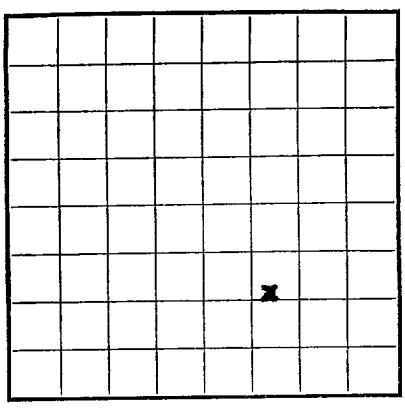
Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03154
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
APR 2 1962
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAR 1962
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company J. Glenn Turner Address Box 721-Farmington, New Mexico
Lessor or Tract Ballard Field Basin Dakota State New Mexico
Well No. 12-15 Sec. 15 T 26N R 5W Meridian N.M.P.M. County San Juan
Location 1,670 ft. [N.] of S Line and 1,740 ft. [E.] of E Line of Section 15 Elevation 6,323 (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 [signature]
Title C. Beeson Neal, Agent in Farmington

Date

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

Commenced drilling October 23, 1961, 19 Finished drilling November 12, 1961, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 6,385 to 6,748 ("G") 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#	STD	J-55	319			6636	6600	Surface
5-1/2	15.5#	ERW	J-55	6748	Auto-Fill		6476	6514	Long String
							6376	6426	
2-3/8	4.7	Tubing	EUE	6400					Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	319	200 plus 100	Halliburton		
5-1/2	6748	250 plus 100	Halliburton (DV Tool at 2150')		

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
Sand fractured stage 1: 40,000 #20-40 sand, 42,000 gal. water, 1% CaCl 2, 20# WACO/M gal., 1 gal Moreflow/Mgal. Stage 2: 40,000 # sand and 42,000 gal. water plus same additives. Stages 3: 40,000# sand, 37,000 gal. water						

TOOLS USED

Rotary tools were used from 0 feet to 6,748 feet, and from feet to feet
Cable tools were used from for completion feet to feet, and from feet to feet

DATES

Shut in for potential test 11/13/61, 19 Potential Test Taken Put to producing Nov. 27, 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 7,256 (Aof) Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. 2,070

EMPLOYEES

Great Western Drilling Co., Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1,260	1,260	Gray - white fine to coarse sand and gray shale.
1,260	1,965	705	Kirtland grayh shale and thin gray sand beds
1,965	2,040	75	Pictured Cliffs - sand, gray fine porous sand and shale.
2,040	2,840	800	Lewis shale - gray with thin tight shaley sands.
2,840	6,385	3,545	Mesa Verde - sand, white to light gray, fine to medium porous to tight sand and gray shales.
6,385	6,748 (T. D.)	363	Dakota - sand, tan to brown, fine to medium with gray shale.

FROM— TO— TOTAL FEET FORMATION

[OVER]

16—43094-4

FORMATION RECORD—Continued

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.