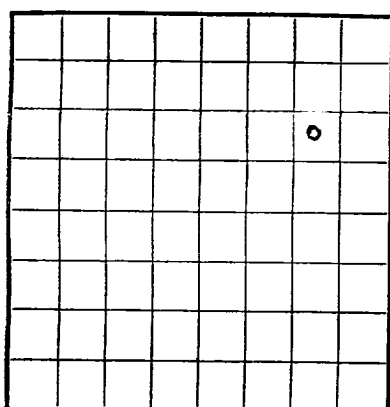
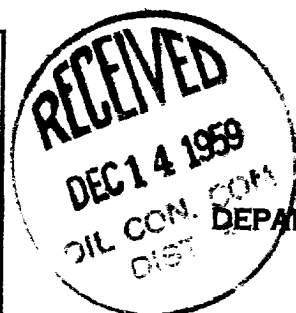




LOCATE WELL CORRECTLY

U. S. LAND OFFICE
SERIAL NUMBER **SF078584**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
DEC 11 1959U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **T. H. McElvain** Address **220 Shelby St., Santa Fe, N.M.**
Lessor or Tract _____ Field **Undesignated** State **New Mexico**
Well No. **1** Sec. **12** T. **24N.** R. **7W.** Meridian **N.M.P.M.** County **Rio Arriba**
Location **1790 ft. S. of N. Line and 925 ft. W. of E. Line of Sec. 12** Elevation **6862**
(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]*
Date **12-5-59** Title **Consulting Engineer**

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

Commenced drilling **11-11**, 19**59** Finished drilling **11-17**, 19**59**

OIL OR GAS SANDS OR ZONES

No. 1, from **2388** to **2487** No. 2, from **2487** to **2555**
No. 3, from **2555** to **2555 TD**

IMPORTANT WATER SANDS

No. 1, from **1856** to **2150** No. 3, from **2555** to **2555**
No. 2, from **2555** to **2555** No. 4, from **2555** to **2555**

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	140	100							
7	2555	125							

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	140	100	pump & plug	8.4	
7	2555	125	pump & plug	9.0	

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
	Perforated	2401 to 2448	see detail under "history"			

TOOLS USED

Rotary tools were used from **0** feet to **2555** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

11-26, 19**59** Put to producing _____, 19____

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

AOF If gas well, cu. ft. per 24 hours **2670 MCFPD** Gallons gasoline per 1,000 cu. ft. of gas _____
8 da Rock pressure, lbs. per sq. in. **589 psig**

EMPLOYEES

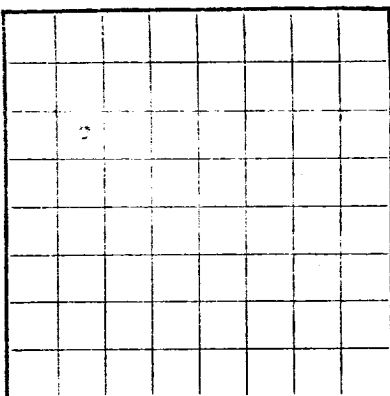
C. N. Tankersley, Driller **W. E. Sitzinger**, Driller
W. K. Wilson, Driller **Mike Connolly**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1856	2150	294	Ojo Alamo
2150	2238	88	Kirtland
2238	2388	150	Fruitland
2388	2487	99	Pictured Cliffs
2487	2555 TD	68	Lewis Shale

FORMATION RECORD—Continued

16-48091-4



LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company I. H. McElvaine
Lessor or Trust
Well No. 1
Location 1700 ft. completed 12-11-39
The information given hereon is a true and correct record of the well and all work done thereon
Date 12-11-39
Working tubing pressure - 164 p.s.i.g.
Flowing tubing pressure - 279 p.s.i.g.
Flowing temperature - 60.5
Coke volume - 2129 MCFTD
Volume - 2870 MCFTD
The summary of this log is the work done at the well at above date.
Commenced 11-11-39
Finished drilling 11-11-39
Initial potential:
8 day SIC & IP - 589 p.s.i.g.
11-11-39

Oil or Gas Sands or Zones
42.7 bbl/min. completion operation completed 12:30 p.m. 11-26-39.
Landed 20 barrels of water. Overall injection rate was
No. 1. Final pressure was 900 p.s.i. over-
No. 2. Formation broke down at 2300 p.s.i. flowing pressure
No. 3. 40,000 gallons of 1% calcium chloride water and 40,000 lbs
Sand-water treated with 200 gallons of 7% acid followed by
IMPORTANT WATER SANDS
2770 to 2778
2775 to 2777
No. 3 from 2770 to 2708
No. 1 from 2770 to 2708
No. 2. 2000 p.s.i., both satisfactory
No. 3. perforated 7/8 casing w/ 3 jet shots per foot from 2701 to 2708
Production casing tested by down and pressure tested
Ben Schlumberger Electric Log from 170 feet to TD at 2555.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, casing, and any changes made in the casing, state fully, and if any casing was changed, or left in the well, give date, size, position, and results of pumping or balling.
If logs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.
Casing
Size
Weight
Per foot
Treads per
inch
Make
Amount
Kind of shoe
Cut and pulled from
Form
To
Purpose

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

Casing size	Whore set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	100	100	gun & plug	8.4	
7	2555	150	gun & plug	9.0	

PLUGS AND ADAPTERS

Plugging pin—Material	Adapter—Material	Size	Depth set

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleared out
Perforated			2400 to 2418	see detail under lithology		

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
Cable tools were used from	feet to	feet and from	feet to

DATES

The production for the first 24 hours was	11-26	Put to producing	12
emission; of water; and sediment		barrels of fluid of which	26 was oil; 26
AOE If gas well, cu. ft. per 24 hours 2670 MCFTD		Gravity, °Bé	
8 ds Rock pressure, lbs. per sq. in. 589 p.s.i.g.		Gallons gasoline per 1,000 cu. ft. of gas	

EMPLOYEES

Driller	Driller	Driller	Driller
W. K. Williams	G. H. Tankersley	W. E. Starnes	W. E. Starnes

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
1855	2150	304	Ojo Alamo
2150	2238	88	Kirtland
2238	2388	150	Frontland
2388	2487	99	Pictured Cliffs
2487	2555 TD	68	Lewis Shale
FORMATION	TO	TOTAL FEET	FORMATION

FORMATION RECORD—Continued