Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 04591
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company John H. Trigg Address P. O. Box 5629 Roswell, N.M.

Lessor or Tract Federal "T" Field E-K Queen State New Mexico

Well No. 15-13 Sec. 13 T. 18S R. 33E Meridian N.M.P.M. County Lea

Location 990 ft. [N.] of N Line and 330 ft. [E.] of W Line of Section 13 Elevation 3976
(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 [illegible]

Date May 20, 1958 Title Geologist

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

Commenced drilling April 16, 19 58 Finished drilling May 13, 19 58

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from G 4300 to 4305 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 75' ± 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
13 3/8"	44#		Spiral Weld	112	Texas Pattern				
8 5/8"	24#		J-55	1618	Texas Pattern				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	120'	75	Pump		
8 5/8"	1624'	50	Pump		

FOLD MARK

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 1625 feet, and from feet to feet

Cable tools were used from 1625 feet to 4342 feet, and from feet to feet

DATES

Temporarily abandoned February 13, 1959 Put to producing 5-14, 19 58

The production for the first 24 hours was 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

J. D. Cape, Driller G. W. Clymes, Driller

Jack Henderson, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1615	1615	Red beds
1615	1875	260	Anhydrite, lime, salt & shale streaks
1875	2910	1035	Salt with potash & anhydrite streaks
2910	3015	105	Anhydrite with salt & shale breaks
3015	3495	480	Anhydrite with shale and lime streaks
3495	3555	60	Sand with lime and anhydrite breaks
3555	4290	745	Anhydrite and lime: several sand breaks
4290	4310	20	Gray sand - gas at 4300
4310	4330	20	Red sand
4330	4334	4	Gray sand - very slight sho oil
4334	4342	8	Red sand
	4342	T. D.	

[OVER]

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.