RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION DIVISION OF OIL AND GAS

REPORT OF PROPERTY AND WELL TRANSFER

Field or county					Distri	ct	-	
				,	- 1			
Newhall-Potrer	Date	Date						
	Date	Vate						
Sun Exploration		uction Co.				Aug. 7,	1989	
Name and location of well	(5)	•						
Sec. 31, T. 4N	., R. 16W.	, (ALL WELLS)						:
Secs. 21, 22,	25, 26, 27	, 28, 35, 36, T.	4N., P	17W. (1	ALL WELLS)		
•		Y						
								·
Description of the land upo	on which the well	(s) is (are) located					**	
Date of transfer,	New owner		· · · · · · · · · · · · · · · · · · ·			Type of org	anization	
sale, assignment, conveyance, or		Energy Co.				Co		
exchange	Address	DROLEY VO.				CO	•	
5-3-89	i .	Box 55060			1			
	Vale	ncia, CA 91355				Telephone I		
Reported by			 		<u> </u>	805-	<u>257-6200</u>	
Sun Exploration Confirmed by	on & Produ	ction Co.		·	3 1 G	· · · · · · · · · · · · · · · · · · ·	·	
Oryx Energy C	0.							
New operator new status (status abbreviation)	Request d	esignation of agent			100			
PA								
Old operator new status (status abbreviation)	Remarks							
PA.	(1)	IAME CHANGE ONLY)					
		Deputy Supervisor	50/		Signature		/	<u>-iii</u>
OPERATOR STATUS ABB	REVIATIONS	Patrick J	. Kinne	ear	Val	nd f	Hem	D)
PA — Producing Active			FOR	M AND RECO	ORD CHECK L	IST (
NPA - No Potential, Active	Form or record	Initials	Date	Form or i	ecord	Initials	Dale	
P1 Potential Inactive		Form OGD121			Map and boo	k		
NP1 - No Potential, Inactiv	•	Form ODG148			Notice to be	cancelled		
Ab — Abandoned or No Mo	re Wells	New well cards			Bond status			
		Well records			EDP files			,
Electric logs								
		Production reports						

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REPORT OF WELL ABANDONMENT

 Santa Paula,	, California
Oct. 23, 1984	

Stanley W. Blossom, Agent
Sun Exploration & roduction Co.
P.O. Box 55060
Valencia, CA 91355

Your report of abandonment of well "Rancho San Francisco" 1

A.P.I. No. 037-12620 , Section 26 , T. 4N , R. 17W , S.B. B. & M.,

Newhall-Potrero field, Los Angeles County,

dated 5-2-84 , received 9-11-84 , has been examined in conjunction with records filed in this office, and we have determined that all of the requirements of this Division have been fulfilled.

b

M. G. MEFFERD

Selectified Gas Supervisor

By Deputy Supervisor

Murray W. Dosch

RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION DIVISION OF OIL AND GAS

API No. 037-12620

WELL SUMMARY REPORT

Operator SUN	FXPLC	RATIO	ON AND	PR∩I	DUCTION CO	MDAI	VV	Well	DANCHO C	711 FD 611	~ ~ ~	II A A		, .	
Field				1 101	DOCITOR CO	JIMP AI	N I	County	i oo maa laa laa laa laa laa laa laa laa laa						В.&м.
NEWHALL-POTRERO Location (Give surface location from property or section corner, street center line						<u> </u>	LOS ANGELES 26 4N 17W					S.B.			
1000' N & 500' E FROM S.W. CORNER OF SECTION 26								coordinates)	Elevation	ofgr	ound above	sea lev		
Commenced	N O	200°	L FK(JM 5.				26					114	، 9	
3-28		9, (соте	PAA	(1:	To st.hole)	otal de (2nd)		3rd)	Depth meas	urements				•	70. Av. T.
Completed	XXXXXX	(date)	P&A		7012'		,	014)	Which is	-		tary Table t above gro		Kelly Busi	hing
4-17 Commenced		ما عدما		Pres	ent effective 7012'	depth			GEOLOGIC		ERS	above gro	Juna	DEPTH	
	<i>ት</i> ላማ ም	pop (aa	re)	Junk								•	į		
P&A Flowing	, _	Pump	ina		NONE				TOP OF	3RD Z01	NE			6820	٠.
☐ Gas lift		, Ор	mg .	. ,							_		† !	0020	
Name of pro		zone(s)											į		
מחס -	70 NIC												į		
3RD 7	ZUNE				•				Formation of MODELO	ind age at (MIOC		-	t.		
			Clean Oil ol per day)	Gravity Clean Oi		Percent including		Gas (Mcf per			bing Press	ure	Casing P	ressure
Initial Productio	on.		N/A												
Productio			N/A		-										
After 30 de	ays		N/A										-		
ize of Casing	Top of	Casing	T _D		i	1	G RECORE		nt Hole)	·					
(API)	- 00 61	Casing	Depth o	t Shoe	Weight of Casing	G	rade and Typ of Casing		New or second Hand	Size of H Drilled		Number of or Cubic of Cem	Feet	Depth of C (if throu perforati	ıgh 🧻
18 5/8"	SURF	ACE	190	1	84.5#	SMI	S. SLIP		NEW	25"		310 S	SX		
8 5/8"	SURF	ACE	6160	·	36#	C&I	JT.		NEW	121 "		300 S	SX.		
5 1/2"	6001	ı	6998	t	17#				NEW	HUNG					
4 1/2"	5978		6994		11#				NEW	HUNG					
ERFORATE 100 M x	D CAS	ING (S FROM	ize, top, b	ottom,	perforated inte , 6603-67	rvals,	size and spa	cing of pe	rforation and r	nethod.)		<u> </u>			
4-1/2 H		1050	'' / T , U	5777 -	6787, 682	31, 10-68	6752-679 330, 6840	95,68 0-6865	16-6998; .6872-689	97. 690:	3-69	128 6 9 3	1≟60	56 606'	2 6071
		J, L 0	201			•				. ,	0 0,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 05	30, 090/	2-09/1
7 , 62	LAI	140	rilled?	If yes	, show coordi	nates	at total de	pth							
lectrical log NONE	depths							:				· · · · · · · · · · · · · · · · · · ·	····	· · · · · · · · · · · · · · · · · · ·	
ther surveys NONE	•											·			
compliance esent conditi	with So on of th	ec. 321. le well	5, Division	on 3 o	f the Public Fone thereon, s	Resour	rces Code, i	the inform	nation given	herewith i	is a c	omplete a	ınd coı	rect record	of the
STANLEY				······································				itle	u nom an av	ollable red	cords	• ' ' ' ' '			
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BOX 5506							C	ity VALEI	NCIA					Zip Code	25.00
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(805) 25	57-620	JU		<u> </u>	Sten	ley.	cu-/)/ós:	Som 1			-2-84	4		
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RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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		SE		Committee of the Commit	**************************************	1984	4	Company of the Compan
	SAN		PAU	LA	, C	ALIFO	RNIA	200-000

CLINI EVOLODATION AND DECENIOR	estato
SUN EXPLORATION AND PRODUCTION COMPANY Operator SUN PRODUCTION DIVISION	,,,,,,
Operator SUN PRODUCTION DIVISION Field or County Newhall-Potrero Well Rancho San Francisco #1 , Sec.26 , T 4N , R 17W SB B. &	• • •
A.P.I. No. 037-12620 Name STAN W BLOSSOM Title A.P.I. No. 037-12620 Name	N
A.P.I. No. 037-12620 Name STAN W. BLOSSOM Title Agent (Person submitting report) (President, Secretary or Agent))
Signature Stanleylu Losson	r.
Box 55060, Valencia, California 91355-0560 (805) 257-6200 (Telephone Number)	٠
History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrill or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amount of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.	lir ın
8-5/8" CSG @ 6160/5½" 17# LNR @ 6001-6998/4½" LNR @ 5978-6994/PERFS 5½" LNR 6165-6998/4½" LNR @ 6759-6987/3RD ZONE/ MIRU CPS/BLEED WELL OFF/REMOV PROD TREE/UNLAND TBG/STRIP OFF FLANGE/STRIP ON BOF/POOH W TBG/RIH W TBC TO 6008/PU PJ HUNDES (ATTION TO 5008/PU PJ HUNDES (ATTION T	
BOE/POOH w TBG/RIH w TBG TO 6998/RU BJ HUGHES/ATMPT TO CHG OVR TO PROD WTR/PMP 750 BBLS WTR/MX & PMP 250 SX CL "G" CMT w .5% CFR-2 + .1% HR-7/DISPL w 151 FT3 WTR/ POOH w TBG/SIFN/)
RIH TAG CMT @ 5869 w 10,000# WT/MURRAY DOSCH w D.O.G. APROVD/CHG OVR TO 72# MUD (TOT 355 BBLS)/POOH/SIFN/	
RU MC CULLOUGH & MADE CAVITY SHOT IN CSG CLR @ 601'/EST COMM TO SURF THRU 8-5/8 ANNULUS/RIH & SET CMT RET @ 500'/MX & PMP 428 FT³ CL "G" CMT w RETNS TO SURF/RETNS HAD CMT COLOR/ROB HABEL w D.O.G. WOULD NOT APROV/DISPL TBG & CMT RET BY 1 BBL AS PER ORDERS FRM MURRAY DOSCH w D.O.G./POOH w TBG/SIFN/WILL STAB INTO RET TO CK FOR COMM TO SURFACE/	;
STAB INTO RET & PRESS UP TO 400 PSI/M. FULCO w D.O.G. APROV/B.J. HUGHES MX & PMP 3 FT³ CL "G" CMT/DISPL w 12 FT³ WTR (100' PLUG ON RET)/POOH/RU MC CULLOUGH & MADE CAVITY SHOT @ 53' IN CSG CLR/RU BJ HUGHES/PMP 47 FT³ DN SURFACE PIPE w RETNS UP CSG/RDMO/DROP FRM REPORT UNTIL SURFACE WRK IS COMPLETE/	3
COMPLETED SURFACE WORK ON P&A/APPROVED BY D.O.G. (ROB HABEL)/FINAL REPORT/	,

Date 1984

3/28

3/29

3/30

3/31

4/17

DIVISION OF OIL AND GAS

Report on Operations

Stanley W. Blossom, Agent	
Sun Exploration & Production Co.	Santa Paula Calif.
P. O. Box 55060	April 12. 1984
Volencia, CA 91355	
Your operations at well "Rancho San Francisco" 1	API No. 037-12620
Sec. 26, T4N, R.17N, S.B. B. & M. Neuhall Potrero	Field, inCounty,
were witnessed on 3/29/84 M. The	The state of the s
the supervisor, was present from	
Present condition of well: 18 5/8" cem. 190': 8 5/8" 6998', perf. 6165-6998' (at intervals): 4 1	cem. 6160', WSO; 5 1/2" ld. 6001-
(at intervals). T.D. 7012'. Plugged with	cem. 6/00-58691, carity shot at 6001
plusged with 428 c.f. cem. below retainer a	t 500', 499-399' with a cavity shot
The operations were performed for the purpose ofaban	donment
DECISION:	

THE PLUGGING/GEMENTING OPERATIONS AS WITNESSED AND REPORTED.

