

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 078197

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. Glenn Turner Address Box 728 - Farmington, New Mexico
Lessor or Tract Nye Basin Dakota Field Blanco M. V. State New Mexico
Well No. 9-1 Sec. 9 T29-N R10-W Meridian N.M.P.M. County San Juan
Location 1,810 ft. [S.] of N. Line and 900 ft. [E.] of W. Line of Sec. 9 Elevation 5,855
(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

Date April 16, 1962

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

Commenced drilling January 22, 1962 Finished drilling March 9, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6,640 to 6,845 No. 4, from
No. 2, from 4,225 to 4,600 No. 5, from
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 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 -	
8-5/8	24.4	8 rd. thd.	J-55	316'					Surface
5-1/2	15.5	STC	J-55	6,891.78'	Guide		6758	6838	Long String
							6700	6732	
							4172	4484	
2-1/16	3.3	II	II-30	6,652.85'					Dakota Prod.
1-1/2		Jal-Con Weld	50	4,206'					Mesa Verde Pr.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	330'	200	Halliburton		
5-1/2	6,885'	370 (120 - 1st stage; 150 - 2nd stage - 100 - 3rd stage.			
		Stage collars at 2,364.43' and 4,681.38' RKB)			

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
Dakota stage 1	20,200 gal. water - 2% CaCl ₂	24,000# sand.	-	Dropped 25 balls		
Dakota stage 2	37,200 gal. water - 2% CaCl ₂	35,000# sand.	Mag. br. plug at 4,600'.			
Mesa Verde	62,000# 20-40 sand.	62,100 gal. water -	dropped 60 balls.			

TOOLS USED

Rotary tools were used from Surface feet to 6,885 feet, and from feet to feet

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

Initial Potential test taken

Dakota March 29, 1962

Mesa Verde April 5, 1962, 19

DATES

Shut in for potential test

Put to producing March 9, 1962

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 Dakota 2,753 MCF/Day (Aof)

Gallons gasoline per 1,000 cu. ft. of gas

Mesa Verde 511 MCF/Day (Aof)

Rock pressure, lbs. per sq. in. 2,944

EMPLOYEES

Aspen Drilling Co., Driller
Driller
Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	770	770	Gray-white fine to coarse sand and gray shale
770	2,030	1,260	(Kirtland) - gray shale and gray to white sands
2,030	2,055	25	(Pictured Cliff) light gray fine porous sand and shale
2,055	3,825	1,770	(Lewis Shale) gray with thin tight shaley sand
3,825	6,040	2,815	(Mesa Verde) white to light gray, fine to medium porous to tight sand and gray shale.
6,040	6,845	205	(Dakota) tan to brown to white, fine to medium sand with gray shale
6,845	6,885 (T.D.)	40	(Morrison) shale, gray to green
			(Plugged back to 6,851 feet)

(OVER)

16-43094-4

