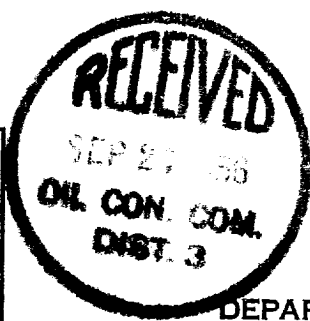
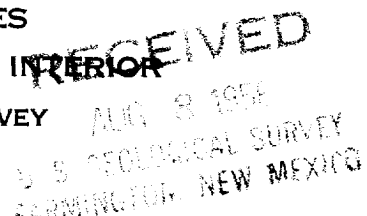


LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079713-B
LEASE OR PERMIT TO PROSPECT Beacon-FederalUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Magnolia Petroleum Company Address P. O. Box 633, Midland, Texas
Lessor or Tract Beacon-Federal Field Wildcat State New Mexico
Well No. 1 Sec. 29 T. 24N.R. 11W Meridian N.M.P.M. County San Juan
Location 660 ft. ^[N.]_[S.] of S Line and 660 ft. ^[E.]_[W.] of E Line of Section 29 Elevation 6318' (Est.)
(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 R. T. GERMAN,
Title Division SuperintendentDate August 3, 1956

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

Commenced drilling June 8, 1956 Finished drilling July 23, 1956.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None 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 None 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	8RT	H-40	310'					
7"	20.0	8RT	H-55	3918'		1150'			
7"	25.0	8RT	H-55	1218'		4249'	4265'		Open formation

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	310'	200	Circulated		
7"	4400'	150	Pump & Plug	1.14	88 bbls
Mud Between Plugs 4530-5000'				1.14	46 bbls

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 5350' (TD) feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Plugged & Abandoned, 19____ Put to producing Dry Hole, 19____
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. _____If gas well, cu. ft. per 24 hours 0 Gallons gasoline per 1,000 cu. ft. of gas 0Rock pressure, lbs. per sq. in. 0

EMPLOYEES

Fleeger Riley Drilling Company Driller _____, Driller
721 Meadows Building Driller _____, Driller
Dallas, Texas

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
725'	983'	258'	Pictured Cliff
983'	3050'	2067'	Mesa Verde
3050'	4027'	977'	Point Lookout
4027'	5119'	1092'	Gallup
5119'	5350' (TD)	231'	Dakota

