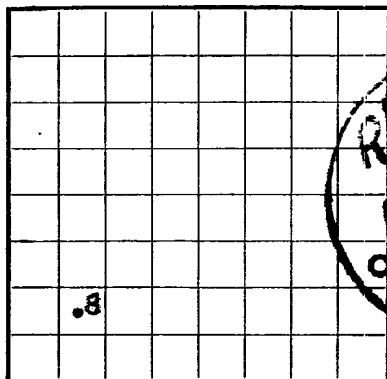


U. S. LAND OFFICE Alamogordo
SERIAL NUMBER Contr. #26 Tract #185
LEASE OR PERMIT TO PROSPECT Alamogordo "B"

INDIAN LAND

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Magnolia Petroleum Company Address Box 2406, Loebe, New Mexico
Lessor or Tract Alamogordo "B" Field Blanco State New Mexico
Well No. 8 Sec. 12 T. 26N R. 3W Meridian N.M.P.M. County Rio Arriba
Location 990 ft. N. of 3 Line and 990 ft. E. of W Line of Sec. 12 Elevation 7210
(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.

Date October 14, 1958Signed G. S. Morris, Jr.
Title District Superintendent

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

Commenced drilling 10-14-58, 1958 Finished drilling 10-18-58, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 304 to 3156 G No. 4, from _____ to _____
No. 2, from 5176 to 5277 G 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—	
10 3/4	32.75	8-11	H-40	292					Surface
7 5/8	26.40	8-11	H-40	292					Intermediate
5	19.75	8-11	H-40	292					Inner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	304	250	Pump & Plug		
7 5/8	4010	125	Pump & Plug		
5	6050	375	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
-	-	-	-	-	-	-

TOOLS USED

Rotary tools were used from 0 feet to 6050 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Shut in waiting on connections.
Put to producing _____, 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

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3092	3182	190	Ojo Alamo
3182	3272	190	Kirtland Fruitland
3272	3362	190	Pictured Cliffs
3362	3452	190	Louis
3452	3542	190	Cliff House
3542	3632	190	Hemlock
3632	3722	190	Point Lookout
3722	3812	190	Hemlock

PERFORATIONS

Perforated 3092-3182, 3182-3272, 3272-3362, 3362-3452, 3452-3542, 3542-3632, 3632-3722, 3722-3812 Jet shots.

POTENTIAL

Potential test completed on 10-13-58.

Mesa Verde SI 182 hrs. TP 1528. Flow on 3 hr test thru 3/4" choke. TP 3098, IP 4830 MCF/Dry. Calculated absolute open flow 6249 MCF/dry.

Pictured Cliffs SI 182 hrs. TP 9248, CP 9248. Flow on 3 hr test thru 3/4" choke. TP 1528. IP 1024 MCF/Dry. CP 4108. Calculated absolute open flow 2306 MCF/dry.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL / CORRECTLY



RECEIVED
OCT 10 1958
OFF. COM. COM.
DIST. 3

Continued drilling _____ 19____
Finished drilling _____ 19____
The summary on this page is for the condition of the well as above date.

(i) $\text{val} \leq \text{size}(U)$

IMPORTANT WATER SAVING

No. 8 form		No. 1 form	
No. 9 form		No. 2 form	

CONFIDENTIAL

CRIME	PERIOD	THREATS	DEATHS	INJURIES	PROPERTY	OTHER	REMARKS
1. MURDER	1960-1969	1	1	1	1	1	
2. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
3. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
4. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
5. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
6. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
7. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
8. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
9. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
10. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
11. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
12. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
13. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
14. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
15. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
16. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
17. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
18. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
19. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
20. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
21. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
22. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
23. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
24. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
25. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
26. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
27. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
28. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
29. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
30. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
31. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
32. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
33. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
34. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
35. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
36. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
37. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
38. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
39. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
40. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
41. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
42. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
43. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
44. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
45. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
46. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
47. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
48. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
49. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
50. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
51. MURDER OF A MINOR	1960-1969	1	1	1	1	1	
52. MURDER OF A MINOR	1960-1969	1	1	1	1	1	

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 the size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs 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: 1964 O - 350-872

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

Size	Shells used	Explosive used	Quantity	Date	Depth shot	Depth cleared and
7 1/2"	1		1	7/2		200

TOOTS USED

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

25740

If gas well cut off per 24 hours -
Gas well cut off per 24 hours
emission of water; and
The production for the first 24 hours was

Part to producing -
Part to producing -

EMPHOYEE

.....		
.....		

