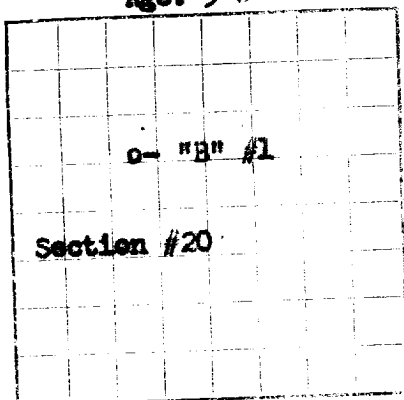




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **Amerada Petroleum Corporation** Address **Drawer D - Monument, New Mexico**
Lessor or Tract **Jicarilla Apache "B"** Field **Wildcat** State **New Mexico**
Well No. **1-6** Sec. **20** T. **24-N** R. **5-W** Meridian **N.M.P.** County **Rio Arriba**
Location **1650** ft. **XX** of **N** Line and **1650** ft. **XX** of **W** Line of **Section #20** Elevation **6551'**
(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 *[Signature]*Date **April 4, 1955**Title **Foreman**

The summary on this page is for the condition of the well at above date.
Commenced drilling **March 18,** 19 **55** Finished drilling **March 27,** 19 **55**

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

No. 1, from **2184'** to **2231'** 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#	8R	Rep.	195'	Guide				
7-5/8"	26.40#	8R	Not Tub	2181'	Float				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	205'	150	Halliburton		
7-5/8"	2184'	200	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

FRACTURING

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Sand-oiled 6-3/4" open hole from 2184' to 2231' with 10,000 gallons of #2 diesel fuel oil and 6,000 pounds of sand.						

TOOLS USED

Rotary tools were used from **0** feet to **2231'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **March 29,** 19 **55**
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 **1,629,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **After 16 days closed in.**

EMPLOYEES

J. A. Ball _____, Driller **G. S. Sisson** _____, Driller
M. W. Robertson _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	6'	6'	Cellar
6'	827'	821'	Shale
827'	1330'	503'	Sand and shale
1330'	1355'	25'	Shale
1355'	1515'	160'	Sand
1515'	2124'	609'	Shale and sand
2124'	2231'	107'	Sand
	2231'		Total Depth

SAMPLE Top of Pictured Cliffs - **2181'**

To supplement form 9-330 submitted 4-4-55 Added test after 16 day closed in period.

FORMATION

FROM—

—OL

TOTAL FEET

FORMATION

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

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 pings or bridges were put in to rest for water, state kind of material used, position, and results of pumping or balling.

ENCLOSURE

Spudded 8-3/4" hole, 3-18-55; finished reaming 8-3/4" hole to 13-3/4" hole to 215', 3-19-55. Set 10-3/4" OD casing at 205', 3-19-55. Drilled 9-7/8" hole to 218 1/2', finished 3-21-55. With total depth at 2125', 3-24-55; ran Schlumberger Gamma Ray and detail surveys. Set 7-5/8" OD casing at 218 1/2', 3-25-55. While M.O.C., ran temperature survey and found top of cement outside 7-5/8" OD casing at 1060' or 115.4' FLL. Drilled 6-3/4" hole with gas from 218 1/2' to 2231', finished 3-27-55. Ran Schlumberger Gamma Ray and induction logs. Ran 2-3/8" OD EUE tubing set at 2171' and sand-oiled 6-3/4" open hole from 218 1/2' to 2231' with 10,000 gallons of #2 diesel fuel oil and at 9 PM, 3-29-55. Ran tubing 3-29-55.

~~COMPLETION REPORT~~

Flowed .60 barrels of lead oil and .10 barrels of water in 15 hours on 3/11
choke; IP 25#, CP 25#; Gas volume 999,100 cfd. Well completed, 3-29-55.

STANDARD NO. 100-100

0001 - 1/7 dec.; 11001 - 1/7 dec.; 12051 - 1/2 dec.; 18691 - 1/2 dec.