By Deputy Supervisor

Murray V. Dosch

OG109(12-80-15M)

RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION DIVISION OF OIL AND GAS

No. P __ 284-70

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REPORT	UNP	'HUP	USEU	UPI	:HAII	JINIZE

500 (field code) 00 (area code) (new pool code)

Stanley W. Blossom, Agent Sun Exploration & Production Co. P.O. Box 55060

(old pool code) Santa Paula, California

Valencia, CA 91355 Your supplementary

__ proposal to___

abandon well "Rancho San Francisco" 1

Section 26, T 4N, R. 17W, SB B. & M.,

March 8, 1984

A.P.I. No. 037-12620 Newhall-Potrero

field._ ____ County, dated 3/5/84 any

area. 1-2-3 ____, received __3/7/84 has been examined in conjunction with records

Los Angeles filed in this office.

THE PROPOSAL IS APPROVED PROVIDED THAT IN ALL OTHER RESPECTS, THE PROVISIONS SET FORTH IN OUR REPORT NO.P284-61 DATED FEB.28, 1984 SHALL APPLY.

Donnis (CAS) were 25 1984

1 Locato Bottom 5869' put 10,000 LBS

2. Many set Normana

to sucrece for BPP

well still the and my

Blanket Bond MS:b

Surface inspection done 4-16-84 OK

M. G. MEFFERD, State Oil and Gas Supervisor

Murray W. Dosch, Deputy Supervisor

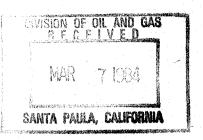
A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

RESOURCES AGENCY OF CALIFORNIA DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

SUPPLEMENTARY NOTICE



	FOR DIVISION USE ONLY
	BOND FORMS EDP WELL OGD114 OGD121 FILE
DIVISION OF OIL AND GAS	BB - V -
BAKERSFIELD Calif.	
FEDDUARY CO.	
	, 19.84, stating the intention to
ABANDON RANCHO SAN FRAI (Drill, rework, abandon) (Well name	
Sec. 26 , T. 4N , R. 17W , S.B. B. & M., 1	and number)
LOS ANGELES County, show	ald be amended because of changed conditions
The present condition of the well is as follows: TA	
Total depth TD 7012'	
Complete casing record including plugs and perforations:	
SEE ATTACHMENT 'A'	
en e	
We now propose TO CHANGE PROCEDURE	
SEE ATTACHMENT 'B'	
SLL ATTACHMENT B.	
It is understood that if changes in this plan become neces	sary we are to notify you immediately.
07000 DVF 0VV DD DOV TOO	EXPLORATION & PRODUCTION CO.
(Street)	(Name of Operator)
VALENCIA, CALIFORNIA 91355-0560 (City) (State) (Zip) Type o	f Organization CORPORATION
(005) 257 5200	(Corporation, Partnership, Individual, etc.) TANLEY M. BLOSSOM.
Ву	(Name) (Date)

the state of the s		" مخلوع ولايين م			
WELL COMPLETION SKETCHES	į,				
RSF *I	Newn	ALL - POT	REEO	•	10 FEB 84
WELL -		FIE	LD		O FER 84 DATE
PRESENT COMPLETION	1				ORIGINAL COMP.
SUGGESTED COMPLETION				K	WELL CLASS
PERMANENT WELL BORE DATA					DATA ON THIS COMPLETION
25" HOLE TO 190"					KB- 8.5' AGL
12 4 HOLE TO 6160'	no")				_KD_0.5 AGL
78 HOLE TO 7012'					27 6.5 TBG
18 5 84.5 t csg cmtb @ 190'					#1 VALVE @ 2407'
88' 36 + CSG CHTD @ 6160' WSO					#2 VALVE @ 4074'
w/ 300 sx. Est TOC ~ 5325	'		<u> </u>		#3 VALVE @ 5536'
52 17 LINER HUNG @ 6001-6998				1	#4 VALVE @ 5842'
42 11 LINER HUNG @ 5978-6994	(1	
Perfs:	1				
5½ LINER PERFED W/ 100 M × 2'S			4		
6165-6561'					
6603-6731	ų				
6752-6795'	5325	1		7	
6816-6998'		1		1	
		1		1	BAKER MODEL "G" PKR@ 5881"
42" LINER (& 52" LINER) PERFED				5881	STREET MODILE & PARK SOCI
W/ 4- 2 HOLES /FT	5978			1	STANDING VALVE @ 5885'
<u>6759 - 6774'</u>	6001	-]	
6777 - 6787'	6160	\		2	23 4.3 TBG
6820 - 6830'		1			B.H. Swedge @ 6959'
6840-6865′ 6872-6897′			‡		
6903-6928'		<u> </u>	 		
6931-6956		1 11	 [
6962-6971'		.	±		
6972-6987'		1 1	‡	. 1	
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RECOMMENDED WORK PROCEDURE SUN-5036-3-B RSF #1 PERMANENT ZERO POINT UPPERMOST PLUG KB 8.5' AGL RETAINER SIZE & WEIGHT PROD DEPTH SET PACKER DEPTH (1) CASING 8 5/8" 36# (3) 6160' (TOP) & TYPE 5881' Baker "G" SIZE, WEIGHT, GRADE, ETC. DEPTH SET CALCULATED TOP OF CEMENT TUBING 2 7/8" 6.5# J-55 58851 BEHIND PROD CSG. 53251 2 3/8" 4.3# J-55 DEPTH SET PERFS 5½" Inr - 6165'-6998' 4½" Inr - 6759'-6987' 5 ½" 17# Inr @ 6001-6998' 5885'-6959' 4 ½" lnr @ 5978-6994' **PROCEDURE** RIG TIME

- RU W/L. RIH w/2 1/2" JDC standing valve retrieving tool and retrieve Harold Brown standing valve @ 5885'. POH.
- 2. MIRU. Fill hole w/lease water. Install Class II BOE and test @ 1000 psi for 15 minutes. Release Baker Model "G" PKR and POH w/PKR, gas lift valves, 2 7/8" tbg, and 2 3/8" tbg. If both tbg strings are good, use as workstring, adding 2 more jts of 2 3/8" tbg.
- 3. RIH w/muleshoe collar on bottom of 2 3/8" workstring to TD @ 6998'.
- 4. RU HOWCO and spot a balanced plug from TD to ±6400' w/approximately 70 cu ft class "G" cmt w/.5% CFR-2 + .1% HR-7. PU to 6400' and reverse circulate 60 bbls lease water. Spot another balanced plug from TOC to ±5830' w/approximately 110 cu ft cmt w/.5% CFR-2 + .1% HR-7. PU to 5300' and reverse circulate 60 bbls lease water. WOC 4 hours. Contact DOG @ 525-2105. Tag TOC. Fill hole w/72# mud. POH.
- 5. RU DIA-LOG and RIH w/sinker bar. If mud is too viscous POH w/sinker bar. RIH w/tbg and circulate to condition mud. Thin w/additives if necessary. POH. RBIH w/sinker bar. POH. RU 5" Nitro-gel cavity shot. RIH and shoot w/8-10 sticks @ 600' (base of f/w sands). POH.
- 6. RIH w/jet cutter and cut 8 5/8" csg @ bottom of 2nd jt. POH w/cutter and csg. RIH w/tbg to 600'. Pump approx 405 cu ft class "G" cmt w/2% $CaCl_2$ from 600' to top of 8 5/8" csg. PU tbg to top of 8 5/8" csg and pump approx 125 cu ft class "G" cmt w/2% $CaCl_2$ to 5'. Contact DOG.
- 7. Cut surface csg 5' below surface, remove cellar and lines, and clear location. Weld on plate and install markers. Contact DOG.

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INU.		-	A		

REPORT ON PROPOSED OPERATIONS

(field code)
00
(area code)
05
(new pool code)
05

Stanley W. Blossom, Agent	(new pool code 05
Sun Exploration & Froduction Co.	(old pool code
P.O. Box 55060 Santa I	Paula, California
	5, 1984
Your proposal to abandon well "Rancho San F	rancisco" 1
A.F.I. No. U3/=12620 , Section 26 T 4N R 17W SR	D 8- M
Newnall-Potrero field any erec 1 2 2	
Los Angeles County, dated 2/28/84, received 2/29/84 has been examined in cor	pool,
filed in this office.	njunction with records

THE PROPOSAL IS APPROVED PROVIDED THAT:

- 1. Hole fluid of sufficient quality and quantity shall be maintained in the hole to control any subsurface condition, and a reserve supply shall be on hand for emergencies.
- 2. All portions of the hole not plugged with cement shall be filled with inert mud fluid having a minimum density of 65-70 lbs/cu.ft. and a minimum gel shear strength (10 min) of 20 lbs/100 sq.ft., (30 sacks of Bentonite per 100 bbls. of water).
- 3. Blowout prevention equipment of at least DOG Class II 1M shall be installed and maintained in operating condition at all times.
- 4. This office shall be consulted before initiating any changes or additions to this proposed operation, or if operations are to be suspended.
- 5. THIS DIVISION SHALL BE NOTIFIED:
- TO WITNESS the location and hardness of the cement plug at 5878' or above.
 - TO WITNESS the placing of the cement plug from 600'-5' inside the 8 5/8" casing and in the 8 5/8" x 18 5/8" annulus.
 - c. TO INSPECT the well site after cleanup and restoration operations are completed.

