

[illegible]

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078931-B
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Tennessee Gas Transmission Co. Address P. O. Box 1714, Durango, Colorado
Lessor or Tract USA Glenn H. Callow Field Totah Gallup State New Mexico
Well No. 14 Sec. 28 T. 29N R. 13W Meridian NMPM County San Juan
Location 2150 ft. [N.] of S. Line and 260 ft. [E.] of E. Line of Section 28 Elevation 5777 GL
(Deriv. 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  **L. B. Plumb**

Date January 17, 1961 Title District Production Supt.

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

Commenced drilling 11 - 4, 1960 Finished drilling 11 - 17, 1960

OIL OR GAS SANDS OR ZONES

(Denote this by G)

No. 1, from 5589 to 5594 No. 4, from 5595 to 5600
No. 2, from 5601 to 5606 No. 5, from 5607 to 5612
No. 3, from 5613 to 5618 No. 6, from 5619 to 5624

IMPORTANT WATER BANDS

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—	
5 1/8	11.5	3	154	553	Float		5530	5530	Product
HISTORY OF GIP OK CYS WELL									
TO: 10000-S N° 2: ROADMEN'S SHILLING OFFICE									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	175	160	Two plug		
4 1/2	567	125	Two plug		

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 3653 feet, and from 0 feet to 0 feet.

Cable tools were used from 0 feet to 0 feet, and from 0 feet to 0 feet.

DATES **Potential test 11/30/60. Flowed 83 bbl oil**
in 17 hrs on 14/64" choke. GOR 1900.
 Put to producing ----- **November 30,** 19**60**

The production for the first 24 hours was 118 barrels of fluid of which 100 % was oil; --- % emulsion; --- % water; and --- % 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 ground level.
12	900	888	Sand & shale stringers.
900	1570	670	Brown shale.
1570	1720	150	Sandstones.
1720	3120	1400	Black shale w/occasional sand stringers.
3120	4310	1190	Sandstone and shale.
4310	5510	1200	Black shale.
5510	5653	143	Shaley and silty sands w/shale.
ELECTRIC LOG TOPS			
			Farmington Sand 540'
			Fruitland Shale 760'
			Pictured Cliff 1520'
			Lewis Shale 1700'
			Mesa Verde 2730'
			Mancos Shale 4300'
			Gallup 5220'
			Lower Gallup 5530'
FROM-	TO-	LOGGED DEPTH	FORMATION

[OVER]
FORMATION RECORD--Continued

