



# 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 Lea State "C" Lease  
(Company or Operator) (Lease)

Well No. 1, in SE  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , of Sec. 18, T. 17-S, R. 34-E, NMPM.  
Wildcat Pool, Lea County.

Well is 660 feet from South line and 660 feet from East line  
of Section 18. If State Land the Oil and Gas Lease No. is E-1881

Drilling Commenced 5-5-58, 19     Drilling was Completed 9-8-58, 19    

Name of Drilling Contractor Western Drilling Company  
Address Lubbock National Bank Building, Lubbock, Texas

Elevation above sea level at Top of Tubing Head 4098'  
No, 19    . The information given is to be kept confidential until

### OIL SANDS OR ZONES

No. 1, from None - dry hole to     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
13-3/8	48	New	353	Howco	None	None	surface string
8-5/8	24-32	New	4754	Howco	1100	3810-3830	intermediate string
No oil string casing was run							

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17	13-3/8	353	375 sx.	Pump & plug	-	-
11	8-5/8	4754	1500 sx. Pozmix & 200 sx. regular	Pump & plug	-	-

### RECORD OF PRODUCTION AND STIMULATION

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

This well was drilled to a T.D. of 12,011' in Perm. formation and no oil productive zones were found. DST were run from 8835-8825'-recovered 190' mud; 10,431-10,500'-recovered 460' gas cut mud; 10,780-10,880'-recovered 736' gas cut salt water. Well was plugged back and the Queen sand interval from 3810-3830' was perforated and tested. No productive oil was indicated after treating perforations with 500 gls. of mud acid. Well was Plugged and Abandoned on September 30, 1958.

Depth Cleaned Out

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 Surface feet to 12,011 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing No - dry hole, 19

OIL WELL: The production during the first 24 hours was None barrels of liquid of which % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity.

GAS WELL: The production during the first 24 hours was No M.C.F. plus barrels of  
liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.	1545	T. Devonian	
T. Salt.	1620	T. Silurian	
B. Salt.	2745	T. Montoya	
T. Yates.	2800	T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen	3810	T. Ellenburger	
T. Grayburg	4310	T. Gr. Wash.	
T. San Andres	4595	T. Granite	
T. Glorieta	6065	T.	
T. Drinkard	7520	T.	
T. Tubbs		T.	
T. Abo	8200	T.	
T. Penn.	10,900	T.	
T. Miss		T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1545	1545	Sand & Red Shale				
1545	1620	75	Anhydrite				
1620	2745	1125	Salt				
2745	2800	55	Anhydrite				
2800	3810	1010	Anhydrite & some sand				
3810	3855	45	Sand				
3855	8190	4335	Dolomite & some sand & anhydrite				
8190	9290	1100	Red & Green sht dolomite				
9290	9745	455	Dolomite				
9745	11,300	1555	Cherty ls with some sl				
11,300	11,620	320	Brown & black sl				
11,620	11,700	80	Shly ls				
11,700	12,000	300	Shale & shly limestone				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

September 30, 1958

(Date)

Company or Operator Dalfarn Oil Company

Address 1706 Fourteenth St., Lubbock, Texas

Name H. J. Caldwell

Position or Title Engineer