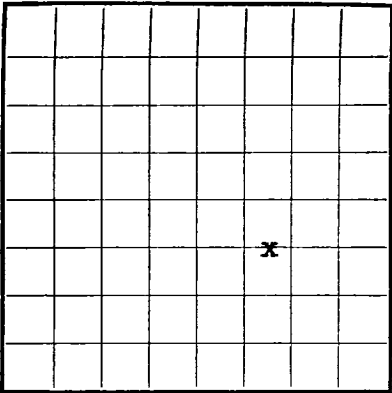


U. S. LAND OFFICE
SERIAL NUMBER **LC 056927 A**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Bogle Farms, Inc.** Address **BOX 763 ALBUQUERQUE, NEW MEXICO**
Lessor or Tract **El Paso Natural Gas** Field **Jalmat** State **New Mexico**
Well No. **1** Sec. **13** T. **26S** R. **36E** Meridian **NMPM** County **Lea**
Location **1980** ft. **N.** of **S.** Line and **1650** ft. **E.** of **E.** Line of **Section 13** Elevation **2980**
800 (Derrick floor relative to sea level)
The information given herewith is a complete and correct record of the well and all work done thereon
so far as can be determined from all available records.
Signed **A. L. Smith**
Date **January 10, 1963** Title **Agent**

The summary on this page is for the condition of the well at above date.
Commenced drilling **December 10**, 19 **62** Finished drilling **December 19**, 19 **62**

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from **3206** to **3210** No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from **Rotary hole - none logged** No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8 5/8	21.4	8R	SH	358	Texas Pattern				Surface
4 1/2	9.54	8R	New	3260	Float		3206	3210	Oil String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	358	200	Pump & Plug		
4 1/2	3260	100	Pump & Plug		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from **0** feet to **3263** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

Put to producing **December 23**, 19 **62**
The production for the first 24 hours was **185** barrels of fluid of which **30** % was oil; %
emulsion; **70** % water; and % sediment. Gravity, °Bé. **29.6**
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

D. G. Knott, Driller **L. W. White**, Driller
D. A. May, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	Surface sands & caliche
300	1160	860	Red beds
1160	1300	140	Anhydrite & shale
1300	2800	1500	Salt & anhydrite
2800	2880	80	Anhydrite & gypsum
2880	2975	95	Shale & anhydrite
2975	3150	175	Sand & anhydrite
3150	3263	113	Lime with sand & shale streaks
Electric Log Tops:			
			Anhydrite 1164
			Salt 1288
			Base Salt 2795
			Yates 2974
			Seven Rivers 3158
			Seven Rivers reef 3193
DST #1 from 3189 to 3212. Tool open 1 1/2 hours. Gas to surface in 3 min, good blow throughout test. Recovered 71' oil & 1,000' salt water.			

