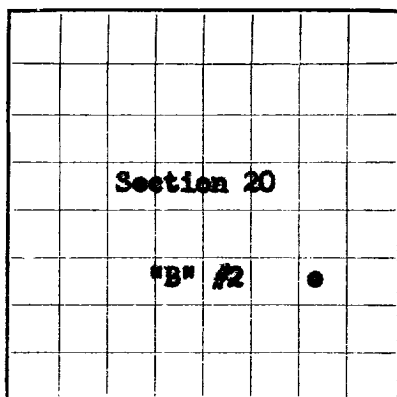


U. S. LAND OFFICE **Jicarilla Apache**
SERIAL NUMBER **Contract 11; Tract 19**
LEASE OR PERMIT TO PROSPECT _____

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 **Undesignated** State **New Mexico**
Well No. **2** Sec. **20** T. **24-N** R. **5-W** Meridian **NMPM** County **Rio Arriba**
Location **990'** ft. **N** of **S** Line and **990'** ft. **W** of **N E** Line of **Section 20** Elevation **6668'** DF
(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 **September 19, 1955** Signed **[Signature]** Title **Foreman**

The summary on this page is for the condition of the well at above date.
Commenced drilling **August 21**, 19**55** Finished drilling **September 9**, 19**55**

OIL OR GAS SANDS OR ZONES

No. 1, from **2284'** to **2337' (G)** No. 4, from _____ to _____

No. 2, from _____ to _____ No. 6, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

No. 1, from _____ to _____ No. 8, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

No. 4, from _____ to _____ No. 8, from _____ to _____

No. 5, from _____ to _____ No. 9, from _____ to _____

No. 6, from _____ to _____ No. 10, from _____ to _____

No. 7, from _____ to _____ No. 11, from _____ to _____

No. 8, from _____ to _____ No. 12, from _____ to _____

No. 9, from _____ to _____ No. 13, from _____ to _____

No. 10, from _____ to _____ No. 14, from _____ to _____

No. 11, from _____ to _____ No. 15, from _____ to _____

No. 12, from _____ to _____ No. 16, from _____ to _____

No. 13, from _____ to _____ No. 17, from _____ to _____

No. 14, from _____ to _____ No. 18, from _____ to _____

No. 15, from _____ to _____ No. 19, from _____ to _____

No. 16, from _____ to _____ No. 20, from _____ to _____

No. 17, from _____ to _____ No. 21, from _____ to _____

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No. 31, from _____ to _____ No. 35, from _____ to _____

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No. 35, from _____ to _____ No. 39, from _____ to _____

No. 36, from _____ to _____ No. 40, from _____ to _____

No. 37, from _____ to _____ No. 41, from _____ to _____

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No. 47, from _____ to _____ No. 51, from _____ to _____

No. 48, from _____ to _____ No. 52, from _____ to _____

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No. 50, from _____ to _____ No. 54, from _____ to _____

No. 51, from _____ to _____ No. 55, from _____ to _____

No. 52, from _____ to _____ No. 56, from _____ to _____

No. 53, from _____ to _____ No. 57, from _____ to _____

No. 54, from _____ to _____ No. 58, from _____ to _____

No. 55, from _____ to _____ No. 59, from _____ to _____

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No. 78, from _____ to _____ No. 82, from _____ to _____

No. 79, from _____ to _____ No. 83, from _____ to _____

No. 80, from _____ to _____ No. 84, from _____ to _____

No. 81, from _____ to _____ No. 85, from _____ to _____

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No. 87, from _____ to _____ No. 91, from _____ to _____

No. 88, from _____ to _____ No. 92, from _____ to _____

No. 89, from _____ to _____ No. 93, from _____ to _____

No. 90, from _____ to _____ No. 94, from _____ to _____

No. 91, from _____ to _____ No. 95, from _____ to _____

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No. 97, from _____ to _____ No. 101, from _____ to _____

No. 98, from _____ to _____ No. 102, from _____ to _____

No. 99, from _____ to _____ No. 103, from _____ to _____

No. 100, from _____ to _____ No. 104, from _____ to _____

No. 101, from _____ to _____ No. 105, from _____ to _____

No. 102, from _____ to _____ No. 106, from _____ to _____

No. 103, from _____ to _____ No. 107, from _____ to _____

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No. 105, from _____ to _____ No. 109, from _____ to _____

