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NEW MEXICO OIL CONSERVATION COMMISSION

State of New Mexico

WELL RECORD

HOBBBS OFFICE O. C. C.	
Aug 31 8 47 AM '64	
12	

Mail to District Office, Oil Conservation Commission, to which Form O-101 was sent not later than twenty days after completion of well. Follow instructions to Rules and Regulations of the Commission. Submit in **QUINTUPPLICATE** 11 State Land Office Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Knight
(Lessee)

Well No. **12** in **SE** $\frac{1}{4}$ of **36** **21** T. **24-S** R. **37-E**, NMPM.
Langlie-Mattix Lea County.

Well is **1315** feet from **East** **5** feet from **South** line
of Section **21** N State Land the Oil and Gas Lease the

Drilling Commenced **December 13** 19**63** Drilling was Completed **March 1** 19**64**

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

Address **Royalty, Texas**

Elevation above sea level at Top of Tubing Head **-**
The information given is to be kept confidential until
19**64**

OIL SANDS OR ZONES

No. 1, from **3440** to **3470** feet.
No. 2, from **3470** to **3500** feet.
No. 3, from **3500** to **3530** feet.
No. 4, from **3530** to **3560** feet.

IMPORTANT WATER SANDS

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

No. 1, from **485** to **550** feet. **250' from surface**
No. 2, from **1150** to **1200** feet. **" " "**
No. 3, from **1200** to **1234** feet. **" " "**
No. 4, from **1234** to **1387** feet. **" " "**

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	END OF SHOE	OUT AND PULLED FROM	PERFORATIONS	PURPOSE
10-3/4	32.75	Used	148	Regular	148	None	Water shut off
8-5/8	22.37	New	833	Regular	-	-	Water shut off
7	23.0	Used	1234	Regular	1234	-	Water shut off
4-1/2	9.50	New	3387	Large	-	-	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	148	None	-	-	-
10	8-5/8	833	425	Pump & Plug	-	Unknown
8	7	1234	None	-	-	-
6-1/4	4-1/2	3387	100	Pump & Plug	-	-

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qt. 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 **surface** feet to **3562** feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing **Drilled for water injection only**, 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..... 1085	T. Devonian.....	T. Ojo Alamo.....
T. Salt..... 1246	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt..... 2508	T. Montoya.....	T. Farmington.....
T. Yates..... 2654	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers..... 2976	T. McKee.....	T. Menefee.....
T. Queen..... 3378	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	115	115	Caliche, Sand & Gravel				
115	507	392	Shale				
507	557	50	Sand & Shale				
557	1085	528	Shale				
1085	1198	113	Anhydrite				
1198	1210	12	Sand				
1210	1246	36	Anhydrite & Shale				
1246	1985	739	Anhydrite, Salt & Shale				
1985	2508	523	Salt & Anhydrite				
2508	2575	67	Anhydrite & Lime				
2575	2728	153	Lime				
2728	2933	205	Anhydrite & Shale				
2933	3015	82	Anhydrite, Sand & Shale				
3015	3079	64	Lime				
3079	3133	54	Sand & Lime				
3133	3203	70	Lime				
3203	3225	22	Lime & Sand				
3225	3375	120	Lime, Sand & Anhydrite				
3375	3445	70	Lime, Anhydrite				
3445	3540	95	Sand, Lime & Shale				
3540	3562	22	Sand & Dolomite				

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.....**Office Manager**

August 27, 1964
(Date)