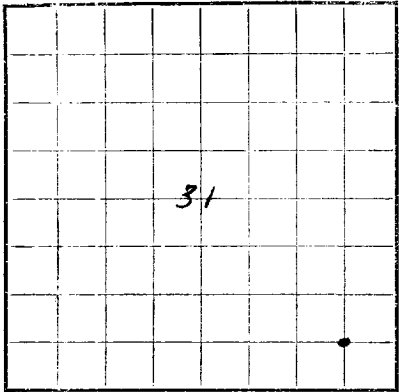


Form 9-330

U. S. LAND OFFICE

Contract SERIAL NUMBER 14-20-604-87

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Tennessee Gas Transmission Co. Address Box 1772, Casper, Wyoming
Lessor or Tract Ute Mountain Tribe "B" Field Verde Gallup State New Mexico
Well No. 5 Sec. 31 T. 31N R. 15W Meridian NM PM County San Juan
Location 660 ft. N. of S. Line and 660 ft. E. of W. Line of SE Cor. Elevation 5369
(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.
Original Signed By: PATTERSON, L.A.
Signed _____

Date April 15, 1957 Title District Superintendent

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

Commenced drilling 2/24, 1957 Finished drilling 3/7, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1900 to 2016 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 510 to 605 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—	
8 5/8"	24	3rd	L.S.	89.36	Belled				Surface
5 1/2"	14	3rd	CFI	1913.04	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used	
					From—	To—
8 5/8"	99	100	P & P		Circ Cnt to surface	
5 1/2"	1900	100				

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 sur feet to 2016 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 15, 1957 Put to producing March 16, 1957

The production for the first 24 hours was 94 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 41.5

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

FOLD MARK

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

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.

Sat 5 1/2" csg @ 1900. w/ 100ex. Cor'd oil 4 5/8" hole 1901 - 2016.
Released RT. MICH. SR by Dowell w/ 38,000# 20-40 sd & 2,000# 10-20 sd & 1257 H2O.
Csg swab 1156 BLO. Ran 2" EXE 4.70# 4-55 tubing to 1993. Ran 1000' 3/4" rods & 902'
5/8" rods w/ 2 x 1 1/2 x 3' RWT pump to 1957. Pumped 101 H2O.
IPB 3/17/57 94 BO 0 BM 11 x 36" x 1 1/2".

Well flowed water on barren head.

