

Santa Fe, New Mexico

AUG 31 8 46 AM '64

**AREA 640 ACRES
LOCATE WELL CORRECTLY**

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

Knight

Well No. 10, in SW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 22, T. 24-S, R. 37-E **NMPM**

Langlie-Mattix

..Pool,

Lea

..County.

Well is 1315 feet from South line and 1315 feet from West line

of Section 22..... If State Land the Oil and Gas Lease No. is -.....

Drilling Commenced November 2, 1963 Drilling was Completed December 11, 1963

Name of Drilling Contractor.....**Harry S. McMahon Co.**....., 19.....

Address.....Royalty, 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 3420 to 3438 No. 4, from 3439 to 3457

No. 2, from to No. 5 from

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 505 to 515 feet. **225' from surface**

No. 2, from 1160 to 1200 feet. " " "

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

CASING RECORD							
SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4	32.75	Used	148	Regular	148	None	Water shut off
8-5/8	22.37	New	803	Regular	-	-	Water shut off
7	23.0	Used	1359	Regular	1359	-	Water shut off
4-1/2	11.60	New	3381	Larkin	-	-	Oil string

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"	10-3/4	147	None	-	-	Unknown
10"	8-5/8	801	420	Pump & Plug	-	
8"	7	1359	None	-	-	
6-1/4"	4-1/2	3381	75	Pump & Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

(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.

ECOI OF DRILL-STEM AND SPECIAL T TS

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. **surface** feet to. **3555** 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.....	1035	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	1177	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2422	T. Montoya.....	T. Farmington.....
T. Yates.....	2675	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....	2950	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	80	80	Caliche & Sand	3157	3253	96	Lime & Anhydrite
80	148	68	Sand & Shale	3253	3412	159	Lime
148	505	357	Shale	3412	3437	25	Sand, Lime & Shale
505	515	10	Sand	3437	3555	118	Lime, sand & Anhydrite
515	605	90	Sand & Shale				
605	1035	430	Shale				
1035	1139	104	Anhydrite				
1139	1149	10	Shale				
1149	1156	7	Rustler				
1156	1177	21	Sand, Shale & Anhydrite				
1177	1207	30	Salt & Shale				
1207	1344	137	Shale				
1344	1680	336	Anhydrite & Salt				
1680	2422	742	Anhydrite, Salt & Shale				
2422	2572	150	Anhydrite				
2572	2600	28	Lime				
2600	2661	61	Lime & Anhydrite				
2661	2800	139	Anhydrite & Shale				
2800	2936	136	Anhydrite & Lime				
2936	3086	150	Lime				
3086	3107	21	Lime & Sand				
3107	3157	50	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.

Company or Operator.....**George L. Buckles**.....Address.....**P. O. Box 56 - Monahans, Texas**.....
 Name.....**John A. Bates**.....Position or Title.....**Office Manager**.....
 August 27, 1964
 (Date)