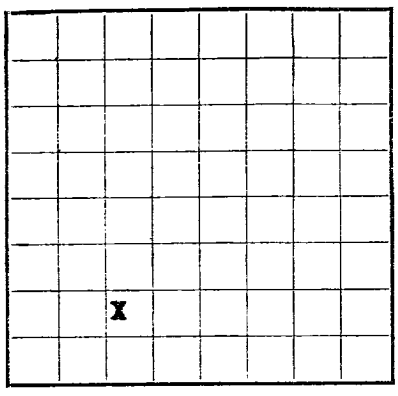
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078716
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company J. Glenn Turner Address Box 728 - Farmington, New Mexico
Lessor or Tract Hubbell Field Basin Dakota State New Mexico
Well No. 17-1 Sec. 17 T. 29-N R. 10-W Meridian N.M.P.M. County San Juan
Location 1,190 ft. {N./S.} X of S Line and 1,470 ft. {E./W.} of W Line of Sec. 17 Elevation 5,764
(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 C. Beeson Neal
Title C. Beeson Neal, Agent in Farmington

Date February 6, 1961

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

Commenced drilling Nov. 9, 1960, 19 Finished drilling Dec. 11, 1960, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6510 to 6652 (G) No. 4, from to
No. 2, from 4000 to 4610 (G) No. 5, from to
No. 3, from 2050 to 2100 (G) No. 6, from to

RECEIVED
FEB 7 1961
OIL CON. COM.
DIST. 3

IMPORTANT WATER SANDS

No. 1, from None 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. thd.	J-55	321'	None				Surface
5-1/2	15.5#	8rd. thd.	J-55	6732	Baker		6307	6646	Long String
							6511	6532	
2-3/8	Tubing	8rd. thd.	EUE	6620	None				Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	332	225	Halliburton		Mostly water
5-1/2	6730	325	Halliburton		

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
On 12/4/60 spotted 500 gal. 15% MCA. On 12/5/60 used 42,400 gal. water & 40,000# sand. Flushed with 7000 gal. water. - all in lower stage. Then set bridge plug at 6550, and used 32,490 gal. water & 40,000 sand. Flushed with 6500 gal. water.						

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from Surface feet to 6732 feet, and from feet to feet

DATES

XXXfor completion Potential test taken
Shut in to take potential test
Dec. 11, 1960, 19 Put to producing Dec. 19, 1961, 19

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 13,580 MCF/ (Aof) Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 2055

EMPLOYEES

Gardner Brothers Drilling Co., Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	470	470	Variegated shale, siltstone and lenticular sandstone.
470	980	510	Sand fine to medium, same porous with variegated shale.
980	1840	860	Shale (Kirtland) gray interbedded with light gray, fine sand.
1840	2050	210	Fruitland, gray carbonaceous shales, scattered coal beds and gray fine sand.
2050	2160	110	Pictured Cliffs.
2160	3635	1475	Lewis shale.
3635	6510	2875	Mesaverde. Shale and sand with thin coal beds.
6510	6652	142	Dakota, sand with some gray shale.
6652	6732	80	Morrison sand and shale.
			Cleanout depth - 6696'

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

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.

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