

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

WELL CORRECTLY
TENNECO CORPORATION BY ITS MANAGING

Company AGENT TENNECO OIL COMPANY Address Box 307, Hobbs, New Mexico

Lessor or Tract Emily Clint Ray-USA Field XXXXXXXXXXXX State New Mexico

Well No. **41** Sec. **10** T. **25-SR. 32-** Meridian **NMPM** County **Lea**

Location 1650 ft. N. of S. Line and 660 ft. E. of W. Line of Section 10 Elevation 3420
(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 A. W. Lang A. W. Lang
Date May 29, 1961 Title District Prod. Superintendent

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

Commenced drilling March 14, 1961 Finished drilling March 23, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4722 to 4722 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	379	200	Pump & Plug	Fresh Water	
5-1/2"	4825	130	Pump & Plug	10.3	

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

TOOLS USED

Rotary tools were used from -----0----- feet to -----1825----- feet, and from ----- feet to ----- feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

-----~~May 29~~-----, 19~~61~~ Put to producing -----~~May 28~~-----, 19~~61~~

The production for the first 24 hours was 212 barrels of fluid of which 18% was oil; 0% emulsion; 82% water; and 0% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	12	12	KB to GL
12	790	778	Undifferentiated Sands and Shales
790	1163	373	Anhyd w/Shale stringers
1163	4432	3269	Salt w/Anhyd & Shale stringers
4432	4657	225	Anhyd
4657	4686	29	Lime and Shale
4686	4825	139	Sand and Shale
			T/Anhyd @ 790
			T/Salt @ 1163
			B/Salt @ 4432
			T/Lamar @ 4657
			T/Delaware Sand Marker 4686

[illegible]

1. Drilled 12-1/4" hole with rotary tools to 381'. Ran 379' 8-5/8" OD, 24# csg and cmtd w/200 sx 50-50 Pozmix, 2% gel and 2% C_{CL2}. Circ cement to surface. WOC 18 hrs. Pressure tested csg to 1000 psi for 30 min. Held OK.
2. Drilled 7-7/8" hole from 380' to 4695'.
3. Cored from 4695' to 4825' with 7-13/16" core head.
4. Ran GR-Sonic and laterolog.
5. Ran 146 js 5-1/2", 14#, J-55 csg; cmtd at 4825' w/130 sx 50-50 Pozmix, 2%.
6. Top Cement @ 4200' (temperature survey). WOC 24 hrs, pressure tested csg to 1500 psi for 30 min. Held OK.
7. PBID 4792, Perf 4769-73 w/4 JSPT.
8. Squeezed with 500 gal mud acid. Swbd 24 bbls fluid/2 hrs.
9. Set Baker BP @ 4760. Perf 4737-4742 and 4751-4753 w/4 JSPT. Squeezed with 500 gal mud acid.
10. Squeezed perf 4737-42 and 4751-53 with 100 sx latex cement.
11. Plugged back to 4748'. Perf 4737-42 w/4 csg jets/ft. Spotted 500 gal mud acid.
12. Traced w/1000 gals 1se oil with 120# Adomite per gal, 1000# 20-40 sand. Flushed with 20 barrels of oil.
13. PBID 4746. Traced with 2500 gals 1se oil with 1/20# Adomite per gal, 2500# 20-40 sand.
14. PBID 4728. Set Baker BP at 4728. Perf 4722 w/11 6 hole jet gun. Spotted 250 gals inhibited acid.
15. Trac csg w/20000 gals 1se oil, 1/20# Adomite per gal, 30000# 20-40 sd.
16. Ran tbg with Guberson KV-30 pkr.
17. Potential test 5-28-61. Pumped 38 bbls oil and 174 bbls of water in 24 hrs.