

**Santa Fe, New Mexico**

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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**George L. Buckles**  
(Company or Operator)

**Knight**  
(Lease)

Well No. 13, in SE  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , of Sec. 21, T. 24-S, R. 37-E NMPM

**Langlie-Mattix**

**Pool,**

Lea

County.

Well is 5 feet from East line and 55 feet from South line  
of Section 21. If State Land the Oil and Gas Lease No. is \_\_\_\_\_

Drilling Commenced.....September 20....., 19 64 Drilling was Completed.....November 2..... 19 64

Name of Drilling Contractor..... **E. P. Henderson**

Address.....

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

No. 1, from 3490 to 3540 No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

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

No. 1, from	483	to	525	feet.	Standing 250
No. 2, from	1185	to	1194	feet.	Standing 250
No. 3, from		to		feet.	
No. 4, from		to		feet.	

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10	32.00	Used	168	Regular	168	-	Water Shut Off
8-5/8	22.37	New	799	Regular	-	None	Water Shut Off
7	23.00	Used	1197	Regular	1197	-	Water Shut Off
4-1/2	9.50	New	3387	Regular	-	None	Oil String

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15-1/2	10	168	-	-	-	-
10	8-5/8	799	400	Pump & Plug	-	-
8	7	1179	None	-	-	-
6-1/4	4-1/2	3387	100	Pump & Plug	-	-

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

**None - Drilled for water injection only**

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

## PRODUCTION

Drilled for water injection only

Put to Producing....., 19.....

OIL WELL: The production during the first 24 hours was.....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.....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.....	1068	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1305	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2544	T. Montoya.....	T. Farmington.....
T. Yates.....	2640	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	2975	T. McKee.....	T. Menefee.....
T. Queen.....	3400	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	108	108	Sand				
108	485	377	Shale				
485	525	40	Sand (water)				
525	1068	543	Shale				
1068	1185	117	Anhydrite				
1185	1194	9	Sand (water)				
1194	1209	15	Anhydrite & Shale				
1209	1305	96	Shale				
1305	1370	65	Salt				
1370	1475	105	Anhydrite, Shale & Salt				
1475	1645	170	Anhydrite & Salt				
1645	1831	186	Anhydrite, Shale & Salt				
1831	2544	713	Anhydrite & Salt				
2544	2835	291	Anhydrite & Lime				
2835	2885	50	Lime & Shale				
2885	3490	605	Lime				
3490	3540	50	Lime & Sand				
3540	3555	15	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 25, 1964

(Date)

Company or Operator.....George L. Buckles

Address.....P. O. Box 56 - Monahans, Texas

Name.....John A. Bates (John A. Bates)

Position or Title.....Office Manager