

Form 9-330

Section 20

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Magnolia Petroleum Company** Address **Box 633 Midland, Texas**
Lessor or Tract **Jicarilla "B"** Field **Blanco** State **New Mexico**
Well No. **3** Sec. **20** T. **26N** R. **3-W** Meridian **N.M.P.M.** County **Eldorado**
Location **990** ft. **N.** of **S** Line and **1190** ft. **E.** of **W** Line of **Section 20** Elevation **7131**
(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 9, 1957** Title **R.T. GERIAN**
Division Superintendent

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

Commenced drilling **August 23, 1957** Finished drilling **September 15, 1957**

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

No. 1, from **3798** to **3828** No. 4, from _____ to _____
No. 2, from **5473** to **6065** No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **NONE** to **NONE** 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-RT	Rep.	324'					Surface
7-5/8	26.30	8-RT	Spring	862					
7-5/8	26	8-RT	Augusta	3142			2798	3827	Intermediate
5	15.90	8-RT	Sam	2293			5473	6065	OIL string

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	404	165	Pump & plug	44	57,750 lbs.
5	6130	265	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 _____ feet to **6130** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 9, 1957 Put to producing **September 26, 1957**
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment.
If gas well, cu. ft. per 24 hours **4535 MCF** Gravity, °Bé. _____
Rock pressure, lbs. per sq. in. **320 lbs.** Gallons gasoline per 1,000 cu. ft. of gas **No Test**
EMPLOYEES **Sage Drilling Company**, Driller **SICP-PC-924**
SLIP-MU-1132, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3320	3474	150	OJO Alamo
3474	3770	296	Kirtland Fruitland
3770	3830	60	Pictured Cliffs
3830	5471	1641	Lewis
5471	5573	102	Cliff House
5573	5929	356	Meneffee
5929	6078	149	Point Lookout
6078	6130	52	Mancus

SUMMARY

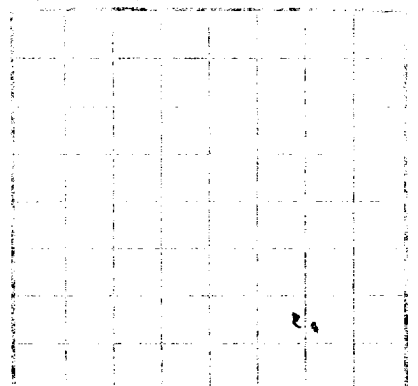
8-23-57 Spudded
8-26-57 Set 10-3/4" Surface Casing on bit with 250 sx @ 324'.
9-3-57 Ran electric logs and then set 7-5/8" Casing, with 165 sx.
9-9-57 Set 2253' of 5" Liner on bottom. Top liner @ 3877'. Cemented with 165 sx.
Perf. 5" Liner @ 5600'.
9-10-57 Cemented thru perf. @ 5600' with 100 sx. Cemented over top of liner with 100 sx.
9-11-57 Drilled out squeeze plug in 5" Liner @ 5561'.
9-12-57 Washed out inside 5" Liner to 6040' HTD. Perf. 5" Liner in Mesa Verde
5473-5484', 5490-5501', 5518-26', 5925-6005', 6052-6056', 6061-6065', rep.
to sandwaterfrac with 110,000 Gals.
9-13-57 Sandwaterfrac 6 sets Mesa Verde perf. with 110,000 Gals. down casing @ 2300-
1800'. Using 1000 balls. Jetted 1000 baw 10 hrs. 3600'. Strong show gas.
9-16-57 From all perf. after 110,000 Gals sandwaterfrac jetted 300 baw 12 hrs. Gas vol.
2415 MCF per day. Perf 7-5/8" Casing in Pictured Cliffs 3798-3804', 3808-3820'.
Set Bridge plug @ 3878'. Sandwaterfrac with 26,000 gals. Down casing @ 1000'.
using 145 rubber balls. flow & jet 475 baw 9 hrs. Gas volume. 1947 MCF per day.
Killed well. Pulled BP @ 3878'. (OVER) Baker rod. KR. @ 5440'. San Mesa Verde
Tbg.

LOGWV-1 RECORD—Continued

9-18-57, From both zones flow baw 140 baw 24 hrs.
9-19-57 From both zones flow 10 baw 12 hrs. Dry 12 hrs. Mesa Verde Gas 354 MCF
per day. Pictured Cliffs Gas 204 MCF per day.
9-20-57 Both zones shut in for Potential test.
9-27-57 Potential test from 7 sets Mesa Verde perf. After 7 days Shut in TF-1132'.
Flow 3 hrs. 48/64" Chk. TF-208'. Gas at rate of 2591 MCF per day. Cal.
absolute open flow 2912 MCF per day. Pictured Cliffs shut in 7 days. TF-924'.
flow 3 hrs. 48/64" ch. TF-112'. CR-313'. Gas at rate of 1456 MCF per day.
Cal. absolute open flow 1623 MCF per day. Completed 9-15-57.

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LOCATE WELL CORRECTLY

Company Name _____
Address _____
State _____
County _____
Location _____
The information given here is a complete and correct record of the well and all work done thereon
to the best of the knowledge of the person signing this log.

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HISTORY OF OIL OR GAS WELL

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 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

FROM—		TO—		TOTAL FEET		FORMATION	
Adapters—Material		Beginning		End		Plugs and Adapters	
Shooting Record		Beginning		End		Plugs and Adapters	
Logs Used		Beginning		End		Plugs and Adapters	
Formation		Beginning		End		Plugs and Adapters	

FORMATION RECORD—Continued

From each corner flow by 100 B.M. 25 feet