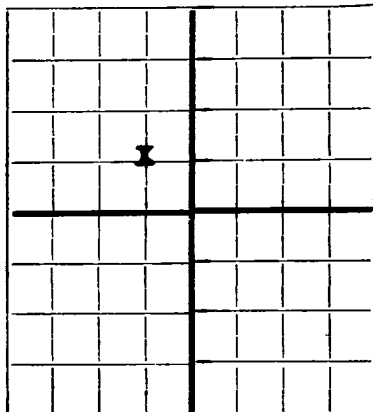


DUPLICATE

FORM C-105

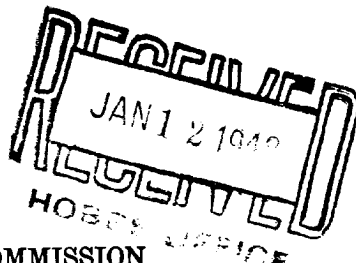
N



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Delfern Oil Company

607 Lubbock National Bank Bldg., Lubbock, Texas

Company or Operator

Address

Lea-State "A"

Well No.

1

in SE 1/4 NW 1/4

of Sec.

8

T. 17-S

Lease

R. 34-E

Vacuum

Field,

Lea

County.

Well is 1980 feet south of the North line and 3300 feet west of the East line of Sec. 8, T-17-S, R-34-E

If State land the oil and gas lease is No. E-1085 Assignment No.

If patented land the owner is. Address.

If Government land the permittee is. Address.

The Lessee is Jack Markham Address Lubbock, Texas

Drilling commenced November 9, 1947 Drilling was completed December 29, 1947

Name of drilling contractor Geo. P. Livermore, Inc. Address Lubbock, Texas

Elevation above sea level at top of casing 4104 feet.

The information given is to be kept confidential until 19.

OIL SANDS OR ZONES

No. 1, from 4670 to 4721 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8-5/8"	28#	8	Natl.	315'	None				Surface
5-1/2"	15.5#	8	Natl.	4299'	Halliburton				Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
10-3/4"	8-5/8"	315'	150	Pump & Plug		
7-7/8"	5-1/2"	4299'	750	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set.

Adapters—Material Size.

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	CHEMICAL USED	QUANTITY	DATE	DEPTH TREATED	DEPTH CLEANED OUT
		1000 gal.		1-1-48	4670-4721'	
		8000 gal.		1-2-48	4670-4721'	

Results of chemical treatment Treated with 1000 and 8000, well swabbed 2 bbls. per hour, and 5 bbls. per hour after second stage.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0 feet to 4410 feet, and from feet to feet

Cable tools were used from 4405 feet to 4721 feet, and from feet to feet

PRODUCTION

Put to producing January 4, 1948

The production of the first 24 hours was 110 barrels of fluid of which 99% was oil; % emulsion; % water; and 1% sediment. Gravity, Be. 37.4

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Ray Allen Rotary, Driller C. B. Palk Rotary, Driller

A. L. Yarborough Rotary, Driller Dave Smith Cable Tool, Driller

FORMATION RECORD ON OTHER SIDE Strickland " " "

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 8th

day of January, 1948

P. A. Linn

Notary Public in and

for Lubbock County, Texas.

My Commission expires June 1, 1949

Lubbock, Texas January 8, 1948

Name

Position Chief Accountant

Representing Delfern Oil Company

Company or Operator

Address 607 Lubbock National Bank Bldg. Lubbock, Texas

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	25	25	Caliche & Lime Rock
25	75	50	Red Shale
75	150	75	Red Shale & Streaks of Sand
150	200	50	Water Sands
200	250	50	Red Shale & Water Sands
250	500	250	Red Shale
500	765	265	Red Beds and Red Rock
765	1200	435	Red Beds and Red Rock
1200	1400	200	Red Beds and Red Rock
1400	1540	140	Red Beds and Red Sand
1540	1680	140	Anhydrite
1680	1800	120	Salt
1800	2010	210	Salt & Anhydrite
2010	2670	660	Salt & Anhydrite
2670	2880	210	Anhydrite & Red Shale
2880	3000	120	Yates Sand & Anhydrite
3000	3120	120	Lime Stringers and Anhydrite
3120	3460	340	Lime Stringers and Anhydrite and Red Shale
3460	3750	290	Anhydrite & Red Shale (Broken)
3750	3810	60	Lime Stringers, Red Shale & Anhydrite
3810	3860	50	Red Sand (Artesia Red Sand)
3860	3910	50	Lime Stringers, Red Shale & Anhydrite
3910	4100	190	Lime Stringer & Anhydrite
4100	4400	300	Lime Stringer & Anhydrite
4400	4440	40	Sandy Lime, Anhydrite & Sand
4440	4480	40	Lime
4480	4570	90	Sandy Lime, Sand
4570	4615	45	Sandy Lime
4615	4640	25	Lime, Sandy lime, Black Shale, Sand
4640	4670	30	White Dolomite
4670	4683	13	Porous Oil Saturated Dolomite (Pay)
4683	4721	<u>38</u>	White Dolomite
		4721	