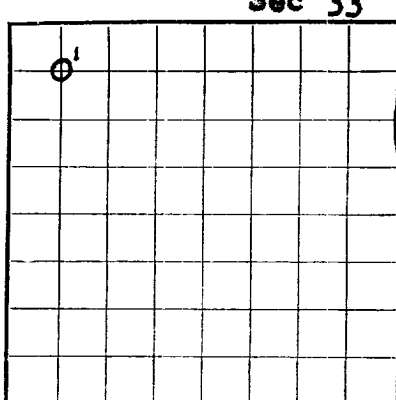


Sec 33



LOCATE WELL CORRECTLY


 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

 Budget Bureau No. 42-3-3553.
 Approval expires 12-31-55.

 Jicarilla Tribal
 Contract No 17
 LEASE OR PERMIT TO PROSPECT Jicarilla
 Tract #25

 U.S. GEOLOGICAL SURVEY
 ALBUQUERQUE, NEW MEXICO

LOG OF OIL OR GAS WELL

Company Magnolia Petroleum Company Address Box 633 - Midland, Texas
 Lessor or Tract Jicarilla Tract # 25 Field Wildcat State New Mexico
 Well No. 1 Sec. 33 T. 23E R. 4W Meridian N.M.P.M. County Sandoval Est
 Location 660 ft. S. of N Line and 660 ft. E. of W Line of Sec 33 Elevation 6957
 (Check four 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 [Signature]
 Date May 23, 1955 Title Div Sup't

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

Commenced drilling Jan 15, 1955 Finished drilling Reached TD 4-7-, 1955
 OJO Alamo 1900' To 1992' OIL OR GAS SANDS OR ZONES Point Lookout 4380 To 4510'
 Kirtland 1992' To 2253' 4380 To 4540'
 Pictured Cliff 2253' To 2332' (Denote gas by G) Green Horn 6383 To 6614'
 Lewis 2332' To 3754' No. 4, from Dakota 6614 To 6689'
 Cliff House 3754' To 3773' No. 5, from Morrison 6689 To 7531'
 Menefee 3773 To 4380' No. 6, from Toilito 7531 To 7577'
 Entrada 7577 To 7628'
 IMPORTANT WATER ZONES Entrada 6763' to 6303'
 No. 1 from 1900' To 1992' No. 3 from Entrada 7577' To 7628'
 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
10 3/4"	32.75	8RT	H-40	615'	Hell 11b	Left in Hole	From - To -	
7 5/8"	21.75	8RT	H-40	4380'	Hell 11b	Left in Hole	From - To -	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	615'	500	Pump & Plug	9.6	143,900# (Bentonite)
7 5/8"	4380'	400	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

(For Perforating Record, see remarks)

TOOLS USED

Rotary tools were used from 0 feet to 7428 (TD) feet, and from - feet to - feet
 Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

DRY AND ABANDONED -, 19- Put to producing DRY AND ABANDONED 19-

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

FRISBIE, YANCY & -, Driller -, Driller
 MC KNIGHT DRUG CO -, Driller -, Driller

503 National Bank of Commerce Building

FROM	TO	TOTAL FEET	FORMATION
1900	1992	192	Ojo Alamo
1992	2253	261	Kirtland
2253	2332	79	Pictured Cliff
2332	3754	1422	Lewis
3754	3773	19	Cliff House
3773	4380	607	Menefee
4380	4540	160	Point Lookout
4540	6383	1843	Wancos
6383	6614	231	Green Horn
6614	6689	75	Dakota
6689	7531	842	Morrison
7531	7577	46	Toilito
7577	7628	51	Entrada

PERFORATING RECORD

Perforated 7 5/8" Csg from 4384-4388 4/6 Shots per Foot.

Perforated 7 5/8" Csg 4384-4388 4/6 Shots per Foot Squeeze.

Perforated 7 5/8" Csg 4/6 Shots per Foot, from 4380-4389.