Blanket Bond MS:b

M. G. MEFFERD, State Oil and Gas Supervisor

Murray W. Dosch, Deputy Supervisor

A copy of this report and the proposal must be posted at the well site prior to commencing operations.

Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

STATE OF CALIFORNIA DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

parallel Education

FFB 2 0 100M

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin.

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FOI	R DIVISION	USE ON	VLY	Ī
CARDS	BOND	FO	RMS	ľ
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DIVISION OF OIL AND GAS

In compliance with Section 3229, Division 3, Public Resource	ces Code, notice is hereby given that it is our intention
to abandon Well No. RANCHO SAN FRANCISCO #1	, API No. 037-12620
Sec. 26_, T. 4N_, R. 17W, S.B. B. & M., NEWHALL-PO	TRERO Field, LOS ANGELES County.
commencing work on MARCH 10 , 19 8	
The present condition of the well is: TA	Additional data for dry hole (show depths)
1. Total depth: TD 7012'	5. Oil or gas shows
2. Complete casing record, including plugs and perforations:	
SEE ATTACHMENT 'A'	
	6. Stratigraphic markers:
3. Last produced 5/82 0 0 0 (Date) (Oil, B/D) (Gas, Mcf/D) (Water, B/D)	
or 4. Last injected N/A	7. Formation and age at total depth:
(Date) (Water, B/D) (Gas, Mcf/D) (Surface pressure) The proposed work is as follows:	8. Base of fresh water sands:
SEE ATTACHMENT 'B'	

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 25322 RYE CYN RD, BOX 55060	SUN EXPLORATION & PRODUCTION CO.
(Street)	Min Deg (Name of Operator)
VALENCIA, CALIFORNIA 81355-0560 B	x 10 1000000 2/28/84
(City) (State) (Zip) Telephone Number (805) 257–6200	(Name) (Date)
Telephone Number (003) 237-0200	ype of Organization CORPORATION (Corporation Partnership Individual et al.)

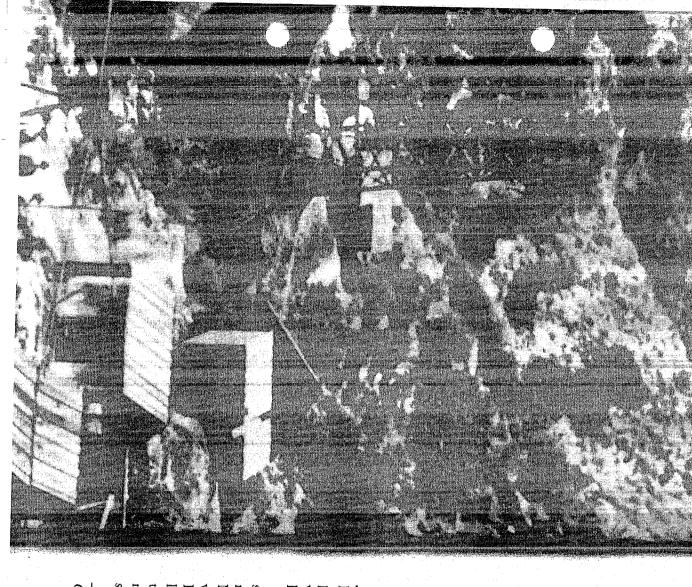
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WELL COMPLETION SKETCHES	•		
RSF_*	M	•	
WELL WELL	NEWHALL -	POTRI RO	O FEB 84
			DATE:
PRESENT COMPLETION		•	ORIGINAL COMP.
	\mathcal{M}		LIORIGINAL COMP.
SUGGESTED COMPLETION			WELL CLASS
PERMANENT WELL BORE DATA			DATA ON THIS COMPLETION
25" HOLE TO 190"			KB - 8.5' AGL
12 4" HOLE TO 6160"	190')		
78' HOLE TO 7012'			28 6.5 TBG
18 \$ 84.5 t csg cmtd @ 190'			#1 VALVE @ 2407'
87. 36 tcsg cuto@ 6160' WSO			#2 VALVE @ 4074'
W/ 300 SX. EST TOC ~ 5325			*3 VALVE @ 5536
52 17 LINER HUNG @ 6001-6998		[]	#4 VALVE @ 5842'
42 11 LINER HUNG @ 5978-6994			· V-LVL JOHC
Perfs:			
52" LINER PERFED W/ 100M x 2"5	8 mg ()		
6165-6561'			
6603-6731'	5325		
6752-6795'	3525		
6816-6998'			
			BAKER MODEL "G" PKR@ 5881
42 LINER (& 52 LINER) PERFED		588	
W/ 4- 2"HOLES /FT	5978	1 / / /	STANDING VALVE @ 5885'
<u>6759 - 6774'</u>	6001		
<u>6777 - 6787'</u>	6160		23 4.3 TBG
6820-6830'	1 ±	<u> </u>	B.H. Swedge @ 6959'
6840-6865	1251		
6872-6897'			
6903-6928'			
6931-6956	1.]	
6962-6971'	-		
6972-6987'	/ 1	‡	
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RECOMMENDED WORK PROCEDURE	SUN-5036-3-B		RSF #1		
KB 8.5' AGL	UPPERMOST PLUG		RETAINER		
casing 8 5/8" 36#	6160'	PACKER DEPTH (TOP) & TYPE	(1) (2) 5881' Baker	"G"	(3)
TUBING 2 7/8" 6.5# J-55	5885'	TOP OF CEMENT BEHIND PROD CSG.	CALCULATED 5325	LOG	
2 3/8" 4.3# J-55 5 ½" 17# Inr @ 6001-6998'	5885'-6959'		r - 6165'-6998' 759'-6987'		
4 ½" lnr @ 5978-6994'	PROCEDU				RIG TIME

- 1. RU W/L. RIH w/2 1/2" JDC standing valve retrieving tool and retrieve Harold Brown standing valve @ 5885'. POH.
- 2. MIRU. Fill hole w/lease water. Install Class II BOE and test @ 1000 psi for 15 minutes. Release Baker Model "G" PKR and POH w/PKR, gas lift valves, 2 7/8" tbg, and 2 3/8" tbg. If both tbg strings are good, use as workstring, adding 2 more jts of 2 3/8" tbg.
- 3. RIH w/muleshoe collar on bottom of 2 3/8" workstring to TD @ 6998'.
- 4. RU HOWCO and spot a balanced plug from TD to ± 6400 w/approximately 70 cu ft class "G" cmt. PU to 6400' and reverse circulate 60 bbls lease water. Spot another balanced plug from TOC to ± 5830 ' w/approximately 110 cu ft cmt. PU to 5300' and reverse circulate 60 bbls lease water. WOC 4 hours. Contact DOG @ 525-2105'. Tag TOC. Fill hole w/72# mud. POH.
- 5. RU DIA-LOG and RIH w/sinker bar. If mud is too viscous POH w/sinker bar. RIH w/tbg and circulate to condition mud. Thin w/additives if necessary. POH. RBIH w/sinker bar. POH. RU 5" Nitro-gel cavity shot. RIH and shoot w/8-10 sticks @ 600' (base of f/w sands). POH.
- 6. RIH w/tbg to 600'. Pump 500 cu ft class "G" cmt from 600' to 5'. Contact DOG.
- 7. Cut csg 5' below surface, remove cellar and lines, and clear location. Weld on plate and install markers. Contact DOG.

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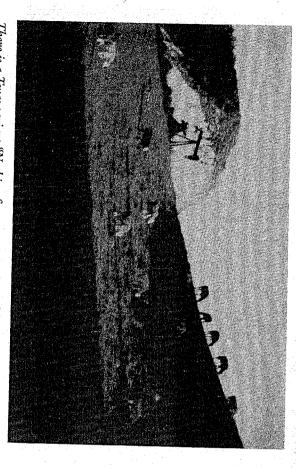
Treasure Trove



Homes at the beach or on the shores of Lake Tahoe went on banks' for-sale well-cushioned lifestyle and trying to find a way in an unfamiliar world. Newhall family, the cessation of dividends in 1933 had meant abandoning a not the Newhall companies paid dividends. But for various members of the some income of his own, it was not significant to his way of life whether or his office in the orange groves, prospects were brightening. were those of a healthy corporation. In 1935, the year that Finch settled into pany had proved themselves. The books that became Jim Finch's province hard work and creative management that McBean had applied to the com-For McBean, who was not a Newhall stockholder and who had a handand Farming Company a profitable business. The planning and turned the corner to success in his effort to make The Newhall Land tholl McBean had every reason to feel pleased with himself. He had

machinery or running tractors. They had a chance to see life as they had never themselves behind sales counters or in ships' engine rooms or greasing lists. Teenagers who had assumed they would go to Yale or Stanford found

Opposite: Pico Canyon.



There is a Texas saying: "Nothing fattens a steer so much as standing in the shade of an oil well." These steers on the Newhall Ranch may not have been fattened by the well at left center, but their owners were. Note that well shapes had changed since those drilled sixty years earlier in Pico Canyon (page 138).

McBean was anxious to start the dividends going again, as a badge of success. In June 1935, McBean informed the directors that possibly, if company affairs continued to improve, the following year would see dividends resumed on a modest basis. Seven months later, when the annual audit proved that the company had indeed made more than \$100,000, the Newhall family stockholders found dividend checks in the mail.

Then came the unexpected event.

One of the continual minor sources of income over the years had been lease monies paid by various oil companies for rights to drill on the ranches, especially the Rancho San Francisco. The oil companies were aware that the first oil discovery in western America had been made in 1876 in Pico Canyon, less than a mile from the southern border of the Rancho San Francisco. And the tarry asphaltum seepage from the ranch's hillsides, used by the Indians of the region to waterproof their baskets, had led many people to believe that oil lay just under the surface. There had been oil discoveries in Placerita Canyon and other areas not far outside the ranch boundaries. Over the years, some

fifty different companies had leased Newhall land. Most of the leases had expired without any exploration, but both Union Oil and Associated Oil had drilled to 5,000 feet without success. Mayo Newhall, writing a history of the company as its president in 1928, said, "There is no indication that this ranch is an oil property."

