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Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE New Mexico
SERIAL NUMBER LC-062269-A
LEASE OR PERMIT TO PROSPECT

HOBBS OFFICE OCC

1962 DEC 4 AM

DEC 3 1962

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Charles B. Read Address Box 1822, Roswell, New Mexico

Lessor or Tract Bradley-Federal Field Double-X State New Mexico

Well No. 3 Sec. 22 T. 24S R. 32E Meridian NMP County Lea

Location 660 ft. {N./S.} of N Line and 660 ft. {E./W.} of E Line of Section 22 Elevation 3595GL
(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

Date November 19, 1962 Title Operator

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

Commenced drilling 11-3, 19 62 Finished drilling 11-11, 19 62

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 4921 to 4975 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 to 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 From—	Perforated To—	Purpose
8-5/8	24	8rd.	J&L	390	FAL				Surface
4-1/2	9.5	8rd.	J&L	4980	FAL		4921	4925	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	390	200	Pump & Plug	-	-
4-1/2	4980	50	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 4980 feet, and from feet to feet

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

DATES

, 19 Put to producing November 16, 1962

The production for the first 24 hours was 64 barrels of fluid of which 62 % was oil; 1 % emulsion; 37 % water; and % sediment. Gravity, °Bé. 38

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Leatherwood Drilling Co., Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	60	60	Sand & Red Bed
60	390	390	Red Bed and Anhydrite
390	850	460	Sand & Lime
850	1410	560	Anhydrite
1410	1724	314	Salt & Anhydrite Streaks
1724	3232	1508	Salt & Anhydrite
3232	4085	853	Anhydrite
4085	4260	175	Salt
4260	4370	110	Anhydrite
4370	4551	181	Salt & Anhydrite Streaks
4551	4595	44	Salt Base of Salt
4595	4828	233	Anhydrite
4828	4868	40	Lime
4868	4967	99	Sand & Lime
4967	4980	13	Sand Total Depth

GEOLOGICAL TOPS

Rustler - 1,088
Base of Salt - 4,596
Lamar - 4,825
Delaware Sand - 4,872

FOLD | MARK

[OVER]

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Core No. 1 - 4968-4918 Recovered 50' Sand and Shale

Core No. 2 - 4918-4967 Recovered 49' Sand and Shale

Sandfrac Perfs. 4924-25 with 2500 gallons lease oil with 1-1/2 lbs. /gal.