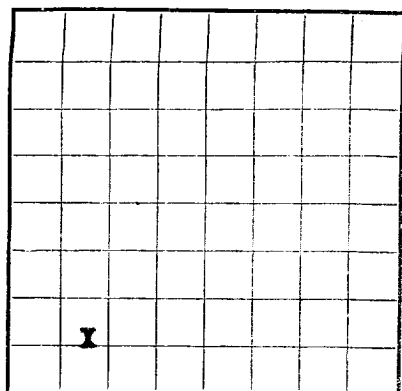


U. S. LAND OFFICE **New Mexico**SERIAL NUMBER **03154**

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 723 - Farmington, New Mexico.**
Lessor or Tract **Ballard Federal** Field **West Data Ext.** State **New Mexico**
Well No. **4-14** Sec. **14** T. **26** R. **9** W. Meridian **BNM** County **San Juan**
Location **990** ft. **N** of **S** Line and **990** ft. **E** of **W** Line of **Sec. 14** Elevation **6360**
(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. Boomer Neal, Agent in FarmingtonDate **August 27, 1954**

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

Commenced drilling **July 22, 1954**, 19 Finished drilling **August 4, 1954**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2,005'** to **2,039' ("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		Purpose
							From—	To—	
8-5/8"	24#	8 rd. thd.	New	93.47'	None				Surface
5-1/2"	18#	8 rd. thd.	New	2,005'	None				Production
1"	10#	8 rd. thd.	New	2,005'	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"	104'	100	Halliburton	Mostly water	
5-1/2"	2,005'	100	Halliburton	mostly water	

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 oil treatment thru 5-1/2" casing						
4400# sand. Flushed with 2520 gal. Breakdown pressure 1600# to 1050#. Treating pressure max. 1200#. Min. 1050#. Final 1200#. Injection rate 13.4 b.p.m. Recovered 4046 gal.						
				8-4-54	Used 5,850 gal. diesel and	

TOOLS USED

Rotary tools were used from **0** feet to **2,005** feet, and from _____ feet to _____ feet
Cable tools were used from **2,005'** feet to **2,039'** feet, and from _____ feet to _____ feet

DATES

August 19, 1954, 19 _____ **Well shut in August 5, 1954**, 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 **2,371 MCF/D - 1 hr. test on 8/19/54** ft. of gas _____

Rock pressure, lbs. per sq. in. **642**

EMPLOYEES

Greer-Smith Drilling Corp. Rotary Driller _____, Driller
McCannell, Inc. - Cabi Driller _____, Driller

FORMATION RECORD

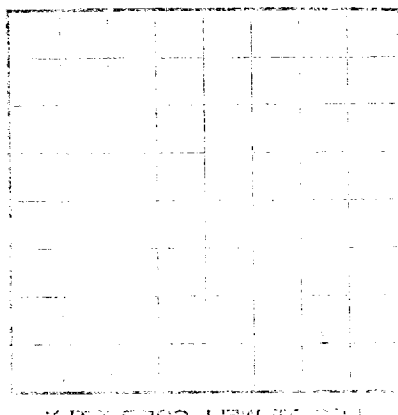
FROM—	TO—	TOTAL FEET	FORMATION
0	104	104	Sand
104	150	46	Shale
150	958	800	sand and shale
958	1215	257	sandy shale
1215	1310	95	Alamo sand
1310	1372	62	Alamo sand and shale
1372	1728	356	sand and shale
1728	1919	191	shale
1919	2005	86	shale, coal and sand
1998	1999	1	sand
1999	2014	15	sand and shale
2014	2039	25	sand and total depth

Top Pictured
Cliff 2,000.

U.S. Land Office
State of New York
License or Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company: ...
Location: ...
The information given here-with is a complete and correct record of the well and of work done thereon to date and is determined from all available records.
Signed: ...
Date: ...

The accuracy on this page is for the condition of the well as above data.

Commenced drilling ...
Finished drilling ...

OIL OR GAS SANDS OR ZONES

...
...
...

IMPORTANT WATER SANDS

...
...

CASING RECORD

Depth	Kind of pipe	Amount	Remarks
...	...	...	...

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 same, the size and location of the well, the kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
...	...	...	...