In January 1935, McBean was called on by Patrick Calhoun, who had a distant relationship-by-marriage with the Almer Newhall family. Because of this connection, Calhoun, a retired corporation lawyer, had been assigned by the Barnsdall Oil Company to try to negotiate an oil lease for them on the Rancho San Francisco. He was then 80 years old, a striking Southern gentleman with a white mustache and erect bearing, who matched McBean in height and presence. He had come west from his native Louisiana, founded the Market Street Railway Company in San Francisco, had been deeply embroiled in politics, and had made and lost several fortunes. He bemoaned the fact that, at He told McBean that he felt his next fortune lay under the Newhall Ranch in the form of oil, which would bring a matching fortune to the Newhalls.

McBean was reluctant to sign another lease. However, the land that interested the Barnsdall Company was high in the Potrero hills—the grazing land near the Ventura County end of the ranch, far from any proposed agriculture or other development. McBean got the directors' concurrence to the lease in February 1935. It provided for a 12.5 percent royalty for Newhall Land.

News of the lease spread through the petroleum community, and a group of Los Angeles investors approached McBean with the offer to buy half the anticipated royalties—6.25 percent of the oil produced—for \$40,000. That sum sounded handsome at the time, and McBean went to the experts for advice. Geologist Harry Johnson, whose instincts for productive oil land were highly regarded, was hired to look over the terrain and advise as to petroleum. Johnson came back from his investigations with the report that he could assure nothing but that he held high hopes for Potrero Canyon as an oil Barnsdall exploration.

It was a year and a half after the lease was signed—August 10, 1936—that the Barnsdall equipment was finally in place, and a drill bit cut into the rough brushy ground in Potrero Canyon. The hole under the drill shaft was christened Rancho San Francisco No. 1, or RSF 1. On December 23, the family got their Christmas present: RSF 1 had hit oil sands at 6,100 feet. Though oil

Treasure Trove

143

was not yet flowing, the prospects were excellent. The Newhall Land and Farming Company declared a Christmas dividend. The hard days were over

Steady production began the following March 22, when RSF1 flowed 118 barrels a day, a good average yield. It later was deepened twice, and each time, production was increased. Within the ensuing months, a second well produced 631 barrels a day. The Potrero was a major field. Petroleum engineers and geologists joined the Newhall staff. In 1944, Barnsdall drilled its forty-fourth well nearly a mile deeper than RSF1 and found a new pool. RSF66 in 1946 went more than three miles into the earth. It became one of the world's deepest producing wells and opened still another pool.

After the Barnsdall discovery, the rush was on for leases on the ranch. One of the new lessees, the Humble Oil Company of Texas, had drilled thirteen dry holes in Southern California, with only one minor strike of less-than-commercial value. Humble took a lease in 1948 just west of Castaic Junction near where the Indians had found their asphaltum. They set their drill into the dry bed of the Santa Clara River. At a depth of 225 feet, they hit a fine artesian spring, which was welcomed for irrigating the ranch. Drilling continued, and in January 1950, the bit struck oil. It was a modest but satisfactory find, and Humble promptly leased more land. Seven other wells were drilled over the next two years. The seventh came in at the rate of 704 barrels a day—the major California discovery of the year.

At every meeting, the company's board of directors was asked to approve new oil and gas leases as producers flocked onto the ranch. McBean regretted the liberal terms he had given Calhoun for the Barnsdall lease, with a majority of the royalties accruing to Calhoun rather than Newhall. McBean, like his predecessors, had believed that oil drilling on the ranch was a futile exercise. His later appointment of Jim Finch, the company's most expert and penny-wise negotiator, to take over the company's petroleum division was assurance that there would be no more giveaways.

McBean was not content simply to strike unexpected riches. He explored every opportunity of making the most of them. At the time, oil technology could extract about 15 percent of the underground deposits. Through his Standard Oil contacts, McBean heard that better systems had been developed. He hired oil engineer Ernest Parks to study the matter and learned that if the gas that comes from an oil well is reapplied under pressure, the well's yield could be increased to around 50 percent or a little more. As soon as the war ended and materials were available, both Barnsdall and Humble built huge repressuring plants in their hilly fields. Petroleum production leaped.

The oil profits multiplied and presently became the major source of Newhall Land and Farming Company income. As family members rejoiced, McBean announced dourly at stockholders' meetings: "That oil money is not for diamonds and mink coats. It is for investment. One day soon the oil will be gone." McBean pointed to federal tax law, which gave owners of oil-producing properties a 26 percent depletion allowance—presumably to replace their depleted properties. He intended to use it for that purpose.

He eagerly looked for land investments. There seemed to be no end to growth of the company fortunes. New directions lay ahead to be explored, and now there was money on hand with which to explore them.

Date

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SUBMIT IN DUPLICATE

STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

REQ. 1945

DIVISION OF OIL AND GAS

LOS ANCELES, CALFORNIA

Subsequent Work Report

OPERATOR BARNSDALL OIL COM	PANY FIELD	MENHALL I	אמיזפווי	
"Rancho San Francisco"		and the state of t	- ATTITION	
Well No. (R.S.F.)	, Sec26, T	4 N R.	17 W	SBB. & M.
To1				
In compliance with the provisions of Cha	ipter 93, Statutes 1939, 1	:he information {	given herewith is	s a complete and
correct record of all work done on the well since				
	o mie previous record,	dated *. Q S/Y	WELL'Y 7 a .I	340
, was filed.		Carles and Carles	0 7	
	Signed	A.	c. for	
Date November 6, 1945		* * * * * * * * * * * * * * * * * * * *	•	
Date Tomaser Og 664 384	Tit	:le	AD 1.11	Agent
Outline in the order of performance, together we Include such information as depth at which redrilling operation casing, weight and length of casing landed or cemented or reposition thereof. If the well was dynamited, give date, size, kind of material used, position and results of pumping or bailing	emoved; number of sacks of	rearrised or deepened	which alter the cor l; size of pipe, amo	unt of perforations
All depths are measured fro		7 Bushing,	8.5 abo	ve
Killed well with oil.				
Changed from of 1 to mad				
Pulled tubing. Reran tubing Circulated around blank sec	with Olympic tion of 5½" li	packer. S ner 6795	et packer to 6816'.	at 6807'.
Set 5% Securaloy Drillable Cemented around 5% blank f thru tubing and Baker Type	Pecker at 682	O', as a	bridging	plug.
Found top of retainer at 68 4 - 3/8" holes at 6808' with cement thru tubing and Baker pumping pressure 500#.	lo'. No cement h McCullough g r Type R retai	above re un. C.P. ner set a	tainer. P with 10 t 6800'.	erforated sacks of Final
Found top of retainer at 68:	7/3 0 ×r			
set at 6800'. Final pumping 6744'.	t thru tubing 3 pressure 650	and Baker #• Found	i top of a	ement at
Drilled out cement 6744 to 6 thru tubing and Baker type P pressure 1250#. Pressure 6	T T T T T T T T T T T T T T T T T T T	and the second of the second o	Print (b) 600	in the second se
Found top of cement at 6764? Perforated 2 - 3/8" holes at tester at 6806. Fluid drop open. C.P. with 10 sacks of retainer set at 6800.	Drilled ou: 6807 with Mo	t cement t	o 6810'. gun. Set	Johnston
Found top of cement at 6765; Perforated 2 - 3/8" holes at 10 sacks of cement thru tubi Final pressure 1400#. Found	: 6807' with Mo	Cullough	gun. C.P	. with at 6800'.

Washing California and

- 1944
 12-26 Perforated 2 3/8" holes at 6806' with McCullough gun.

 Set Baker type R retainer at 6801. Perforations at 6806' held 1500% pressure for 5 min. Cemented around blank section of 5½" liner from 6731 to 6752' with 10 sacks of cement thru tubing and Baker type R retainer set at 6736'. Final pumping pressure 1400%.
- 12-27 Found top of cement at 6745'. Drilled out to 6756'.

 Set Baker type R retainer at 6736'. Built pressure to 1500#.

 Pressure dropped to 1275# in 16 minutes. Laid cement plug in 5½" liner with 7 sacks of cement thru tubing hung at 6755'.
 - Found top of cement at 6728'. Changed from mud to oil. Hung $2\frac{1}{8}$ " tubing at 6712'. Kicked well over with gas lift, until well flowed naturally.

1944	Gross Bbls.	% Cut	Net Bbls	Grav.	Bean,64ths	T.P.	GHP	Net Gas MCF	G/O Ratio
12-31 1945	230	5.0	219		19	3 50	Pkr.	659	3009
1945 1-1 1-2 1-3 1-4 1-5 1-14	211 215 230 230 224 156	10.0 12.0 6.0 5.0 4.0 0.1	190 189 216 218 216 156	33.5	12 12 12 11 11 11	680 680 620 620 600 725	88 88 88 88 88	670 668 766 848 901 702	3526 3534 3546 3890 4171 4500

- 3-19 Killed well with oil.
 - 20 Changed from oil to mud.
 - 21 Found top of cement at 6753': Drilled out to 6759'.
 - 22 Cet inverted swab assembly at 6736. Built pressure on inside to 1500.
 - 23 Perforated 4 3/8" holes at 6757' with McCullough gun. Set Baker type R retainer at 6738'. Built pressure to 2000#. Formation took mud. Pressure dropped to 500# with no returns.
- 24-26 Drilled out cement 6759 to 6810'. Cast iron retainer 6810 to 6813'. Coment to 6820. Drillable Packer to 6824'. Cleaned out to 6996'. Set Johnston tester at 6742' with 2288' of water cushion. Fluid dropped on outside of tubing when tester was open.
- Scraped 5½" liner from 6006 to 6996' with Baker casing scraper.

 Cemented 1016' of 4½" 11# blank liner at 6994' with 75 sacks of cement.

 Top of hanger at 5978'.
 - 4-1 Located top of 4½" liner at 5979'. No cement above liner.

 2 Found top of cement at 6825'. Drilled out hard cement to 6830'.

 C.P. thru 3 1/2" holes at 5988 to 5989' with 50 sacks of cement.

 Maximum squeeze pressure 2000#.
 - Found top of cement at 5926. Drilled out to 5994. Casing held 1800# pressure for 6 min. Set Johnston tester at 5946 with T.P. to 5959. No fluid cushion was used. Tester open 1/2 hour thru 3/8" bean. Recovered 10' of drilling fluid.

