

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE O. C. C.  
Nov 19 11 48 AM '65

## 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 QUINTUPPLICATE. If State Land submit 6 Copies

George L. Buckles Company

Liberty

(Company or Operator)

(Lease)

Well No. 4, in SW 1/4 of SW 1/4, of Sec. 3, T. 25-S, R. 37-E, NMPM.

Langlie-Mattix

Pool, Lea

County.

Well is 330 feet from South line and 990 feet from West line

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

Drilling Commenced August 30, 1965 Drilling was Completed October 9, 1965

Name of Drilling Contractor E. F. Henderson

Address P. O. Box 531 - Monahans, Texas

Elevation above sea level at Top of Tubing Head The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from 3380 to 3400 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 450 to 470 feet Elev. 250'

No. 2, from to feet

No. 3, from to feet

No. 4, from 1200 to 1225 feet Rustler 350' Elev.

## CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10 3/4"		Used	80'		80'		Water shut off
8 5/8"	20	New	648'	Regular			Water shut off
7"		Used	1229'		1229'		Water shut off
4 1/2"	9.5	New	3350.5	Guide			Water shut off

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15 1/2"	10 3/4"	80'	Pulled			
10"	8 5/8"	650'	245	Pump & Plug		
8"	7"	1229'	Pulled			
6"	4 1/2"	3350'	100	Pump & Plug		

## RECORD OF PRODUCTION AND STIMULATION

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

Fractured Queen formation with 5000 gallons of refined oil and 10,000 pounds of

20/40 sand on October 25, 1965.

Result of Production Stimulation

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 0 feet to 3544 feet, and from 3544 feet to 3544 feet.  
 Cable tools were used from 0 feet to 3544 feet, and from 3544 feet to 3544 feet.

**PRODUCTION**

Put to Producing November 2, 1965

OIL WELL: The production during the first 24 hours was 33.15 barrels of liquid of which 89 % was oil; 0 % was emulsion; 11 % water; and 0 % was sediment. A.P.I. Gravity 36.7°

GAS WELL: The production during the first 24 hours was 0 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 0 lbs.

Length of Time Shut in 0

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

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	1030		T. Devonian		T. Ojo Alamo
T. Salt	1130		T. Silurian		T. Kirtland-Fruitland
B. Salt	2460		T. Montoya		T. Farmington
T. Yates	2523		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	3380		T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres			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
0	30	30	Caliche	3405	3460	55	Sandy shale
30	420	390	Shale	3460	3544	84	Lime
420	460	40	Lime and sand				
460	1030	570	Shale				
1030	1130	100	Anhydrite				
1130	1190	60	Salt				
1190	1249	59	Anhydrite and shale				
1249	1990	741	Shale, salt and anhydrite				
1990	2460	470	Anhydrite and salt				
2460	2580	120	Anhydrite				
2580	2650	70	Lime, anhydrite and shale				
2650	2840	190	Anhydrite and shale				
2840	2916	76	Anhydrite				
2916	2955	39	Anhydrite and sand				
2955	3045	90	Lime and anhydrite				
3045	3185	140	Lime				
3185	3255	70	Lime and sand				
3255	3405	150	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.

November 17, 1965  
(Date)

Company or Operator George L. Buckles Address P. O. Box 56 - Monahans, Texas

Name John A. Bates Position or Title Office Manager