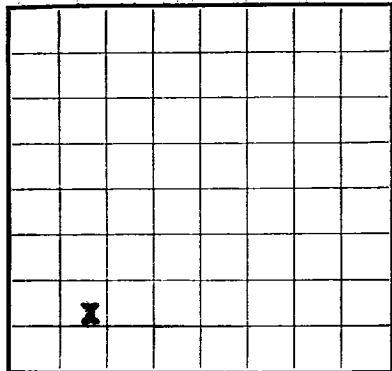




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OIL CON. COM.
DIST. 3 UNIT
DEPARTMENT

U. S. LAND OFFICE **Santa Fe**
078046

SERIAL NUMBER 670046

LEASE OR PERMIT TO PROSPECT _____

GEOLOGICAL SURVEY MAY 29 1962

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Location 990 ft. N. of S Line and 990 ft. E. of W Line of Section 20 Elevation 6485
(Derrick floor relative to sea level)

Signed Original Signed D. W. Meehan

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

Commenced drilling 3-2-53, 1953 Finished drilling 3-16-53, 1953

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 3, from 5286 to 5411 (8) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 2, from _____ to _____ 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—	
9 5/8"	25.4	8 rd	S.W.	162	HOWCO				Surface
7"	23	8 rd	J-55	4597	Baker				Intermediate
4 1/2"	10.5	8 rd	J-55	5374	Baker				Prod. casing
2 3/8"	4.7	8 rd	J-55	5317	Baker				Prod. tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	173	150	circulated		
7"	4607	300	single stage		
4 1/2"	5385	110	single stage		

PLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
5-3-66	Perf P.L. 5328-22; 5302-5296; C.H. 4778-72; 4748-42; 4692-86; 4670-64; Frac w/107,184 gal water, 100,000# sand. Flush w/4116 gal. I.N. 49.3 BPM. MP 3500#, NDP 3100-2300#, tr pr 2500#, 7 stages - 6 drops of 18balls					
3-17-53	Shot with 1770 qts SNG 4651-5431					

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

DATES

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 1,532,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 800 (avg.) **A.O.F. 2222 MCT/D**

EMPLOYEES

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	645	645	Tan cr-grn ss w/thin sh breaks.
645	1426	781	Variegated sh w/thin ss breaks.
1426	2000	574	Tan to gry cr-grn ss interbedded w/gry sh
2000	2150	150	Ojo Alamo ss. Wh cr-grn s.
2150	2750	600	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2750	3053	303	Fruitland form. Gry carb sh, scattered coals and gry, tight, fine-grn ss.
3053	3088	35	Pictured Cliffs form. Gry, fine-grn, tight, varicolored sof t ss.
3088	4656	1568	Lewis form. Gry to wh dense sh w/silty to shaly ss breaks.
4656	4804	148	Cliff House ss. Gry, fine-grn, dense sil ss.
4804	5286	482	Mamfée form. Gry, fine-grn s, carb sh and coal.
5286	5411	125	Point Lookout form. Gry, very fine oil ss w/frequent sh breaks.
5411	5431	20	Mancos form. Gry carb sh.