1945

- Drilled out cement 5994 to 6004' and 6830 to 6989'.

 6 Ferforated 4 3/8" holes at 6725 with McCullough gun. Set Johnston tester at 6700' with tail piece to 6713'. Tester open one hour thru 3/8" bean. Recovered 45' of drilling fluid and 20' of unset cement. Pressure chart showed tester plugged. Cleaned out to 6770'.
 - 7 C.P. thru 4 3/8" holes at 6725 with 60 sacks of cement thru tubing and Baker model R retainer set at 6664. Maximum squeeze pressure 2350.....
 - 8 Drilled out cement 6647 to 6740'. Hole open to 6989'.
 - Perforated 4 3/8" holes at 6726' with McCullough gun. Set Johnston tester on 2½" tubing at 6701', with t.p. to 6713'.
 No fluid cushion used. Tester open one hour thru 3/8" bean.
 Recovered 125' of gassy drilling fluid with slight color of oil.
 Ind rise was due to having opened equalizing valve.
- 4/9-11 Perforated 42" and 52" liners with McCullough gun 4 2" holes per foot as follows:

6987 to 6972 - 60 holes 6971 to 6962 - 35 " 6956 to 6931 -100 " 6928 to 6903 -100 " 6897 to 6872 -100 " 6865 to 6840 -100 " 6830 to 6820 - 40 " 6787 to 6777 - 40 " 6774 to 6759 - 60 "

Wall scraped 42" liner from 6710 to 6989' with Baker casing scraper. Hung 22" tubing at 6986'. Changed from mud to cil. Kicked well over with gas.

Flowing.	1945	Groes						
		Bbls.	% Cut	Net Bbls.	Grav. Be	an 64th	s T.P.	CHP
	4-14	103	8.6	94	And the second second	54	- 586°	980
	15	179	5.0	170	•		1000	1020
	16	175	3.6	169	39.9		1030	1030
•	17	202	1.5	199	41.4		1100	1200
	18	163	1.8	160	39.4		1150	1175
T	19	151	1.7	148	39.9		1050	1175
	22	153	0.5	152	43.2	-	IISO	1180

	7 110.12	7	BOND	FO	RMS
MAP	Map Book	CARDS	BOND	114	121
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STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

			No. P 1-40187
	Los Angeles 14	Calif.	Movember 22, 1944
Mr. R. E. Foss			
Los Angeles 15.	Calif.		
Agent for BARNSDA	and the second s	r	
DEAR SIR:			
	proposal to Plug & all	ente en	"Rencho San Francisco
Section 26 , T. 4 W. , R.17 W.	S. B. D. S. Washington	ver gooding Well N	[o
1. 1 Mars 12 Mile	B. & M., 20212.1.2.2	Field,	Los Augoles County,
dated Nov. 13. 19 44, received	1100 + 20 119 44 , has been en	camined in conjunction	n with records filed in this office.
Present conditions as shown	by the records and the proposal	are as follows:	
RECORDS: The condition of	the well is as stated	in the notice	•
FAR NOTICE STATES:			
The present condition	of the wall to as fall	States 4	State of the state of the state of
1. Complete easing re-	oord.	海绵 街 道	
18 5/8" 84.5# C.	1901		
8 5/8" 36 # 0. 6	2.60!		
5 1/2" 17)96'; perforated 100 s	esh slots as fo	ollows: 6165- 6561'
			6603-6731
[4] A. G. Martin, A. G. Martin, Phys. Lett. B 50, 120 (1995). [5] A. G. Martin, Phys. Rev. Lett. B 51, 120 (1995).			6752 - 6795
Total depth 7012'.			6816-6998
. Last produced <u>,5-26-11</u>	A STATE OF THE PARTY OF THE PAR	36.7	0.3%
ROPOSAL:	(Net G11)	(Gravity)	(Cut) A
"The proposed work is as	s fallows.		
1. Kill well with oil.		-	
2. Set cement retainer		ne vine	
J. Set coment retainer	e at 6811'		•
4. Coment back of blan	ik section of 5 -1/2" 1	iner from 6795-	66161.
5. Recomplete in lat a	md 2nd zones."		
ecision:			
THE PROPOSAL IS APPROVE			
accel solution			
			r La sur la sur
- P. A. V.			
Company			
	R. D. BUSH		
	State Oil	and Gas Supervisor	
		10	

STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given fifteen days before work begins when possible

	Chair and book	-Magole	63	CalifTiou	orber 13 19 44
DIVISION OF OIL AND GAS				No.	
	II. Masser				
	a-Angoles,		Calif.		
In compliance with Sect	ion 3202 Chamba	01 0			
	ion 5205, Chapter	93, Statutes	of 1939, notice	e is hereby given	that it is our intention to
mmence the work of deepening.	redrilling, pluggir	ng or altering	g casing at well	No. Handho	-Sen Premateen
					, B. & M.
Northoll-Defence	A.	77: 1.1	7	, K. 17 VI	,B. & M.
As a state of the		Field,	-108 AM	oles	County.
ne present condition of the well i	s as follows:				
1. Complete casing rec	ord.				
	18 5/8	M BA.SA	VC. TON	,	
	8 5/E	37 36 4	C. 1904 C. 61604 II. 6998	1	
	Sår	17 %	4 II. 69981	's porfora	ted 100 medh
	· · · · · · · · · · · · · · · · · · ·		alota	s as follo	
			dia da sa da		
				-6561°	
			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5-6731	*
			6752	2-6795	
	Total	deptir 7	6752 6016		
	Total.	depth 7	6752 6016	2-6795	
2. Last produced			6752 6816 0121.	2-6795	
2. Last produced			6752 6316 012'.	2-6795	——○ _E ∰Ĵ——
	inas 26 nos 44	0% 	6752 6316 012'.	2-6795	
e proposed work is as follows:	(Date)	0% 	6752 6316 012'.	2-6795	——————————————————————————————————————
e proposed work is as follows:	-26 - 44 (Date)	(Net	6752 6316 Ole: Obble.	3-6795 -6996 -6996 (Gravity)	
e proposed work is as follows:	-26-44 (Date) R111 VO Set cen	(Net	6752 6016 012'. O bbla. oil. ofl.	3-6795 -6996 -6996 (Gravity)	- Oziji
e proposed work is as follows:	-26-44 (Date) Kill Vo. Set cen	(Net Ll with ont retain	6752 6016 012'. O bbla. oil. oil. ainer at	36.7 (Gravity)	bridging plug
e proposed work is as follows:	M11 vo Set con Set con Set con	il with ont retained	6752 6016 0121. 0 bbla. oil. oil. ainer at ainer at blank se	36.7 (Gravity)	
e proposed work is as follows:	M11 vo Set cen Set cen Coment 1	Il with ent ret ent ret	6752 6016 012'. Obbla. oil. oil. ainer at ainer at blank so	6821, as a 6811; ction of 5	
e proposed work is as follows:	M11 vo Set cen Set cen Coment 1	Il with ent ret ent ret	6752 6016 0121. 0 bbla. oil. oil. ainer at ainer at blank se	6821, as a 6811; ction of 5	
e proposed work is as follows:	M11 vo Set cen Set cen Coment 1	Il with ent ret ent ret	6752 6016 012'. Obbla. oil. oil. ainer at ainer at blank so	6821, as e 6811; ction of 5	l liner
e proposed work is as follows:	M11 vo Set cen Set cen Coment 1	(Net Il with ont retained of 0795-681 ote in	ole. oll. oil. oil. ainer at ainer at blank so let and 2	36.7 (Gravity) 6821, as a 6811; etion of 5	de liner
e proposed work is as follows:	M11 vo Set cen Set cen Coment 1	(Net Il with ont retained of 0795-681 ote in	6752 6016 012'. Obbla. oil. oil. ainer at ainer at blank so	6821, as e 6811; ction of 5	l liner
e proposed work is as follows:	M11 vo Set cen Set cen Coment 1	(Net Il with ont retained of 0795-681 ote in	oll. oil. oil. ainer at ainer at blank so lot and 2	36.7 (Gravity) 6821, as a 6811: etion of 5 nd zones.	dug talte ca
e proposed work is as follows:	M11 vo Set cen Set cen Coment 1	(Net Il with ont retained of 0795-681 ote in	ole. Obbia. Oil. oil. oil. ainer at ainer at blank se let and 2	6821, as a 6811 ction of 5 nd zones.	dug talte ca
ne proposed work is as follows:	M11 vo Set cen Set cen Coment 1	(Net Il with ont retained of 0795-681 ote in	ole. Obbia. Oil. oil. oil. ainer at ainer at blank se let and 2	36.7 (Gravity) 6821, as a 6811: etion of 5 nd zones.	diner
ne proposed work is as follows:	M11 vo Set cen Set cen Coment 1	(Net Il with ont retained of 0795-681 ote in	Ol2. 6752 6016 Ol2. 6016 Oll. oll. oll. oll. oll. oll. oll. oll.	6821, as a 6821, as a 6811; ction of 5 nd zones.	Iner Lug La Eta, Ca FORMS 114 121 1120 Enus
ne proposed work is as follows:	M11 vo Set cen Set cen Coment 1	(Net Il with ont retained of 0795-681 ote in	Ol2. 6752 6016 Ol2. 6016 Oll. oll. oll. oll. oll. oll. oll. oll.	Gently as a section of 5 and zones. BOND BOND BOND BOND BOND CTION OF STATE OF	Iner Plug 1 a l Xer. Ca FORMS 114 121 121 110 Chus Chus
ne proposed work is as follows:	M11 vo Set cen Set cen Coment 1	(Net Il with ont retained of 0795-681 ote in	Ol2. 6752 6016 Ol2. 6016 Oll. oll. oll. oll. oll. oll. oll. oll.	6821, as a 6821, as a 6811; ction of 5 nd zones.	Iner Plug 1 a l Xen Ca FORMS 114 121 112 Cus Cus Company