No. 106, from _____ to _____ No. 110, from _____ to _____

No. 107, from _____ to _____ No. 111, from _____ to _____

No. 108, from _____ to _____ No. 112, from _____ to _____

No. 109, from _____ to _____ No. 113, from _____ to _____

No. 110, from _____ to _____ No. 114, from _____ to _____

No. 111, from _____ to _____ No. 115, from _____ to _____

No. 112, from _____ to _____ No. 116, from _____ to _____

No. 113, from _____ to _____ No. 117, from _____ to _____

No. 114, from _____ to _____ No. 118, from _____ to _____

No. 115, from _____ to _____ No. 119, from _____ to _____

No. 116, from _____ to _____ No. 120, from _____ to _____

No. 117, from _____ to _____ No. 121, from _____ to _____

No. 118, from _____ to _____ No. 122, from _____ to _____

No. 119, from _____ to _____ No. 123, from _____ to _____

No. 120, from _____ to _____ No. 124, from _____ to _____

No. 121, from _____ to _____ No. 125, from _____ to _____

No. 122, from _____ to _____ No. 126, from _____ to _____

No. 123, from _____ to _____ No. 127, from _____ to _____

No. 124, from _____ to _____ No. 128, from _____ to _____

No. 125, from _____ to _____ No. 129, from _____ to _____

No. 126, from _____ to _____ No. 130, from _____ to _____

No. 127, from _____ to _____ No. 131, from _____ to _____

No. 128, from _____ to _____ No. 132, from _____ to _____

No. 129, from _____ to _____ No. 133, from _____ to _____

No. 130, from _____ to _____ No. 134, from _____ to _____

No. 131, from _____ to _____ No. 135, from _____ to _____

No. 132, from _____ to _____ No. 136, from _____ to _____

No. 133, from _____ to _____ No. 137, from _____ to _____

No. 134, from _____ to _____ No. 138, from _____ to _____

No. 135, from _____ to _____ No. 139, from _____ to _____

No. 136, from _____ to _____ No. 140, from _____ to _____

No. 137, from _____ to _____ No. 141, from _____ to _____

No. 138, from _____ to _____ No. 142, from _____ to _____

No. 139, from _____ to _____ No. 143, from _____ to _____

No. 140, from _____ to _____ No. 144, from _____ to _____

No. 141, from _____ to _____ No. 145, from _____ to _____

No. 142, from _____ to _____ No. 146, from _____ to _____

No. 143, from _____ to _____ No. 147, from _____ to _____

No. 144, from _____ to _____ No. 148, from _____ to _____

No. 145, from _____ to _____ No. 149, from _____ to _____

No. 146, from _____ to _____ No. 150, from _____ to _____

No. 147, from _____ to _____ No. 151, from _____ to _____

No. 148, from _____ to _____ No. 152, from _____ to _____

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No. 160, from _____ to _____ No. 164, from _____ to _____

No. 161, from _____ to _____ No. 165, from _____ to _____

No. 162, from _____ to _____ No. 166, from _____ to _____

No. 163, from _____ to _____ No. 167, from _____ to _____

No. 164, from _____ to _____ No. 168, from _____ to _____

No. 165, from _____ to _____ No. 169, from _____ to _____

No. 166, from _____ to _____ No. 170, from _____ to _____

No. 167, from _____ to _____ No. 171, from _____ to _____

No. 168, from _____ to _____ No. 172, from _____ to _____

No. 169, from _____ to _____ No. 173, from _____ to _____

No. 170, from _____ to _____ No. 174, from _____ to _____

No. 171, from _____ to _____ No. 175, from _____ to _____

No. 172, from _____ to _____ No. 176, from _____ to _____

No. 173, from _____ to _____ No. 177, from _____ to _____

No. 174, from _____ to _____ No. 178, from _____ to _____

No. 175, from _____ to _____ No. 179, from _____ to _____

No. 176, from _____ to _____ No. 180, from _____ to _____

No. 177, from _____ to _____ No. 181, from _____ to _____

No. 178, from _____ to _____ No. 182, from _____ to _____

No. 179, from _____ to _____ No. 183, from _____ to _____

No. 180, from _____ to _____ No. 184, from _____ to _____

No. 181, from _____ to _____ No. 185, from _____ to _____

No. 182, from _____ to _____ No. 186, from _____ to _____

No. 183, from _____ to _____ No. 187, from _____ to _____

No. 184, from _____ to _____ No. 188, from _____ to _____

No. 185, from _____ to _____ No. 189, from _____ to _____

No. 186, from _____ to _____ No. 190, from _____ to _____

No. 187, from _____ to _____ No. 191, from _____ to _____

No. 188, from _____ to _____ No. 192, from _____ to _____

No. 189, from _____ to _____ No. 193, from _____ to _____

No. 190, from _____ to _____ No. 194, from _____ to _____

No. 191, from _____ to _____ No. 195, from _____ to _____

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No. 194, from _____ to _____ No. 198, from _____ to _____

