

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

Buffalo Oil Company et al
(Company or Operator)

Delhi-State
(Lease)

Well No. 14, in NE 1/4 of NW 1/4, of Sec. 22, T. 17, R. 28, NMPM.
Empire-Pennsylvanian Pool, Eddy County.

Well is 990 feet from North line and 1650 feet from West line
of Section 22. If State Land the Oil and Gas Lease No. is B-11538-1

Drilling Commenced Dec. 11, 1954 Drilling was Completed March 21, 1955

Name of Drilling Contractor Western Drilling Co. Inc.

Address Lubbock, Texas

Elevation above sea level at Top of Tubing Head 3605 DF The information given is to be kept confidential until not confidential, 19

OIL SANDS OR ZONES

No. 1, from None to None 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 None 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	54.5	New	526.22'	Guide			Surface
8 5/8	24	New	1995.68	Float			Intermediate

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 1/2	13 3/8	545	400	HOMCO		
12 1/2	8 5/8	1996	910 (circ)	HOMCO		

RECORD OF PRODUCTION AND STIMULATION

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

DST#1, 7074-7120, open 3 hrs. Recov. 1740' gas / 600' sl oil & gas cut mud / 90' hvy. oil & gas cut mud FP 135-335, 20 min. SIP. 535. DST#2, 7165-7280 open 3 1/2 hrs. Gas to surface in 9 min. Reversed out 1400' free oil / 2170' oil & gas cut mud. Gravity 43°. Recov. 40' oil, trace salt water. FP 140-720, 20 min. SIP 2095%. DST#3, 7804-7856 open 2 hrs. weak blow. Recov. 450' mud cut sulfur water / 6600' sulfur water. FP 925-3060, 20 min SIP 3060. DST#4, 9846-10,086', open 45 min. weak blow died in 5 min. Recov. 1500' water blanket / 150' hvy. st gas cut mud. FP 0, 30 min. SIP 175#. Cored 9985-10,029'. Recovery 100% Shale. Depth Cleaned Out:

ORD 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 10,180 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Dry Hole, 19.
OIL WELL: The production during the first 24 hours was Dry Hole barrels of liquid of which % was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity.
GAS WELL: The production during the first 24 hours was 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.		T. Devonian	
T. Salt.		T. Silurian	
B. Salt.		T. Montoya	
T. Yates		T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen		T. Ellenburger	
T. Grayburg		T. Gr. Wash.	
T. San Andres		T. Granite	
T. Glorieta	3235	T.	
T. Drinkard	4740	T.	
T. Tubbs		T.	
T. Abo	5420	T.	
T. Penn. Huaco	5720	T.	
T. Miss. Reef	7735	T.	
T. Atoka	8490	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	140		Shale Shells	9486	9501		Lime & sand
140	905		Lime, anhy. & shale	9501	9687		Lime, w/shale streaks
905	1000		Anhydrite & sand	9687	9701		Lime, shale, & sand
1000	2141		Lime, anhy. & shale	9701	9720		Lime, sand & chert
2141	2279		Lime	9720	9825		Lime
2279	2358		Anhydrite & lime	9825	9977		Lime, sand & shale
2358	2661		Lime	9977	9990		Sand & shale
2661	2675		Lime & sand	9990	10160		Sand & shale
2675	5042		Lime	10160	10190		Dol., lime, sand & shale
5042	5066		Lime & sand				
5066	5409		Lime				
5409	5495		Lime & chert				
5495	5650		Lime				
5650	5722		Lime & shale				
5722	5965		Lime, Dol. & shale				
5965	6014		Lime, chert & shale				
6014	6297		Lime & shale				
6297	6936		Lime, Dol. w/shale streaks				
6936	7491		Lime				
7491	7584		Lime & shale				
7584	8040		Lime				
8040	8210		Lime & shale				
8210	8231		Lime & sand				
8231	8319		Lime & shale				
8319	8486		Lime				

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.

April 5, 1955 (Date)
Company or Operator Buffalo Oil Company. Address Artesia, New Mexico
Name Ralph L. Gray Position or Title Dist. Subt.