FILL TH. SLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAR. ONLY

STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Operato	r		LO		anna.)	A	
Well N	0.			Se.	C	т 4 3 4	n *	7		
Location		\$ 5214.18 (0	S. and 6	Se 168.80' E. letter 3-	from Corr	ner "J"	, N.	Eleva		B. & M.
and corr					utes of 1915, as		inform			a complete
	i de la companya di					Signed	>. d		iele S	Die records.
	(Engineer or Geo				444	Title	•			
<u> </u>				(Superintendent)					esident, Secretary	
			and the second s		ed drilling			Dr.	illing tools R	tary
	pth 💆 🚉	8	ged depth			GEOLOGICAL	MARKER	S	pataga anta pina terantika nasilakanan pinan 	PTH
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	1							-		
Commen	ced producing		(date)		Flowing/grs.	ff (pertiping)			•	
			Clean Oil bbl. per day	Gravity Clean O	y Per Cent Water il including emuls	er G. Mcf. p			Tubing Pressure	Casing Pressure
	Initial p	roduction								
, Pi	roduction afte	r 30 days								
			C	asing Recori	Present Ho	le)				
of Casing A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size	of Hole landed in	Number of Sacks of Coment	Depth of Cement
:3 - 5/0							-	ALMOUD IN	or Cement	if through perfora
	and the state of the state of the		1440 - 430 AMES 4706 TES	68 6 2 8	100					
***/**		離		***						
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	Confidence (week vigory	<i>**</i>			*		ALL PROPERTY AND ADDRESS OF THE PARTY AND ADDR	46/		
5-3/0 5-1/0	Confidence (week vigory				*		ALL PROPERTY AND ADDRESS OF THE PARTY AND ADDR	46/		
3-1/A	Confidence (week vigory			#	*		ALL PROPERTY AND ADDRESS OF THE PARTY AND ADDR	46/		
e of Casing	Confidence (week vigory	То	2.73	#	RATIONS Numb	er Dista	ace.	46/		prations
e of Casing		V 40 00 000	2.73	Perfor	RATIONS	er Distar	nce centers		Method of Perf	prations
e of Casing	From	To .	Size	PERFOR of Perforations	RATIONS Numbof Row	er Distar	nce centers	46/	Method of Perf	orations
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e of Casing	From ft.	To ft.	Size	Perfor of Perforations	RATIONS Numbof Row	er Distar Between C	nce centers		Method of Perf	prations

SUBMIT IN DUPLICATE STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Subsequent Work Report

	OPERATORFIELD.
	Well No, Sec, T, R,
	In compliance with the provisions of Chapter 718, Statutes 1915, as amended, the information given herewith is a
	complete and correct record of all work done on the well since the previous record, dated
	, was filed. Signed 4. C. Stiebub
	SIGNED
	Date Title (President, Secretary or Agent)
	Outline in the order of performance, together with the dates thereof, all important operations which alter the condition of the well.
ate	Include such information as depth at which redrilling operations were started, size of hole redrilled or deepened; size of pipe, amount of perforations in casing, weight and length of casing landed or cemented or removed; number of sacks of cement used in cementing or plugging operations and exact position thereof. If the well was dynamited, give date, size, position and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position and results of pumping or bailing.
	The second of the second secon
	All depths are from the top of the belly bushing. 2.5' above the decrick floor, which is 6.0' above the concrete not.
1.74	
2+0	
2-0	
2+1	Frankling up delli pipo.
	Total depth 7:20 . Describer of 2-1/2" 17. Jones and Languist finds for the form of the finds of the find
	/ Name &-1/2" N. C And in at 6000. Changed and to water. Changed water to cli. Tell started flowing at 6:00 P.N. Termed to tende at

Date

1040

] **-** []]

SUBMIT IN DUPLICATE STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Subsequent Work Report

OPERATOR TO SERVICE OF THE PROPERTY OF THE PRO				FIELD			
Well No.			3, Sec	, т.	, R	17 %,	♣ ♣ B. & M.
In comp	liance with the	e provisions o	f Chapter 718, S	tatutes 1915,	as amended, tl	ne information giv	en herewith is a
complete and corre							
	, W	as filed.					
				SIGNED			
Date			·	Titl	e		
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	X 10.	0	(President, S	Secretary or Agent)
Include such informatin casing, weight and I position thereof. If thind of material used,	he well was dyna	mited of contents	size position and				
A COLUMN SALAN SAL	AND THE PROPERTY OF THE PARTY O		State Management and	termination of the second	alter cossessions	disa kanadan di parata di para	
			***//* ***/**				
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STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

				No. Pl	·34691
	Los	Angeles,	Calif	January 10,	19 40.
Mr. James C. Gilbert,	·				
Los Angeles,		_Calif.			
Agent for BARNSDALL OI	L COMPAN				
DEAR SIR:				The transfer of the state of th	THE SECTION AND AND AND AND
Your	proposal to	deenen	Wall N	RANCHO SAN FRA	MCT 2CO.
Section 26 , TA II. , R17 II. , S.B.	B. & M.	Wewhell	Field To	de Armonia Lineau	·····,
dated Jan. 8, 1910, received Jan.	9 10 lu	7 1 1	riciu, _ata		County,
				n with records filed i	n this office.
Present conditions as shown by th	e records and	d the proposal are	as follows:		
Records in addition to, or at varia The S-5/8" shut-off was approved	nce with	those shown	in the noti	CO:	
4-3/4" liner 6036'-6423', perf.	61031-6b) % 1			
		no A			
THE NOTICE STATES:					er er konstruktioner
"The present condition of the wel		follows:			
18-5/8* 84-1/2# Casing C.	190'				
8-5/8" 36# Cesing C. 6	160'				*
	423-6035				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
perforated 6		(60 & 100m)			
Total depth 6	472		*** 		
Present production: 40 B/D net	.2%."				
ROPOSAL:					
"The proposed work is as follows:					
Recover 4-3/4" casing from 6423'	in the second	and the second second			
Deepen to approximately 7025		4 - 1	<u>.</u> .		
Hang 5-1/2" 17# perf. liner at a	porox. 70	251.8		A Section of the second	
	Literature 1 m				
MCISION:				The state of the s	
THE PROPOSAL IS APPROVED PROVIDED TO	HAT THIS	DIVISION SEA	LL DE NOTIFI	ED TO WITHERS	a neodeod
est within 10 days after the well l	as been	placed on pr	oduction.		er broams

GLE ON A / X).					

R. D. BUSH

State Oil and Gas Supervisor

STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

JAMES OF THE POST WAY

NEW MINDS

DIVISION OF OIL AND GAS

Notice of Intention to Deepen, Redrill, Plug or Alter Casing in Well

This notice must be given fifteen days before work begins when possible

		Los	Angeles	manusky ny rysylan kasyynig sy ny r Ny o dobata 198	Cal	January	8,	19 40
lr. E	. Huguenin					٠.		
	Deputy State Oil and	d Gas Supervi	sor					
	Los l	Angeles,			Cal.			
ear Si	R:							
	In compliance with Secti	ion 17, Chapt	er 718, Statute	s of 1915,	as amended, not	ice is hereby	given tha	t it is ou
tention	to commence the work of	of deepening,	Kedrillingx plug ross out unnecessary w	gingxor ahu vords)	arkanerakan	well No. Re	ancho S	San Fr
			•		, R. 17	•		
			•		•	•		
- Park - 1 - 1 - 1 - 1 - 1	Newhall Potrero	<u>)</u>	Oi		•	•		
	Newhall Potrero The present condition of 18-5/8" 8-5/8" 4-3/4"	the well is a 34-1/2# 36# 16#	Oi	C.C.H.	Los Ango 190' 6160' 6423-603' 6423-612	eles 5		
	Newhall Potrero	the well is a 34-1/2# 36# 16#	Casing Casing Liner perforat	C. C. H.	Los Ang	eles 5		
	Newhall Potrero The present condition of 18-5/8" 8-5/8" 4-3/4" Total dept	the well is a 34-1/2# 36# 16#	Casing Casing Liner perforat	C. C. H.	Los Ange 190' 6160' 6423-603' 6423-612'	eles 5		
	Newhall Potrero The present condition of 18-5/8" 8-5/8" 4-3/4" Total dept	the well is a 34-1/2# 36# 16#	Casing Casing Liner perforat	C. C. H.	Los Ange 190' 6160' 6423-603' 6423-612'	eles 5		

Recover 4-3/4" casing from 6423'
Deepen to approximately 7025'
Hang 5-1/2" 17# perf. liner at approx. 7025'

deep.

Maps Model Crien Cards Miles 122

Respectfully yours

BARNSDALL OIL COMPANY

Name of Company or Operator

Agent.

FILL THE

NK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPE

word of the 180 AM HIMORIVED AUG 1.9-1937

168 (150a.B) (Allowallia)

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL

Operator			4414	Fi	eld	<u> </u>)		
	214.18' s	. and 6168	.80' E. fr	Sec.	J" (Correc	tion lett		7 3-42) Elevati	1148.	B. & M.
	In compliance	with the provi	sions of Chapt tion of the wel	er 718, Statutes I and all work d	of 1915, as an one thereon, so	nended, the in far as can be	formatic determ	on giver ined fro	n herewith is a	complete le records.
Date	2/1/27				S	igned	<u>c</u> 2	Lie	Cel	
	Engineer or Geolog	gist)		Superintendent)		Title	<u> </u>		dent, Secretary o	r Agent)
Commenc	ed drilling	NE SIER E		Completed o	drilling 💮		13 (1887) 10 (1887)	Drill	ing tools	ble tary
Total dep	th	Plugge	ed depth		GE	OLOGICAL MA			DE	РТН
Junk			-	· .	. <u></u>	Actermace no	Las ar	a con the table of the late.	B'orrae	<u> </u>
-		·		·	<u> </u>	- 1501	Care		A CONTRACTOR OF THE STATE OF	
		;			· · · · · · · · · · · · · · · · · · ·	· ·	<u> </u>	n) yeu		
Commenc	ed producing	- 43 <u>/3</u>	(date)	······································	owing/gas life (cross out unnecess	/pumping ary words)	र्क्षेत्रकारातं सम्बद्धान्यस्य	er den er sen e r met		
			Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per	day		Tubing Pressure	Casing Pressure
ASSES IN	Initial pr				6					
Pı	oduction after	· 30 days		•						
			С	asing Record	(Present Hole))				
ze of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Casing I	Hole inded in	Number of Sacks of Cement	Depth of Cementing if through perforatio
	3.00	7,37,5,13,00	<u></u>	i i i i i i i i i i i i i i i i i i i	(4)12112 (1)5 (b					
<u> </u>	· Stow	5.0 · **	35	Silver Silver	49		2.3		(**)	
4.6/4				**					<u> </u>	
				Perfora	TIONS					
Size of Casing	From	То	Size	of Perforations	Number of Rows	Distan Between C			Method of Pe	rforations
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3	ft.	ft.	<u> </u>	rectioned in	11. #	1 .			1.0	
E	lectrical Log l	Depths	my m	was and the second	7 6	٠٠٠/٠	an der des sen sen der der der der der sen sen sen	(Attac	ch Copy of L	og)

