

U. S. LAND OFFICE
SERIAL NUMBER **SF-078493-A**
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **The Texas Company** Address **Box 817, Farmington, N. M.**
Lessor or Tract **Yarborough-Federal "P"** Field **Undesignated** State **New Mexico**
Well No. **1** Sec **10** T **23-NR. 6-W** Meridian **NMPM** County **Rio Arriba**
Location **560** ft. **S.** of **N** Line and **530** ft. **E.** of **W** Line of **Section 10** Elevation **6730'**
(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 **June 13, 1958** Title **Dist. Sup't.**

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

Commenced drilling **March 22**, 19**58** Finished drilling **April 8**, 19**58**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **5434** to **5524** 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 **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		Purpose
							From—	To—	
9-5/8	32.3	8R	Smls	278	Baker	None			
5-1/2	14	8R	Smls	5538	Baker	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	286	300	Halliburton		
5-1/2	5549	300	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material **None** Length **--** Depth set **--**
Adapters—Material **None** Size **--**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from **0** feet to **5550** feet, and from _____ feet to _____ feet
Cable tools were used from **None** feet to _____ feet, and from _____ feet to _____ feet

DATES

June 13, 19**58** Put to producing **Tested April 21** 19**58**
The production for the first 24 hours was **37** barrels of fluid of which **97%** was oil; **3%** emulsion; **--%** water; and **--%** sediment. (**Swab Test**) 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

R. E. McVay, Driller **J. R. Kincaid**, Driller
Arlon Gary, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Surface Rock
40	293	253	Sand & Shale
293	1077	784	Shale
1077	4610	3533	Sand & Shale
4610	5263	653	Shale
5263	5550	287	Sand & Shale
Total Depth 5550'			
Plugged Back Depth 5533'			
FORMATION TOPS			
			Pictured Cliffs - - - - - 213'
			Cliff House - - - - - 3535'
			Point Lookout - - - - - 4220'
			Gallup - - - - - 5434'
Formation Tops as per EL			
HOLE SIZE			
0 to 293' - 12-1/4"			
293' to 5550' - 7-7/8"			

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
Core #1, 5255' to 5259'.	Recovered 4', shale.	1630' - 1/2°	DEVIATION TESTS
Core #2, 5263' to 5314'.	Recovered 51', sand & shale.	1991' - 1/2°	
Core #3, 5410' to 5460'.	Recovered 50', sand & shale.	3000' - 1-1/2°	
Core #4, 5460' to 5510'.	Recovered 50', sand & shale.	3500' - 1°	
All measurements from derrick floor, 11' above ground.			

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.

After drilling to 5550' and cementing 5-1/2" casing, top of cement plug was found to be at 5533' (P.M.T.D.). Perforated 9-1/2" casing from 5434' to 5456' and 5512' to 5524' with 4 jet shots per foot. Ran tubing to 5524' with packer set at 5246' and washed perforations with 500 gallons mud acid. Pulled tubing and treated perforations throughout casing with 20,000 gallons crude oil containing 30,000# sand.