

[illegible]

U. S. LAND OFFICE Jicarilla
SERIAL NUMBER Contract 110
LEASE OR PERMIT TO EXPLORATION PROJECT
RECEIVED Jicarilla Apache

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOCATE WELL CORRECTLY

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.

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

Commenced drilling May 13th, 19 57 Finished drilling May 30th, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3027 to 3110 (G) 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 ----- to -----

No. 2, from ----- to -----

No. 3, from ----- to -----

No. 4, from ----- to -----

CASING RECORD

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MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	105	70	Pump & Plug		
1 1/2"	3150	100			

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		None				

TOOLS USED

Rotary tools were used from Surface feet to 3450 feet, and from _____ feet to _____ feet
Cable tools were used from to complete feet to _____ feet, and from _____ feet to _____ feet

DATES

Ran Tubing
June 8th, 1957

Put to producing June 28th, 1957

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 2,761,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1014

EMPLOYEES

Benson-Montin-Greer.....	Driller		Driller
Drilling Corp.	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	2961	2961	Surface sand and shale. Ojo Alamo, Kirtland and Fruitland formations
2961	2969	8	Coal
2969	2981	12	Shale
2981	2987	6	Coal
2987	3007	20	Shale
3007	3023	16	Coal
3023	3027	4	Shale
3027	3150	123	Sand
			TO ⁺ OF PICTURED CLIFFS 3027'

[OVER]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

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Spent well in for potential test.

6-8-57 After 16 hours flowing 1.065 MCM/day. Ran 38 joints
on 11/11/57. RFE tubing landed at 29771 RMB
6-7-57 Cleaned out to 3110'. Perforated 3030-3056' and 3070-3092'
with 4 holes per foot. Sandrilled with 26,000 gallons
water and 30,000# sand. Flashed with 3,200 gallons water.
Breakdown pressure 3000#, treating pressure 1550#.
a stage injection rate 56 BPH. Dumped 160 rubber balls
in two stages during treatment.

5-13-57 Moved in to set surface casing. Spudded.

5-14-57 TD 105' RKB. Set 3 joints 95' of 8-5/8" OD 22# casing at 105' RKB with 70 sacks cement, circulated to surface.

5-25-57 Moved in rotary.

4-30-57 TD 315' RKB. Set 72 joints 315' of 8-5/8" OD 22# casing at 315' RKB with 100 sacks cement. Temperature survey showed top of cement at 278'.

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, and if any casing was 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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE: 1969-2-50824-2

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FORMATION RECORD—Continued