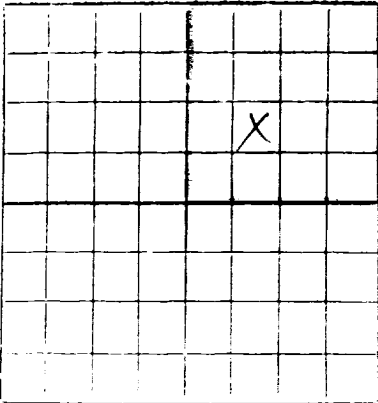




NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico
NORRIS OFFICE 000

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

(Company or Operator)

State "B"

(Lease)

Well No. 2, in SW 1/4 of NE 1/4, of Sec 16, T 17S, R 32E, NMPM.

Undesignated

Pool,

Lea

County.

Well is 1650 feet from North line and 1650 feet from East line

of Section 16. If State Land the Oil and Gas Lease No. is

Drilling Commenced July 8, 1956 Drilling was Completed August 2, 1956

Name of Drilling Contractor Alexander Drilling Company

Address

Elevation above sea level at Top of Tubing Head 4062
not confidential The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 4159' to 4202'	No. 4, from 3888' to 3819'
No. 2, from 4024' to 4041'	No. 5, from 3741' to 3700'
No. 3, from 3927' to 3935'	No. 6, from 3656' to 3642'
	3638' to 3606'

IMPORTANT WATER SANDS

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

No. 1, from	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	126'	Plain			Surface
5 1/2	14#	New	4018'	Plain			Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8 5/8	138'	100	Plug			cement circulated
7 5/8	5 1/2 4027	700	Plug			

RECORD OF PRODUCTION AND STIMULATION

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

Perfs: 3984-76, 3740-30, 3705-3700. Fraced with 4000 gal. gelled lease crude, 2000# sand. Not productive.

Perfs: 3160-88', Fraced with 16,800 gals. water and 1/4#/gal. sand

Result of Production Stimulation Perfs: 3160-88. After frac - Potentialled for 1,100 MCFPD.
BHP at 3195' 590 psi.

Depth Cleaned Out

WORD OF DRILL-STEM AND SPECIAL

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

PRODUCTION

Put to Producing, 19.

OIL WELL: The production during the first 24 hours was 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 1,100 M.C.F. plus none barrels of liquid Hydrocarbon. Shut in Pressure 590 lbs. Length of Time Shut in 48 hrs.

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.	873	T. Devonian	T. Ojo Alamo
T. Salt		T. Silurian	T. Kirtland-Fruitland
B. Salt	2045	T. Montoya	T. Farmington
T. Yates	2234	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	2552	T. McKee	T. Menefee
T. Queen	3160	T. Ellenburger	T. Point Lookout
T. Grayburg	3564	T. Gr. Wash	T. Mancos
T. San Andres	3898	T. Granite	T. Dakota
T. Glorieta		T.	T. Morrison
T. Drinkard		T.	T. Penn
T. Tubbs		T.	T.
T. Abo		T.	T.
T. Penn		T.	T.
T. Miss		T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface							
	873	873	Sd and Sh.				
873	2045	1172	Anhy & salt				
2045	2234	189	Anhy sd and dolo				
2234	2552	318	Anhy, dolo & sd.				
2552	3160	608	Anhy. and sand				
3160	3564	404	Sand, anhy. & dolo				
3564	3898	334	Sd, dolo & sand				
3898	TD		Dolo & sand				

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.

Sept. 24, 1956 (Date)
Company or Operator: BUFFALO OIL COMPANY Address: 203 Carper Bldg.
Name: [Signature] Position or Title: Dist. Supt.