

U. S. LAND OFFICE Santa FeSERIAL NUMBER 078526-ALEASE OR PERMIT TO PROSPECT E/2 Sec. 12UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
OCT 13 1955
GEOLOGICAL SURVEY
NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Delhi-Taylor Oil Corporation Address Box 1175 Farmington, New MexicoLessor or Tract Florance Field Blanco State New MexicoWell No. 31 Sec. 12 T. 22N R. 8W Meridian NMPM County San JuanLocation 890 ft. S. of N. Line and 890 ft. W. of E. Line of Sec. 12 Elevation 6284
(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 September 12, 1955Title Dist. Supt.

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

Commenced drilling August 12, 1955 Finished drilling September 5, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4741-G to 4818-G

No. 4, from

No. 2, from 5205-G to 5295-G

No. 5, from

No. 3, from to

No. 6, from

IMPORTANT WATER SANDS

No. 1, from 210 to 220

No. 3, from to

No. 2, from 435 to 450

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—	
10 3/4	40	8	Natl.	170	None				Surface
7	28	8	Natl.	268	Harkins				Production
7	28	8	Natl.	400	Harkins				Production
2	4.70	8	Natl.	4810	Harkins				Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	181	190	Halliburton		
7	4720	150	Halliburton		

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
S/O Frac	4720-4900 w/ 12300 Gals. Diesel	10000# Sand	Pressure 1000-1500#	Inj. 7.6 BPM		
S/O Frac	5213-5350 w/ 12300 Gals. Diesel	10000# Sand	Pressure 1200-1500#	Inj. 10.5 BPM		

TOOLS USED

Rotary tools were used from 0 w/Mud feet to 4720 feet, and from 4720 w/Gas feet to 5350 feet

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

DATES

September 12, 1955 Put to producing Not connected as of 9/12/55

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 5447 MCF Gallons gasoline per 1,000 cu. ft. of gasRock pressure, lbs. per sq. in. SI-168 Hrs. G.P.-1030#, T.P.-1030#

EMPLOYEES

, Driller J. Noland, Driller, Driller H. H. Zumwalt, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	450	450	Tan, coarse-grained sandstone with thin shale breaks.
450	1295	845	Variegated shales with thin sandstone breaks.
1295	1860	565	Tan to gray coarse-grained sandstone interbedded with gray shales.
1860	2085	225	Ojo Alamo sandstone. White, coarse-grained water sand. Top Ojo Alamo 1860.
2085	2708	623	Kirtland formation. Gray shales, interbedded with tight gray fine-grained sandstone. Top Kirtland 2085.
2708	3035	327	Fruitland formation. Gray, carbonaceous Shales, scattered coals and gray tight-fine-grained sandstone. Top Fruitland 2708.
3035	3075	40	Pictured Cliffs formation. Light gray, fine to medium well-rounded, soft, varicolored salt and pepper sandstone. Top Pictured Cliffs 3035.
3075	4740	1665	Lewis formation. Gray shale with thin, fine grained sand beds. Top Lewis 3075.
4740	4875	135	Cliff House formation. Light to medium gray, very fine grained, well cemented, and laminated with light to dark carbonaceous shales. Top Cliff House 4740.
4875	5190	315	Menefee formation. Gray to black bentonitic shales interbedded with fine grained gray sand and coal beds. Top Menefee 4875.

(OVER)

(OVER)

