

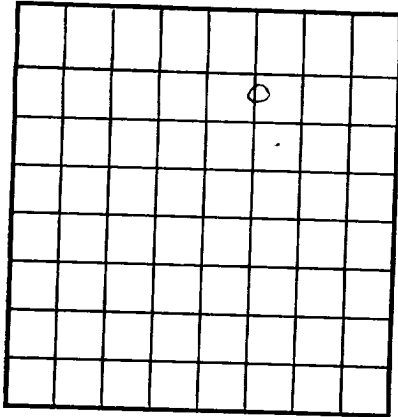
Las Cruces

U. S. LAND OFFICE

065447

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company SOUTHERN CALIFORNIA PETROLEUM CORPORATION Address Box 1071, Midland, Texas
Lessor or Tract Fed-Bobb "C" Field Teas State New Mexico
Well No. 4 Sec. 13 T20S. R. 33E Meridian NMPM County Lea
Location 990 ft. N of N Line and 1650 ft. E of E Line of 13 Elevation 3608
(Denote 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 Harry L. Mitchell
Title Petroleum Engineer

Date January 15, 1959

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

Commenced drilling Nov. 13, 1958 Finished drilling Dec. 14, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3378 to 3415 show No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 730 to 780 No. 3, from 3524 to 3530
No. 2, from 3498 to 3518 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-	
13-3/8		8	SH	117	TP	117			Cave string
10-3/4		8	SH	564	TP	564			
8-5/8	24	8	New	990	TP				Water string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	117	none			3 sax
10-3/4	564				20 sax
8-5/8	990	525	P&P		

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

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

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
H. Richman, Driller
A.R. Sprowls, Driller
_____, Driller
D.J. Hopper, Driller
L. Handerson, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	110	110	Surface sand, clay, shale & sand
110	230	120	Red shale
230	250	20	Blue shale
250	565	315	Red shale
565	730	165	Red sandy shale
730	780	50	Water sand
780	825	45	Red sandy shale
825	865	40	Sandy shale
865	925	60	Red sandy shale
925	940	15	Shale & sand
940	970	30	Red shale
970	1025	55	Red sandy shale
1025	1405	380	Red shale
1405	1440	35	Anhydrite
1440	1460	20	Salt, red shale
1460	1545	85	Anhydrite
1545	1655	110	Salt
1655	1680	25	Anhydrite
1680	1700	20	Red shale
1700	1720	20	Anhydrite & salt
1720	2040	320	Salt, red shale
2040	2900	860	Salt
2900	2905	5	Anhydrite
2905	2925	20	Salt
2925	2950	25	Anhydrite

(OVER)

(OVER)

