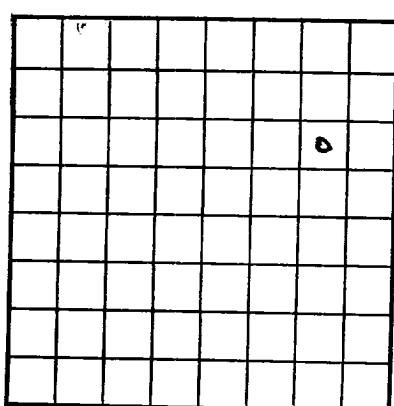


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **065447**
LEASE OR PERMIT TO PROSPECT **Bobb**

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **SOUTHERN CALIFORNIA PETROLEUM** address **Box 1071, Midland, Texas**
Lessor or Tract **Federal-Bobb "C" CORPORATION** Field **Texas** State **New Mexico**
Well No. **3** Sec. **13** T. **20S** R. **33E** Meridian **N.M.P.M.** County **Lea**
Location **1815** ft. **N.** of **N.** Line and **990** ft. **E.** of **E.** Line of **Sec. 13-20-33** Elevation **3612**
(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 **[Signature]**Date **March 5, 1958** Title **Division Engineer**

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

Commenced drilling **Jan. 7**, 19 **58** Finished drilling **Feb. 25**, 19 **58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3321** to **3355** No. 4, from _____ to _____
No. 2, from **3472** to **3480** No. 5, from _____ to _____
No. 3, from **3487** to **3499** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **635** to **653** No. 3, from _____ to _____
No. 2, from **755** to **790** No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	562	14	rd. Spang	3464	Guide	Oil string			
8-5/8	440	14	rd. Spang	3464	Guide	Oil string			
5-7/8	3464	14	rd. Spang	3464	Guide	Oil string			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	562	none			
8-5/8	997	400	P&P	Cat. circ.	10 sax to surface

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
NONE						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **3499** feet, and from _____ feet to _____ feet

DATES

March 1, 19 **58** Put to producing **March 1**, 19 **58**The production for the first 24 hours was **60.2** barrels of fluid of which **95** % was oil; **0** % emulsion; **5** % 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. _____

Casing swab test Feb. 26, 1958, rec. 62 B.O.**AND 100% water in 6 hrs.****E. L. Brooks**, Driller **J. M. Gallagher**, Driller**R. A. Reneau**, Driller **D. R. Turpin**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	130	130	Surface sand, caliche & sand
130	635	505	Red bds.
635	653	18	Water sand (90' water)
653	755	102	Red beds
755	790	35	Water sand (400' water)
790	1385	595	Red beds & anhydrite shells
1385	1415	30	Dry sand & anhydrite
1415	1450	35	Anhydrite
1450	1465	15	Anhydrite & salt
1465	1540	75	Anhydrite & sand
1540	2920	1380	Salt, anhydrite shells, polyhalite.
2920	2963	43	Anhydrite & lime
2963	3130	167	Salt & anhydrite shells
3130	3286	156	Dolomite & anhydrite
3286	3321	35	Dolomite, anhydrite & sand
3321	3355	34	Oil sand, red sand (small oil show)
3355	3370	15	Dolomite, red sand, sandy dolomite
3370	3415	45	Shaley oil sand - no free oil
3415	3480	65	Sandy dolomite w/red sand-small 31.2 gravity oil & water entry 3472-80'.
3480	3487	7	Hard lime.
3487	3499	12	Loose gray-white to pink oil sand.
T.D. 3499			

(OVER)

FORMATION RECORD—CONTINUED

16-43094-1

