

U. S. LAND OFFICE Jicarilla Tribal
SERIAL NUMBER Cont. # 99, Tr. 190

SERIAL NUMBER **Cont. # 99, Tr. 190**

LEASE OR PERMIT TO PROSPECT
Jicarilla "NM"

Jicarilla "D"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

LOCATE WELL CORRECTLY

Company Magnolia Petroleum Company Address Box 633 Midland, Texas
Lessor or Tract Jicarilla "D" Field Blanco State New Mexico
Well No. 3 Sec. 13 T. 26N R3-W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. EX of N Line and 990 ft. EX of E Line of Section 13 Elevation 7317
(Underline foot 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 R. T. German
R. T. GERMAN

Date October 4, 1957

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

Commenced drilling July 22, 1957 Finished drilling August 18, 1957

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3799 to 3845 No. 4, from 5566 to 5576
No. 2, from 3850 to 3853 No. 5, from 5585 to 6047
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 1948 to 1950 No. 3, from 1951 to 1952
No. 2, from 1953 to 1954 No. 4, from 1955 to 1956

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	324	250	Pump & Plug		
7-5/8	4060	200	Pump & Plug	51	33,650 Lbs
5-1/2	6100	200	Pump & 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
6吋砲	高爆炸	高爆炸	10發	1948	10呎深	10呎深
4吋砲	高爆炸	高爆炸	10發	1948	10呎深	10呎深

TOOLS USED

Rotary tools were used from 0 feet to 150 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

October 4, 1957, 1957 Put to producing September 1, 1957
The production for the first 24 hours was 0 barrels of fluid of which 0% was oil; 0%
emulsion; 0% water; and 0% sediment. Gravity, °Bé. 0

If gas well, cu. ft. per 24 hours **1084 MCF** Gallons gasoline per 1,000 cu. ft. of gas **no test**
 Rock pressure, lbs. per sq. in. **9116**

EMPLOYEES

Paul F. Rutledge	Driller		Driller
	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	TOPS FORMATION
3451	3586	135	Qjo Alamo
3586	3779	193	Kirtland Fruitland
3779	3864	85	Pictured Cliffs
3864	5564	1700	Lewis
5564	5629	65	Cliff House
5629	5939	310	Manefee
5939	6114	175	Point Lookout
6114	6180	66	Maneus

SUMMARY

7-22-57 Spudded
7-24-57 WOC 10-3/4" Casing on bottom with 250 sx cement.
8-5-57 Cored 3841-3890', Good show gas, 3841-47'. Cored 3786-3811', Good show gas.
8-6-58 Shut down heavy rains. waiting on logging truck.
8-9-57 WOC 7-5/8" Intermediate Casing on btm with 200 sx.
8-14-57 Pulling core from 5560'. Core bbl jammed
8-15-57 Coring from 5910'. Cored 5560-98'. Fair show gas throughout.
8-16-57 Cored 5910-70' fair show gas
8-19-57 WOC 2281' of 5 1/2" Liner on btm with 125 sx. Top of Liner @ 3899.
8-20-57 WOC 2281' of 5 1/2" Liner on btm. Ran temp survey top cement @ 4770'. Set Ret.
@ 3840'. Squeezed top of Liner @ 3899' with 75 sx. 1000# to 2500#.
8-21-57 Drilled out plug & cement in 5 1/2" Liner to 6145' PBTD. Ran Elec. Logs Prep to
Perf. Mesa Verde.
8-23-57 Perf. 5 1/2" Liner in Mesa Verde 5566-5576', 5585-5590', 5593-5598', 5620-5625'
5910-5916', 5922-5930', 5943-5986', 6043-6047' with 6 shots per ft.
Prep. to sand & gravel with 80,000 Gals.

- 57 Jetted lead water 29 hrs. from 6140'. Gas volume from Mesa Verde at 615 MCF per day. ~~Set Bridge Plug # 3910. Deep. to sandstone zone with 35,000 Gals.~~
- 57 Sandwaterfrac Pictured Cliffs Perf. with 35,000 Gals. down csg. using 176 rubber balls flow and jetted 650 BLW in 16 hrs. Jetting at 3900'. Gas insuf. to measure.
- 57 Jetted 100 BLW in 24 hrs. at 3900'. Gas vol. 160 MCF per day.
- 57 Pulled tbg and Bridge Plug # 3910'. Set Production Pkr # 5446. Running 2" tbg & gas lift valves on Mesa Verde to complete.
- 57 Ran Mesa Verde tbg & 4 gas lift valves. Ran Pictured Cliffs tbg.
- 57 From both zones flow by GL 100 BLW in 24 hrs. Mesa Verde gas at rate of 1236 MCF per day. Pictured Cliffs Gas to weak to flow.
- 57 Mesa Verde flow 25 BLW in 12 hrs. Gas volume 525 MCF per day. Both zones shut in for Gas Potential.
- 57 From 3 sets Mesa Verde Perf. after 7 days shut in TP-1236#. Potential test flowed 3 hrs thru 48/64" chk. Flowing TP 80#. Gas volume 1067 MCF per day Calculated absolute open flow 1084 MCF per day. Completed 9-1-57. 3 sets Pictured Cliffs Perf. 3/1 7 days TP-637#. GP-637 flow 30 minutes 48/64" chk. Gas insuf. to measure. Pictured Cliffs Temporarily Abandoned 9-24-57.

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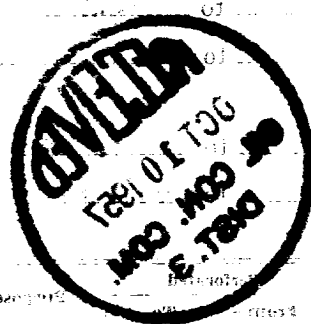
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The summary on this page is for the condition of the well as above date.

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Davidson, David

10-10-68

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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 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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or burning.

HISTORY OF OIL OR GAS WELL

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FORMALION RECORDS

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