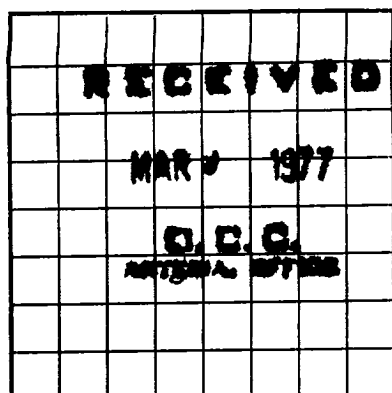


U. S. LAND OFFICE **LAS CRUCES**
SERIAL NUMBER **028982**
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company PLOYHAR & ROOK Address Artesia, New Mexico
 Lessor or Tract Dates Field Loco Hills State New Mexico
 Well No. 1 Sec. 15 T. 18S R. 30E Meridian N.M.P.M. County Eddy
 Location 1650 ft. [N.] of S Line and 2310 ft. [E.] of W Line of 15 Elevation 3522
 (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 Carl Hoxnar

Date _____ Title Partner

The summary on this page is for the condition of the well at above date.

Commenced drilling _____, 19____ Finished drilling 2/5/19, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3145 to 3155 No. 4, from _____ to _____
 No. 2, from 3155 to 3165 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 365 to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-1/4"	530	100			
7"	1700		5 Tons Heavy Mud		

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
		Nitroglycerine	80	5-28-40	3145-65	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

Cable tools were used from T.D. _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

Put to producing July 1, 1940

The production for the first 24 hours was 40 barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

EMPLOYEES	
Chas Shannon _____, Driller	_____, Driller
J. J. Rook _____, Driller	_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20		Sand
20	90		Red Beds
90	110		Brown Shale
110	200		Red Rock
200	330		Broken Red Beds & Sand
330	365		Red Shale - WTR Sand 365'
365	557		Gyp & Red Rock
557	1250		Salt, broken —
1250	1418		Salt & Anhydrite —
1418	1705		Anhydrite
1705	1860		Anhydrite & Lime
1860	1960		Broken Anhydrite
1960	2000		Gray Lime
2000	2682		Lime & Anhydrite
2682	2732		Red Sand —
2732	2875		Broken Anhydrite & Lime
2875	3068		Gray Lime
3068	3078		Brown Sandy Lime
3078	3115		Gray Lime
3115	3123		Sandy lime
3123	3145		Gray Lime
3145	3155		Sand
3155	3165		Sandy Lime
	T.D.		