No. 195, from _____ to _____ No. 199, from _____ to _____

No. 196, from _____ to _____ No. 200, from _____ to _____

No. 197, from _____ to _____ No. 201, from _____ to _____

No. 198, from _____ to _____ No. 202, from _____ to _____

No. 199, from _____ to _____ No. 203, from _____ to _____

No. 200, from _____ to _____ No. 204, from _____ to _____

No. 201, from _____ to _____ No. 205, from _____ to _____

No. 202, from _____ to _____ No. 206, from _____ to _____

No. 203, from _____ to _____ No. 207, from _____ to _____

No. 204, from _____ to _____ No. 208, from _____ to _____

No. 205, from _____ to _____ No. 209, from _____ to _____

No. 206, from _____ to _____ No. 210, from _____ to _____

No. 207, from _____ to _____ No. 211, from _____ to _____

No. 208, from _____ to _____ No. 212, from _____ to _____

No. 209, from _____ to _____ No. 213, from _____ to _____

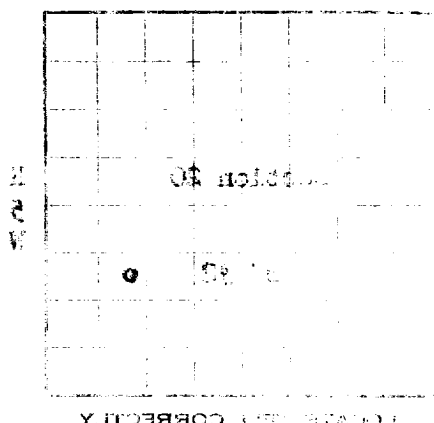
No. 210, from _____ to _____ No. 214, from _____ to _____

No. 211,

U.S. LAND OFFICE
Contract No. 11-100-10000
Please see Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



General location of well: ...
Section 10, Township 10N, Range 10E, ...
The well is located in the center of the section.

1321' - started and 1621' - 1 1/2' ...
The well is located in the center of the section.

Gas Vol. 2,704,000 cu. ft. ...
Flowed 0 days. ...

and well started flowing. ...
Log, run tubing and sand-oil fractured with 13,000 gals. ...

It is of the greatest importance to have a complete history of the well. ...

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
1321'	1621'	300'	Sandy shale
1621'	1821'	200'	Sand and shale
1821'	2021'	200'	Shale and sand
2021'	2221'	200'	Shale and sand
2221'	2421'	200'	Shale and sand
2421'	2621'	200'	Shale and sand
2621'	2821'	200'	Shale and sand
2821'	3021'	200'	Shale and sand
3021'	3221'	200'	Shale and sand
3221'	3421'	200'	Shale and sand
3421'	3621'	200'	Shale and sand
3621'	3821'	200'	Shale and sand
3821'	4021'	200'	Shale and sand
4021'	4221'	200'	Shale and sand
4221'	4421'	200'	Shale and sand
4421'	4621'	200'	Shale and sand
4621'	4821'	200'	Shale and sand
4821'	5021'	200'	Shale and sand
5021'	5221'	200'	Shale and sand
5221'	5421'	200'	Shale and sand
5421'	5621'	200'	Shale and sand
5621'	5821'	200'	Shale and sand
5821'	6021'	200'	Shale and sand
6021'	6221'	200'	Shale and sand
6221'	6421'	200'	Shale and sand
6421'	6621'	200'	Shale and sand
6621'	6821'	200'	Shale and sand
6821'	7021'	200'	Shale and sand
7021'	7221'	200'	Shale and sand
7221'	7421'	200'	Shale and sand
7421'	7621'	200'	Shale and sand
7621'	7821'	200'	Shale and sand
7821'	8021'	200'	Shale and sand
8021'	8221'	200'	Shale and sand
8221'	8421'	200'	Shale and sand
8421'	8621'	200'	Shale and sand
8621'	8821'	200'	Shale and sand
8821'	9021'	200'	Shale and sand
9021'	9221'	200'	Shale and sand
9221'	9421'	200'	Shale and sand
9421'	9621'	200'	Shale and sand
9621'	9821'	200'	Shale and sand
9821'	10021'	200'	Shale and sand