

U. S. LAND OFFICE **Jicarilla Tribal**
SERIAL NUMBER **Cont. # 207**
LEASE OR PERMIT TO PROSPECT **Tr. 36**
Jicarilla "I"UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NOV 4 1957

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Magnolia Petroleum Company** Address **Box 633 Midland, Texas**
Lessor or Tract **Jicarilla "I"** Field **Pictured Cliffs** State **New Mexico**
Well No. **1** Sec. **20** T. **27N** R. **2-W** Meridian **N.M.P.M.** County **Alameda**
Location **990** ft. **EX** of **N** Line and **990** ft. **EX** of **E** Line of **Section 20** Elevation **7363** B.F.
(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 **October 30, 1957**Title **R.T. GERMAN**
Division Superintendent

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

Commenced drilling **August 14**, 19**57** Finished drilling **September 12**, 19**57**OIL OR GAS SANDS OR ZONES **Plugged & Abandoned**

(Denote gas by G)

No. 1, from _____ to _____ 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. 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—	
16"	32.4	4-11	Arco	317					Surface
10-3/4"	44.50	4-11	Arco	168					Intermediate
10-3/4"	44.50	4-11	Arco	480					Intermediate
10-3/4"	44.50	4-11	Arco	2341					Intermediate
10-3/4"	44.50	4-11	Arco	1888					Intermediate

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	317'	350 ex	Pump & Plug		
10-3/4"	4198'	200 ex	Pump & Plug	45	94,500 lbs

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 _____ feet to **6223** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 30, 19**57** Put to producing **Plugged and Abandoned**, 19**57**
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 _____ 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
3900	3672	172	Ojo Alamo
3672	3875	203	Kirtland-Fruitland
3875	3988	113	Pictured Cliffs
3988	6223	2235	Lewis

SUMMARY

7-21-57 Spudded
7-22-57 Reaming surface hole at 151' to set 16" casing.
7-23-57 R.C. 16" casing on bottom with 350 ex.
8-5-57 Down 10 hrs. fishing for 9 jts 6" drill pipe, 14-8" drill collars and 13-3/4" bit. Twisted off. Top fish at 3050'.
8-6-57 Down 24 hrs. fishing for 9 jts 6" drill pipe, 14-8" drill collars and 13-3/4" bit. Top fish at 3080'. Have circ. S/O rains, W/O truck to run Dialog Free Point.
8-7-57 Fishing 24 hrs. for 9 jts 6" drill pipe, 14-8" drill collars & 13-3/4" bit. Ran Free Point Indicator, backed off at 3133'. Prep. to run over shot.
8-8-57 Fishing for 13-8" drill collars & 13-3/4" bit. Top of fish now at 3178'. Fished and recovered 9 joints 6" drill pipe & one 8" drill collar.
8-9-57 Mixing mud to restore 60% lost circulation. Fished & recovered all of fish in 12 hrs.
8-12-57 Cored Pictured Cliffs 3900-3988'. No show.
8-13-57 Fish and recover drill pipe.
8-14-57 Conditioning hole to run 10-3/4" casing.
8-15-57 R.C. 10-3/4" casing on bottom with 200 ex.
8-19-57 Down 11 hrs. Twisted off. Left 9-8" drill collars & bit in hole. Run overshot & jars. Caught fish, come out of hole with fish.
8-20-57 Fish & recover 9-8" drill collars & bit. 2 hrs.

8-21-57 Cored 5720-5726', No show. Core bit jammed.
8-22-57 Cored 5726-5731', recovered 18' sand and shale. No show oil. Core bit jammed.
8-23-57 Cored 5731-5737', recovered 5' sand & shale. No show oil.
8-26-57 Cored 5737-5743', Core bit jammed. recovered 31'. No show. Cored 5743-5749'. No show oil. Stuck on bottom past 25 hrs. Circulating oil to loosen.
8-27-57 Trying to free stuck drill pipe & bit on bottom 24 hrs. Spotted 50 gals oil down drill pipe. Pumped 25 bbls oil down casing.
8-28-57 Drill pipe & bit stuck on bottom past 24 hrs. Backed off drill pipe at 2888', ran 12' of 7" wash pipe. Blowing hole dry at 1970'.
8-29-57 Drill pipe stuck & bit on bottom. Top of fish at 2888'. Ran 123' of 7" wash pipe. Washing over fish at 2917'.
8-30-57 Down 23 hrs. Drill pipe & bit stuck on bottom. Washing over fish 7/7" wash pipe. at 2957'.
9-3-57 Down 72 hrs. with drill pipe & bit stuck on bottom. Top of fish at 2888'. Screwed in top of fish. Could not pull. Backed off again at 2888'. Ran 123' of 7" wash pipe & washed over fish to 2985'. Running drill pipe & jars to attempt to screw in to fish.
9-4-57 Down 48 hrs. with drill pipe and bit stuck on bottom. Ran drill pipe & screwed into fish at 2088'. Recovered 90' of 4 1/2" drill pipe. Top fish now at 2978'. Ran 8-5/8" casing roller. Rolled out 10-3/4" casing to 8-5/8" from 2965' to 2978'. Running 9-3/4" casing roller.
9-5-57 Fishing for 4 1/2" drill pipe & bit stuck on bottom 24 hrs. Rolled out 10-3/4" casing from 8-5/8" to 9-3/4" from 2965' to 2978'. Ran 123' of 7" wash pipe & show to 2975'. Could not go. Pulled. Ran drill pipe & 7-7/8" bit. Washed out to 2978'. Prepare to run impression block.
9-6-57 Down 24 hrs. with drill pipe & bit stuck. Ran impression blk. Stopped at 2972. No impression. Prep. to run drill pipe & 2 jts wash pipe.
9-9-57 Down 48 hrs. stuck drill pipe & bit. Top of fish at 2978'. Ran four mills. Ran impression block. Ran overshot 6-1/8" tapered mill on crooked joint.
9-10-57 Drill pipe stuck 24 hrs. Top fish at 2978'. Attempt to break circulation thru 10-3/4" casing outside & inside, no success. Ran 8 1/2" Type I mill from 2965-2971'. Ran 1 jt. 7" wash pipe & shoe. Washed over 2965-2971'.
9-11-57 Top fish at 2978'. Rashed over with 7" wash pipe 2964-2966'. Pulled wash pipe. recovered 27 coarse sand. Prep. to pull 10-3/4" casing in a tent of full loose.
9-12-57 Attempt to pull 10-3/4" casing. No movement. Ran Free point indicator. 10-3/4" casing stuck at 2901'. Set detainer at 2900'. Squeezed started 10-3/4" casing with 195 ex cement. Max. Press. 800%. BTD 2978'. Tanking down rig. Junked plugged and abandoned September 12, 1957.