Date

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ONE AND MAKE CREEVITH ALLOWS

tos anologo, olimbara

DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator	R THE STREET	38.3 40.	FIELD	CHOCCUL L.	(ctrero)	
	The second secon					# D 0-74
Well No.	ionolo : mi		, Sec, 5	· · · · · · · · · · · · · · · · · · ·	, R,	B. & M.
			Andrew State	0 0	Hiller	
			Signed			
				1 1 2	$\{(x_{i,j},x_{i,j})\in \mathcal{C}_{i,j}^{(i)}, \forall x_{i,j}\in \mathcal{C}_{i,j}^{(i)}\}$	
<u>. 1</u> 2. julija - 1			and the second s	Title	rent t	4
Date			• .	11116	(Pre	sident, Secretary or Agent)
operations drilled to c	at the well, together ementing or landing dep	mportance to have a complete with the dates thereof, price oth of casings, number of sacks ent plugs started, and depth at bridges were put in to test for	of cement used in the	olugging, number ountered. If the aterial used, posi	of sacks or number well was dynamite	of feet of cement drilled d, give date, size, position
		ale Maria James			in I care to h	121/
COO.				Same and Same	and the state of t	
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TELLE L	· Salt con			Late care Miles	the same of the	

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

race i

History of Oil or Gas Well

Operator.	223 ***		Field	Š teres in the second s	is at the state of
Well No.		, Sec.	, T.	., R,	B. & M.
			Signed		
Date			Title		
				(President, Secretary	or Agent)
It is of the greatest in operations at the well, together drilled to cementing or landing depout of casing, depth at which ceme and number of shots. If plugs or	with the dates there oth of casings, number out plugs started, and	eof, prior to the fi of sacks of cement to depth at which hard	rst production. Include in used in the plugging, number cement encountered. If the	r of sacks or number of feet of cone well was dynamited, give date,	s size of hole ement drilled size, position
Polymer and any area.					F
31218: Will,					
iniano: tabin: \$					
			2024 × 2000		

STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

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History of Oil or Gas Well

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STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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STATE OF CALIFORNIA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

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STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

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STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

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DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

Newinell-(costrers) Field___

Well No. Sec.

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DIVISION OF OIL AND GAS

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LOG AND CORE RECORD OF OIL OR GAS WELL

Sarraddall (41 Co. Operator_

Field_

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DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL

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DIVISION OF OIL AND GAS

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LOG AND CORE RECORD OF OIL OR GAS WELL

Operator_____Field

FORMATIONS PENETRATED BY WELL

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DIVISION OF OIL AND GAS

LOG AND CORE RECORD OF OIL OR GAS WELL 10% MIDEE'S, CALIFORNIA

Operator Barnsdall Oil Company	Field	Newhall (Potrero)	
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Looked wet when fresh	replaced by the silt & sd. Dip 80. Ir Bottom 4" hd SS shell. A streak of water-worn sh or siltstone pos. 21 fr. top. Dip 100 No cut.	Sea worms) abundant. Carb.matter) scattered thru dk br s	Bips vary ir. 5° to .	pebbles up to 2" diam.	movement. Cmtd conglomerate/igneous schist	showing horizontal flow angle	Carb.matter. No out or odor. Dip	forage.)	mud & siltstone pos., latter control	Ashy?	A STATE AND THE STATE OF THE ST		
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p sandstone wor planes of hd is several grooved planes evidenci	sd. at top. Good amber cut. Considerable gas in flash. Ft. cut in shale. F-M Un-E Sdy siltstone &/or silty sandstn, D with patches & layers of hd fine sd. Dlp 30° to 40°. Numerous slickensided fractures.	Same as 1st 2'. Dip 10° Dk Gry VH F-M Good Sandy siltstone &/or shale, with D patches & layers of fine hd.sd., &/w 1-6" layer SS. Many silckensided fractures. Dips 20° to 35°. Is this dip pseudo-structural due to contortion between rigid SS layers as in expression has been as in expression has been as in expression has been as in expression.	core in pos. not over 4" thick. Unevenly p 100. F/C G Fish scales Carbonaceous matter, scartered. Massive Cse-Cong. ic/w pebbles up to 2" dia.; some	3-P Compressed Pecten peckhami? thinly banded. Dip 50 h-E Borers &Carb. mat. One 0.21	
planes. planes. planes. planes. planes. planes. planes. sendstone, with irregular patches & seams of hd fine sd, some as replacements of borers! casts, several grooved, striated shear planes evidencing both horizontal	d amber cut. Considerable gas in in shale. In shale. Sdy siltstone &/or silty sandstn with patches & layers of hd fine sd. Dip 30° to 40°. Numerous slickensided fractures.	siltstone & W I = 6 % W I	Fish scales Carbonaceous scattered, Massive & dia,	Compressed Pecten y banded. Dip 5° Borers &Carb. mat.	erior de la composition della
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planes. planes. Sdy siltstone, &/or silty ne, with irregular patches of hd fine sd, some as ments of borers; casts, grooved, striated shear evidencing both horizontal	the gas in	SS. Many SS. Many	k. Unevenly eous matter,	namí?	energen (anderson (200)) anderson (200).
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R.W.S. 2/4/37

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BARNSDALL OIL COMPANY

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		9	STREET STATE	Much gas in bbi. Burned with strong flame.	let-br oil on some of surfaces Strong gaso	core impregnated with light		O		O Hs	ed by conting. Nothcoable	Core in blackta to the to	2 1000 0000 11A	LAT LEVEL VII &	pocani	cero aroma. Few striated	ADD.	S		00			23	by 10/0x/xx	porosity good, 0.	outs. Apparent	Gas & lgt. oil thruout.FMD	このないない。 まくている	Texes of the second of the sec	ers 1/8" to #" th or	10 E	parant dip 3	(Sh. or siltstone)			
	12/23/36	Good amber	normally	I Lame	Strong gaso	th Lent		E.		t in 6 mrs.	000001010	です。それらしてもな			-	ではいいでのの	debolets.				78) P. P. P.		e E	th content	ato sotola	thruout. F&D	ear planes	overal.	th of fine	100) care)	e de la companya de l		

Core Brrel

Page 9

	2/5 Elliott * 6266 Drag	2/5 Hughes 6258	2-4 Hughes F 6248 Rock	Hughes # 6238	2-4 Hughes * 6228	2-5 Hughes 7-5/8 6218 6228
	6276 9,	6266 2.	ිසි රූපියි වි	6248 4	8 6238 10	6228 2
	9, T-Gr	2° F-67	Good flash, 2 hrs, to c	on stage	Dk brn on 10 T-Gry F including	6 T-Gr F-H Clearage & arr
slickensided shear with free oil. Di	S&Fri VF-M E but P fine sd mixed with med. small inc-F lusion of dk.br.shale @ 6267.	pc of rubber comenting plug lodged in bbl. No gas F-VH M Pieces, but only few fractures, Piece F of wood lodged bet, ball & seat at ton	Gasc odor. Cleav	strong gasoline odor, dk. amber cuts. Turning to dk-brn on stdg. Definite dip at bottom 10°. 1½ hrs. to core. Therefore Wri-VF F E 2 of this portion breaks into 1 F F F F F F F F F F F F F F F F F F	Dk brn on stdg. 3 Hrs. to core. The state of	F-H M-VC F Describe pebblets as in 6228-58 F se & arrangement of mica flakes indicate gentle dip ted for gas. Strong gaso ofor Nr amber out a time

T. W. C.

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Shoe very duri, worm off smooth.	Throut core, no gas flash. Dk br outs	rive-silty F 50 ft oil sd with seams & kreg- sions of dk br crumbly shale aggregating lift. of shale. Many small sheep planes.	633	Two ak or #11tstone &h		• B		spell at bottom. Dr amber-br out. Good odor Gas Ilash. Free oil	Di sheer to break,	を受ける。 またのから、 のでは、 できない できます。 できない はない できない できない できない できない できない できない できない でき		77 0 70
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shell with imbedded rdid small pebbles, mostly blk. chert.	ť/a		Ş	Č				
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			Pag 011 sc/1 0.0 layer calc. sa	}	Wists to versical shear planes. Dip 10%.	Inc. 0.2 persua & O.1. colo.		And						c.jr	repulse rounded, wrany black.			, comme		Faco a & F Bended blk. hornblendersike (0.8.					(87) - Mary Makana San Desident Salah S
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top o					BIK-Br			BIK-BY H		BLK-157 II				0 00.08
Much of oil so. mixed with much, white coating on top of mud. Testes salty; prob N.Cl. Outs lt. amber to dk. brown.	Massivo Carb. Mat. & Torums. Conch. breaks		Say siltstone/carb, mab, & many white specks		Siltstone Forens	One slickensided fracture or shear plane,	Excellent 7'dips, Dr br cuts.	(/2	Page 4		l'aj	Massive Morsing	THE CO.	

Cores Iv. 6439 to 6472 described by B.W.S. 5/24/37.