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
			FORMATION

SUMMARY

8-15-58 Location noted.
 8-16-58 Commenced drilling operations (spud date).
 8-17-58 Ran 292' (9 Jts) 10 3/4" esg cam on bottom @ 304 w/250 sks cam circ.
 PD 8:00. WOC 24 hrs.
 8-18-58 Tested 10 3/4" esg w/800# 30 mins, held OK.
 8-13-58 Lost 100% circ at 4010. Restored circ 1 1/2 hrs.
 8-14-58 Schlumberger ran Induction-Electrical Log from 304 to 3973.
 8-15-58 Ran 300' (124 Jts) 7 5/8" esg cam @ 4010 w/75 sks 6% Gel + 1/2 # Flocon1
 Per sk + 50 sks Heat. PD 5:30 AM. WOC 24 hrs.
 8-15-58 B & R Service, Inc. ran Temperature Survey from 2500' to 3935'.
 8-15-58 Tested 7 5/8" esg w/1000# for 30 mins, held OK.
 8-18-58 Schlumberger ran Induction & Gamma Ray Logs to 6042.
 8-18-58 Ran 2500' (70 Jts) 5" liner w/BOT assembly set @ 6050' cam w/200 sks 6% Gel
 + 1/2# Flocon1 per sks + 25 sks Heat. PD 6:30 PM. Top Liner @ 3842'.
 8-18-58 B & R Service, Inc. ran Temperature Survey from 3500 to 5075.
 8-19-58 Howco press liner top, broke down to 500#. Pulled 2" tbg & bit. Ran Baker
 FBRC @ 3741, squeezed top liner w/150 sks Heat. Broke down 500-3500#. WOC 6:00
 PM. Pulled 2" tbg & FBRC. Ran 6 3/4" bit + 2", drill cement 3772-3842.
 8-20-58 Tested top liner w/3000# 30 mins, held ok. Ran 2" + 4 1/4" Bit drld cement
 3988-6015 FBTD. Tested liner w/3000# for 30 mins, held OK.
 8-20-58 Rig Released 3:00 PM.
 9-13-58 Moved in Johann-Gebelter Rig.
 9-14-58 Welox ran Radioactivity Log from 1300 to 6015.
 9-14-58 Welox perf 5" liner 5476-5483, 5499-5504, 5585-5589, 5652-5654, 5931-5936,
 5969-5977 w/126 Jet shots.
 9-14-58 Howco sand wtr free perf w/131,300 gals wtr + 93,500# 20-40 mesh sand,
 break down pumped in @ 1290# w/1 truck. Treat 2600-1600# + 125 rubber balls.
 5 min BI 300#. Av Inj 60 BPM.
 9-16-58 Welox perf 7 5/8" esg 3694-3714, 3742-3756 w/70 Jet Star Shots. Attempted
 to run Baker Model "D" Prod Plr on wire line, hanging in collars, reached 5192
 pulled plr, junk packer had cement. Ran 2" + 4 1/4" bit + Down esg scraper @ 5500.
 9-17-58 Ran Bit & scraper to 6008', 12 hrs to pull scraper, hanging @ collars. 6 blades
 on scraper broken. Welox ran gauge ring + junk basket to 5460'. Ran Baker Model
 "D" Prod Plr on wire line @ 5437'.
 9-18-58 Ran Baker DR plug set in Plr @ 5437'. Howco sand wtr free perf w/105000 gals wtr
 + 52,500# 20-40 mesh sand, Break down 1300-800#. Treat 850-325#. Av Inj 70.0
 BPM. 5 min BI 425#.
 9-19-58 Ran 2" + 4 1/4" bit to 5124' stopped, pulled 2" & 4 1/4" bit. Running 2" bit and
 @ 5075, worked down to 5100'. Pulled tbg, found hole in tbg @ 3700, opposite
 Pictured Cliffs perf, re-ran tbg open ended, c/o sand 5075-5427'.
 9-22-58 Ran 2" tbg w/overshot, clean Pictured Cliffs perfs 16 hrs, made sand during
 16 hrs.
 9-23-58 Overshot hanging up while c/o @ 5435', pull 2" tbg & overshot, overshot had
 out on outside. Re-ran overshot on 2" tbg to c/o over DR plug, failed to get
 down over. Pulled out w/out DR plug.
 9-24-58 Ran 2" tbg & overshot latched on to DR plug @ 5437, pulled loose, cleaned off
 T/Plr. Killed well & pulled 2" tbg.
 9-25-58 Ran Howco Verda 2" tbg 173 Jts + 4 Merla Flow Valves 5479' set on plr @ 5437',
 ran 10 Jts 2" hydrill bottomed @ 5964', seating nipple @ 5935'. Ran Pictured
 Cliffs 2" tbg 122 Jts 3733' bottom @ 3741'. Seating nipple @ 3711'.
 9-25-58 Rig released @ 9:00 PM.
 9-25-58 thru
 10-4-58 Clean to pits.
 10-5-58 Shut in for potential test.
 10-13-58 Potential test completed.

