Form 9-330

Budget Bureau No. 42-R-355.3.
Approval expires 12-31-55.

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 011393
LEASE OR PERMIT TO PROSPECT

RECEIVED
AUG 19 1955
U. S. GEOL. SURV.
FARMINGTON, N. MEX.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company J. Glenn Turner Address Box 728 - Farmington, New Mexico
Lessor or Tract Cleveland Field Fulcher-Kutz Ext. State New Mexico
Well No. 4-21 Sec. 21 T. 27-N R. 9-W Meridian N.M.P.M. County San Juan
Location 990 ft. [N.] of S Line and 1650 ft. [E.] of W Line of Sec. 21 Elevation 6253
(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, Agent in Farmington
Date August 25, 1955 Title

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

Commenced drilling June 15, 1955, 19 Finished drilling 8/3/55, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2098 to 2177 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#	8 rd. thd.	J-55	105'	None				Surface
5-1/2"	14#	8 rd. thd.	J-55	2110'	Halliburton				Long String
1"	Tubing	8 rd. thd.	New	2165'	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"	105'	80	Halliburton	Mostly water	
5-1/2"	2110'	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
On 3/2/55 sand oil treated with 7,800 gallons diesel oil and 11,000# sand from 2110' to 2176'. Flushed with 2,200 gallons diesel. Breakdown pressure 1100#. Injection 25 BPM.						

TOOLS USED

Rotary tools were used from 104' feet to 2110' feet, and from feet to feet
Cable tools were used from 0 feet to 104' feet, and from 2110' feet to 2176' feet

DATES

Initial Potential Test August 20, 1955, 19
Put to producing Shut in for potential test and pipe Line connection 8/3/55, 19

The production for the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % sediment. Gravity, °Bé. (3 hour test)

If gas well, cu. ft. per 24 hours 2774 MCF/Day Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 632 PSIG

EMPLOYEES

Huerfanito Drilling Co., Inc., Driller
Drilling Contractor, Driller
, Driller
, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1300	1300	Sand and shale
1300	1350	50	Sand
1350	1900	550	Sand and shale
1900	2098	198	Sand, shale & coal
2098	2177	79	Sand

Base Ojo Alamo 1350
Top Pictured Cliffs 2098

[OVER]

16—43094-3

FOLD | MARK

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.