

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

DELFERN OIL COMPANY

(Company or Operator)

Lea State "B"

(Lease)

Well No. 1 in SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 3, T. -17-S, R. -34-E, NMPM.

Vacuum

Pool,

Lea

County.

Well 330 feet from East line and 2351.66 feet from North line

of Section 3. If State Land the Oil and Gas Lease No. is E-1816

Drilling Commenced 11-7-57, 19... Drilling was Completed 11-30-57, 19...

Name of Drilling Contractor Western Drilling Company

Address Lubbock, Texas

Elevation above sea level at Top of Tubing Head 4057.1 The information given is to be kept confidential until (not confidential), 19...

OIL SANDS OR ZONES

No. 1, from 4665 to 4700 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8	24	New	354	None	None	None	Surface string, cement circulated with 200 ex.
5-1/2	15.5	New	4665	Halliburton Float &	None	None	Oil string, cemented with 200 ex.

Guide Shoe

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4	8-5/8	354	200 ex.	Pump & plug	-	-
7-7/8	5-1/2	4665	200 ex.	Pump & plug	-	-

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

The well was swabbed natural and swabbed 22 B.O. after shut in for 3 days. On 12-4-57 the open hole interval 4665-4700 was acidised with 6,000 gal. acid. Swabbed 3 bbls. fluid per hour cutting 10% acid water after treatment. Then on 12-8-57 acidised with 15,000 gals. acid. Swabbed 5 bbls. fluid per hour cutting 50% acid water after treating. Result of Production Stimulation. After both acid treatments the well was swabbing 5 bbls. of fluid per hour cutting 10% acid water at end of swabbing period.

Depth Cleaned Out...

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

Rotary tools were used from Surface feet to 4665 feet, and from _____ feet to _____ feet.

Cable tools were used from 4665 feet to 4700 feet, and from _____ feet to _____ feet.

Put to Producing.....**12-18-57**....., 19.....

OIL WELL: The production during the first 24 hours was 56 barrels of liquid of which 100 % was oil; - % was emulsion; - % water; and .2 % was sediment. A.P.I. Gravity 36

GAS WELL: The production during the first 24 hours was None M.C.F. plus None barrels of liquid Hydrocarbon. Shut in Pressure - lbs.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Northwestern New Mexico

T. Anhy.....	1610	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1750	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2770	T. Montoya.....	T. Farmington.....
T. Yates.....	2850	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....	3845	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	4305	T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	4625	T. Granite.....	T. Dakota.....
T. Gloricta.....		T.	T. Morrison.....
T. Drinkard.....		T.	T. Penn.....
T. Tubbs.....		T.	T.
T. Abo.....		T.	T.
T. Penn.....		T.	T.
T. Miss.....		T.	T.

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	1640	1640	Sand & Red Shale				
1640	1750	110	Anhydrite				
1750	2770	1020	Salt				
2770	2850	110	Anhydrite				
2850	3845	995	Anhydrite				
3845	3890	45	Sand & Anhydrite				
3890	4305	415	Anhydrite & Dolomite				
4305	T D	387	Dolomite				

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.

December 23, 1957

(Date)

Company or Operator..... **Delfern Oil Company**

Address.....1706 - 14th St., Lubbock, Texas

Name W. A. Alexander

Position or Title.....**Engineer**.....