CORING RECORD

1. Cored 2262'-2317' - Rec 55' Sand, no Shows.
2. Cored 4355-90 - Rec 35' Sand & Shale & Co l. Had Gray Sand, Light Stain & Fluorescence from 4371-73, Good Stain & Fluor. 4380-90.
3. Cored 4390-4425, Rec 33' Sand & Coal. Had Sli Stn, a poor Fluor. from 4299-4401 & 4404-4407.
4. Cored 5555-5620, Rec 65' Sand & Shale-No Shows.
5. Cored 5620-5675, Rec 55' Sand & Shale, No Shows.
6. Cored 5675-5730, Rec 55' Sand & Shale, No Shows.
7. Cored 6602-6621, Rec 19' Sand & Shale, No Shows.
8. Cored 6621-6646, Rec 25' Sand & Shale, No Shows.
9. Cored 6646-6695, Rec 39' Sand & Shale, No Shows.
10. Cored 6695-6751, Rec 56' Sand & Shale, No Shows.
11. Cored 6751-6803, Rec 37' Sand & Shale, w/show of Gas from
12. Cored 7550-7578, Rec 28' Sand & Anhydrite, very sli Sh Oil from 7570-7574.

DRILL STICK TESTS

1. DST-Pictured Cliff 2262-2317, 1 hr, 3/4 X 1" ck, no WC, Nothing to Surf, Rec 100' Drig Mud, No Shows, Open 5 min, Tool Plugged, All Press Off.
2. DST-Point Lookout, 4372-4425, 1 1/2 hrs, 5/8 X 1" ck, no WC, Nothing to surf, Rec 380' Drig mud, very sli Oil Stain, All press Off.
3. DST-Point Lookout, 4595-4620, 2 hrs, 3/4 X 1" ck, no WC, Nothing to surf, Rec 5' Drig Mud, No Shows, All Press Off.
4. DST Menefee, 6065-6122, 1 hr, 1 X 1" ck, no WC, Nothing to Surface, Rec 5' Slightly Gas-Out Drig mud, All Press Off.
5. DST Dakota, 6620-46, 1 hr, 1" X 3/4" ck, no WC, Nothing to Surface, Rec 90' Drig mud, No shows, SFP Off, BHFP 110#.
6. DST-Morrison, 7580-6803, 2 hrs, 3/4" X 1" ck, No WC, nothing to Surf, Rec 5640' brack ish water, sli Gas odor, SFP Off, BHFP 2425#, 30 min BHSP 1085#.
7. DST-Entrada, 7563-7578, 1 hr, 5 min, 5/8 X 1" ck, no WC, Nothing to Surf, Rec 5693' sli Salty water w/sli Oil Stain.

SUMMARY OF OPERATIONS

Spud 1-15-55.
 Cnt 10 3/4" Csg & 615' w/500 Sx, Circ.
 Tested 10 3/4" Csg before & after Drig Plugs w/500#-
 Tested OK.
 Core #1
 DST #1
 Core #2
 Core #3
 DST #2
 Cnt 7 5/8" Csg & 4425' w/400 Sx
 Tested 7 5/8" Csg before & after Drig Plugs w/1000#-30 min
 Tested OK.
 Perf 4384-4388
 Sand-Free Perf 4384-4388 w/500 Gal
 Sq Perf 4384-4388 w/100 Sx
 Perf 4380-4389
 Sand-Free Perf 4380-79 w/100 Gal
 Sand-Free Perf 4380-89 w/2000 Gal
 DST #3
 Core #4
 Core #5
 Core #6
 DST #4
 Core #7
 Core #8
 DST #5
 Core #9
 Core #10
 Core #11
 DST #6

(Continued)

Core # 12
 DST #7
 Reached TD @ 7628'
 Ran Llec Logs
 Cut & Pulled 1972' of 7 5/8"-
 Casing
 Plugged Well w/USGS Permiss.
 Erected Regulation 4' Monu-
 ment.

Plugged & Cemented Cut & Pulled 7 5/8" Csg from 1972'. Spotted Cnt 7628'-7500' w/26 s.s. 6850'-6575' w/50 s.s. 4380-4500' w/12 s.s. 1974'-1974' w/50 s.s. 615'-675' w/25 s.s. 10'-0' w/10 s.s.