SUMMARY OF OPERATIONS

- 6-8-56 Spudded.
6-11-56 After setting 10-3/4" casing on bottom @ 310' with 200 sx. cement, circulated, tested with 500# before and after drilling plug, tested OK, no break.
6-13-56 Drill Stem Test Manatee 1884-2037', 1 hr 3/4" X 1" ch. NO water cushion. Nothing to surface. Recovered 1735' fresh water, no oil, or gas. SFP 0#. BHFP 608#. 15 min BHSIP 608#.
6-15-56 Drill Stem Test Manatee 2486-2515', 1 hr. 3/4" X 1" ch. No water cushion. Nothing to surface. Recovered 1200' brackish water, no show oil or gas. SFP 0#. BHFP 133#. 30 min BHSIP 942#.
6-18-56 Drill Stem Test Mancos 3392-3414', 1 hr 3/4" X 1" ch. No water cushion. Nothing to surface. No recovery. SFP 0#. BHFP 85#. 20 min. BHSIP 85#.
6-20-56 Drill Stem Test Mancos 3860-3925' 1 hr 3/4" X 1" ch. No water cushion. Nothing to surface. Recovered 5' drilling mud, no shows. ALL pressures zero.
6-22-56 Cored 3997-4042', recovered 45' sand & shale, no show.
6-25-56 Cored 4042-4100', recovered 58' sand and shale with slight show 4087-4100'. Top Gallup @ 4087'. Cored 4100-4158', recovered 34' sand and shale, no shows. Cored 4176-4234', recovered 58', no shows.
6-26-56 Cored 4234-4294', recovered 60' sand & shale, oil show 4234-4274'. Drill Stem Test Gallup 4179-4294', 1 hr 3/4" X 1" ch. No water cushion. Nothing to surface. Recovered 5' slightly oil & gas cut mud, SFP 0#. BHFP 70#. 15 min BHSIP 125#.
6-27-56 Ran elec. logs. Cored 4296-4355', recovered 59' shaley sand, no show.
7-2-56 Cored 4610-4632', recovered 22' shale, no shows. Cored 4632-4706', recovered 74' sand and shale, show oil 4632-4672'.
7-3-56 Drill Stem Test Santa Fe 4634-4706', 1 hr 3/4" X 1" ch. No water cushion. Nothing to surface. Recovered 5' drilling mud, no shows. All pressures zero.
7-9-56 Cored 5110-5166', recovered 56' sand & shale, slight show 5132-5134'. Top Dakota @ 5115'. Cored 5212-5232', recovered 20' sand & shale, no shows. Drill Stem Test Dakota 5131-5232', 1 1/2 hrs 3/4" ch. No water cushion. Nothing to surface. Recovered 500' mud and gas-cut salt water. SFP 0#. BHFP 250#. 30 min. BHSIP 2210#. Cored 5232-5292', recovered 33' sand and shale, no shows.
7-10-56 Checking logs. Top Gallup @ 5087'. Ran logs @ 5350'. 5350' Total Depth.
7-11-56 Spotted 135 sx. cement 5350-5000', spot 50 sx. cement 4530-4380'.
7-12-56 Found top cement at 4350'. Drilled out to 4400' plug back total depth.
7-13-56 After setting 7" casing on bottom @ 4400' with 150 sx. cement, ran temp. survey, top cement at 3275', tested with 1000# for 30 min before and after drilling plug, tested OK, no break.
7-16-56 Conditioned hole to 4359' Plug Back Total Depth. Ran Elec. Logs. Perforated 7" casing 4249-4255' & 4260-4265' w/6 shots per ft. Ran tubing & packer, swab 16 bbls load oil 6 hrs, dry 1 hr, no gas or water. Pulled tubing & packer. Sandfrac down casing with 2500 gals, casing pressure 1800-1725#. Shut-in casing pressure 1450# in 4 hrs to 1175#. Flow 197 bbls load oil 14 hrs 3/4" ch. Very slight show gas.
7-17-56 Ran tubing and packer, from perforations, swab 31 bbls load oil & 5 bbls salt water 19 hrs, last hr swab .8 of 1 bbl load oil, shake out 10% salt water, very slight show gas.
7-18-56 From perforations swab 4 bbls load oil & 6 bbls salt water 19 hrs. Pulled tubing and packer.
7-19-56 Re-sandfrac perf. 4240-4255' & 4260-4265' with 10,000 gals, Casing pressure 1800-1750#. Shut in 4 hrs, casing pressure 1200#. Flow 527 bbls load oil 14 hrs, 3/4" ch, casing pressure 0#, last hour flow 3 1/2 bbls load oil.
7-20-56 From perforations, flow 16 bbls load oil 8 hrs 3/4" ch, died. Ran tubing & packer, swab 43 bbls load oil & 6 bbls salt water 10 hrs, very slight show gas, 200' fluid in hole, last hour swab 2 bbls load oil, shake out 90% salt water.
7-23-56 Swab 10 bbls load oil & 14 bbls salt water 24 hrs, no gas. 150' fluid in hole. Pulled tubing & packer. Set retainer @ 4200'. Squeezed perf. 100 sx, max. pressure 600#. Shot off 7" casing @ 1150', pulled 1150' of 7" casing.
7-24-56 Spotted 70 sx cement plug 1150-956'. Spotted 45 sx plug 820-720', spotted 35 sx plug 350-248'. Spotted cement plug in surface. Erected 4' regulation monument. Dry, Plugged & Abandoned.