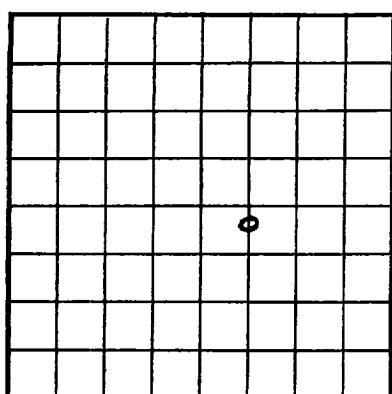




LOCATE WELL CORRECTLY

WORDS OF THE OGC

MAY 10 1958

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **065447**
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company **SOUTHERN CALIFORNIA PETROLEUM** Address **Box 1071, Midland, Texas**
Lessor or Tract **Federal-Bobb "C" CORPORATION** Field **Teas** State **New Mexico**
Well No. **2** Sec. **13** T20S R33E Meridian **NMPA** County **Lea**
Location **2310** ft. **N.** of **S** Line and **1980** ft. **E.** of **E** Line of **Sec. 13** Elevation **3611**
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed C. WarrenDate **September 25, 1958** Title **Division Engineer**

The summary on this page is for the condition of the well at above date.

Commenced drilling **October 31**, 19**57** Finished drilling **March 10**, 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3334** to **3350** **show** No. 4, from _____ to _____
No. 2, from **3358** to **3366** **show** No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **728** to **755** No. 3, from **3448** to **3474**
No. 2, from **3392** to **3414** No. 4, from **3537** to **3540**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8	86	8	SH	1001	TP	521			have string
10-3/4	71	8	SH	521	TP	521			have string
8-5/8	32	8	SH	1001	TP				water string
5 1/2	14	8	Spang	3491	OS & PC		3337-3350	3361-3366	oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	86	none			3 SACK
10-3/4	71	none			5 SACK
8-5/8	1001	500	P&P		
5 1/2	3491	75			

PLUGS AND ADAPTERS

Bridge plug—Material **Cast iron** Length **2.5'** Depth set **3420'**
Adapters—Material **Size 1 sack cement PB-3420-3411'**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1 1/2	60'	W/10,000 gals. oil	10,000 lbs.	10/20		
2 1/2	60'	W/10,000 gals. oil	10,000 lbs.	10/20		

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3/25-5/11/58	Pumped 200 b. load oil & 691 b. water in 45 days.		
	Settled rate of 2.8 BLPD & 14.7 SLPD		
5/12-6/10/58	Idle		
6/11-7/18/58	Pumped 66 b. load oil & 731 b. water in 35 days.		
	Declined to rate of 1.7 BLPD & 20.4 SLPD.		
	168 BLP left unrecovered		

0	75	75	Surface sand, clay, shale & sand
75	110	35	Blue shale
110	630	520	Red beds
630	675	45	Sandy shell
675	728	53	Red beds
728	755	27	Water sand (240' water)
755	765	10	Sandy shell
765	1400	635	Red beds & anhydrite shells.
1400	1450	50	Anhydrite
1450	1545	95	Anhydrite, salt & lime
1545	2920	1375	Salt, polyhalite, anhydrite shells
2920	2993	73	Anhydrite & white dolomite
2993	3130	137	Salt & anhydrite shells
3130	3305	175	Dolomite & anhydrite
3305	3335	30	Dolo., anhy., tight shly. sand (Yates)
3335	3367	32	Shly sand (small oil show) & dolomite
3367	3392	25	light red sand and dolomite

(OVER)

16-43084-2

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Comments or changes to this document should be sent to the following address:

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010573 DRP40

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sinkeracked" or left in the well, give its size and location. If the well has been 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.

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FROM -	TO -	TOTAL FEET	FORMATION
3382	3414	22	Chly. sand (40 hr. ball-test rec.
3414	3426	12	OV Gats. 211 & 150 Gats. salin water.
3426	3433	7	Hard dolomite
3433	3448	15	Chly. dolomite sand
3448	3477	29	fine white loose sand, cystic
3477	3500	23	(1000' salt water in 2 hrs).
3500	3537	37	white-pink dolomite & grey lime
3537	3540	3	dolomite, lime & red sdy. shale
3540			fine white-brown sand - loose
3540			(2000' salt water in 2 hrs).