DIVISION OF OIL AND GAS

Report on Test of Water Shut-off

		No. T	-31635
	Los Angoles,	Calif. February 17.	19.37
Mr. James C. Gilbert.			
Los Angeles,	Calif.		
Agent for BAN	SDALL OIL COMPANY		
DEAR SIR: "BANGHO S	AN FRANCISCO", Sec. 26 T.	4n. , R. 17v. , S. B.	B. & M
Newhall	Field, in Los An	©108 County, w	as tested fo
	29		
	Time and date prescribed in Section 19, Ch		
	J. C. Gilbert, Agent,		
were also present	and L. E. Fosler, Drill:	tur Tanaman	
Location of water tested	6160 and normal	fluid level not reported	
Depth and manner \ 0400 ft	of 8-5/8 in 36 lb. of in lb.	asing was { cemented } in	ele
Gran ft	oflb.)	For	mation
at t. with	sacks MOMMAN OIL WOLL	cement by casing	metho
Water string was landed in	12t" rotary 8" cem. 190': 8-5/8" as abo	·	hol
, 			
The second secon	5160 E16	6369	
	t. Hole bridged from 6168 ft. to 616		
At time of test depth of hole measure	ed ft. and bailer brought up san	mple of See Delow	
At 360 below Time and date	oil bailed to	ft., drilling fluid bailed t	of
At	oil bailed totop of oil found at	ft., top of fluid found at	f1
Time and date GILRERY REPORTED THE FOL			
A 122" rotary hole was d			. 1
The top of the first oil	sand was located at 6168'	•	
No casing test was made.			4.5
	illed out of the 8-5/8" ca		
	run into the hole on 144 di	rill pipe, containing 100	O' of m
fluid, as a cushion. The wall packer was set	-		
INSPECTOR NOTED THE FOLL	OVIVO:		
	ned at 9:30 a. m., and rem	sined open for 30 minutes	. Duri
	a moderate, steady blow of		
459	air for the next 7 minute	s; and weak, intermittent	puffs
air for the remainder of	the test.		
		CONTINUED ON PAGE 2.)	
	R. D. BUSH	winterman on them e.l	ž.
	State Oil and	1 Gas Supervisor	

DIVISION OF OIL AND GAS

Report on Test of Water Shut-off

No.	T 1-31635	
Pag	e	

Special Report on Operations Witnessed

BARESDALL OIL COMPANY			
			"我来,我们们的我是
Well No. "RANCHO SAN FRANCISCO" 1 Sec. 26	т. 47.	R 17%.	8. D. R.& M.

2. The fluid between the drill pipe and the 5-5/8" casing remained stationary during the time that the valve was open.

3. When the drill pipe was removed 22' of medium mod fluid, equivalent to 0.3 bbl., was found in the drill pipe, in addition to the 1000' of fluid, used as a cushion.

4. Water filtered from fluid taken from bottom tested 56 grains of salt per gallon.

The test was completed at 2:00 p. m.

THE SHUT-OFF IS APPROVED.

co- Company ERMA:G

W.T.

R. D. BUSH

State Oil and Gas Supervisor

By Huguenin P Deputy

DIVISION OF OIL AND GAS

Report on Proposed Operations

		_ 	No. P 1-30291
	-Los Angeles,	Calif. January	15 19.37
Mr. James C. Gilbert,	<u> </u>		
Los Angeles,	Calif. 1		
Agent for BARNEDA	LL OIL COMPANY		
Dear Sir:			
	proposal to	veludevisers t	Barania an Gall middings. An Washington and New John office alth.
Section , T.L., R.179. S.	B. & M., Newhall	Field, Total	County,
dated Jan. 11, 1937, received 3	(Correction Le	tter 2-10-37) ed in conjunction with re-	cords filed in this office.
	by the records and the proposal are a		
E NOTICE STATES:			
he new conditions are as foll			
L8-5/8" S4.5# casize cemented	at 1901		

PROPOSAL:

Denth 6215

011 Sand 6168-6215"

THE

"We now propose Coment 8-5/8" 36# casing at 6160' leaving a coment plug or bridge from 6168-6160'. Drill out to 6163' Test water shut-off."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT this division shall be notified to witness a test of the effectiveness of the 5-5/8" shut-off.

R. D. BUSH

State Oil and Gas Supervisor

Huzulin

CALIFORNIA STATE MINING BUREAU

DEPARTMENT OF PETROLEUM AND GAS

DIVISION OF ON AND GAS RECEIVED VAN 1.5 1937

108 ACHEL CLASSIAN

SUPPLEMENTARY NOTICE

	Los Angeles	Cal January 14 19x37
MR. E. Huguenin	:	
Deputy State Oil and Gas Supervisor		
Los Angeles,	Cal.	
DEAR SIR:		
Please be advised that our notice to you dated	August 12,	, 19% 3,6
stating our intention to drill (Drill, deepen, redrill, abandon)	well number Rancho S	an Francisco No. 1
Sec. 26, T. 4 N, R. 17 W.	SB B. & M. Newhall (Correct	1on letter 2-10-379il Field,
Los Angeles		
discovered conditions.		
The new conditions are as follows:		
18-5/8" 84.5# casing cemented Depth 6215'	l at 190°	

We now propose

Cement 8-5/8" 36# casing at 6160' leaving a cement plug or bridge from 6168-6160'.

Drill out to 6163'.

Test water shut-off

sepolies.

Respectfully yours,

BARNSDALL OIL COMPANY

By. J. C. Name of Company)

By. J. C. Siebert

Agent

DIVISION OF OIL AND GAS

Report on Proposed Operations

			No. P. 1.	-29788
	Los Angeles,	CalAv	Enst 12.	19 %
Mr. James C. Gilbert,			(c)	
Los Angeles,				•
Agent for BARWSDALL O			12	
Dear Sir:	14 UUNEANI		1	
		"RANCH	O SAN FRAN	的更加的概能
Your	proposal to deili	Well No	W MOME E MASKY	V. 300"
Section 26, T.4 N., R.17 N., S.B. dated Aug. 8, 1936, received Aug.	B & M Newhall	O:1 T: 11		
dated Aug. 8 19 36 received to	(Correction le	tter geld 37	ogeles	County,
	* **	d m companientom with	records filed in	this office.
			letter 3.	-3-142)
The elevation of the dermine from		Committee of the contract of t	Contract of the Contract of th	or and the same
We estimate that the first waden	. enne sen Teast Is fi	199 feet. 11148.8	1	
aboutfeet, more or less	74 83 30 30	mura be encount	ered at a	depth of
"We propose to use the following s indicated: Size of Casing Weigh 18-5/8" 84.5		w naheu	rended or	* Comented
Well to to be detiled as ing w	PA I A PA COMPANY OF THE PARTY	ons encountered	Cemer	16 60
Well is to be drilled with rotary It is understood that if charge	tools.			
It is understood that if changes cementing or landing casing." DECISION:		A State of the sta		
This division has not sufficient date	a sustinate woman and the			
This division has not sufficient data which oil or gas-bearing formations : a water shut-off should be effected.	Should be annountered a	vo osse an está:	nate of th	e depth at
a water shut-off should be effected.	The second secon	m ours arcinità	, or the d	epth at which
THE PROPOSED DRILLING PROGRAM IS APPRIL. (a) Mud fluid of not less than 70	ROVED, HOWEVER, PROVIDE	D THAT:		
1. (a) Mud fluid of not less than 70 well and the column of mud fluid) lb. per cubic foot sh	All be used in	the drilli	no of the
LOYLY While mulling the death		err frues 20 fi	10 Surface	_ Therefor_
(b) Adequate blow-out prevention times.	Manager about the			
times.	Advance anort on Mill	rided and ready	for operat	tion at all
2. *The 18-5/8" surface casing shall 3. Any hole to be sidetracked at any	be cemented in a substa	ind atoms taken		
filled with cement.	The state of the s	ing of this well	y at or be . shall be	completely
. THIS DIVISION MIST HE MONTHY OR AC	THE PARTY AND A			
\@/ DGIOPO Landing or composition a	THE STATE OF	rements may ha	A	
(b) To witness the cementing of the community of the comm	he 18-5/8" surface casi ctiveness of each name		omerrued 8	t that time.
	The second secon	nte agrel SUMP-	OIT.	

cc-Company ME:ON

Regularist vaived by CH. letter ay 18'36. to Co. a.B.

R. D. BUSH

State Oil and Gas Supervisor-

11/36

STATE OF CALIFORNIA DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

037-12620

Notice of Intention to Drill New Well This notice must be given before drilling begins

NUSSON OF OIL AND GAS RECEIVED AUG 11 1936 TOS TATIFES, CATERDALA

	Los	Angeles,	Cal. Aug	ust 8,	1936
Mr. E. Huguenin					_19 <u>_0</u> _
Deputy State Oil and	Gas Supervisor	•,	•		
	lngeles,				
Dear Sir:		Cal.			• .
In compliance with Section	on 17, Chapter 718. S	Statutes of 1915, as amend			
incention to commence the work	of drilling real Mr.	Ronoha San Dagan	· · · · // · · · // · · ·	0.0	
R.17W	SaBar en a	Newhall	<u>,1860 #1</u> ,	Sec. 26 , T. 4	<u>N</u> ,
R.17W Lease consists of Sections 5214.18 S. a. The well is 1000 feet N.	26,27,28,33, ad 6168.80 E. i	ection letter 2-80,34,35,& W. ± of From Corner "J" (C	Field LOS 377 sec.36 i orrection Cor.Sec.	Angeles In Rancho Sa letter 3-3-42 26.4 N R 1	County. n Fre)
The elevation of the derrick	floor above sea level is	section corners or other corners of legal 1100 1148.81 feet. letter from compa	subdivision) (Correcti	on letter 9-8-	38.
We propose to use the follo	wing strings of casing,	either cementing or landing	g them as here	with "O'Dea" ein indicated:	2, Ro
Size of Casing, Inches	Weight, Lb. Per Foot	New or Second Hand	Depth	Landed or Comente	d
18-5/8"	84.5	New	2001	Cemented	
Additional casing	will depend	upon formations	encount		
			0 220 0 022 0	71000	
			<u> </u>		
Well is to be drilled with rot	ary tools.		-		
It is understood that if chan	ges in this plan become	e necessary we are to notify	you before ce	menting or landing (casing,
We estimate that the first pr	oductive oil or gas sand	d should be encountered at a	depth of abo	ALE was true and these true and true and true and the	feet
ore or less.		•			
	Respec	etfully yours	· · · · · · · · · · · · · · · · · · ·	•	
ldress Petroleum Secu	rities Bldg.	BARNSD	ALL OIL	COMPANY	
			ime of Company		
lephone number Richmon	d 5171	Bo James	c. &	liebert	