

T-24-N											
Section 19											
"B" #4.											

U. S. LAND OFFICE **Jicarilla Apache**
SERIAL NUMBER **Contract 11, Tract 19**
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Amerada Petroleum Corporation** Address **Drawer D - Monument, New Mexico**
Lessor or Tract **Jicarilla Apache "B"** Field **Undesignated** State **New Mexico**
Well No. **4** Sec. **19** T **24-N** R. **5-W** Meridian **NMPM** County **Rio Arriba**
Location **990** ft. [N.] of **8** Line and **990** ft. [E.] of **E** Line of **Section 19** Elevation **6616'**
(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 **B. L. Rhoden**
Title **District Superintendent**

Date **October 11, 1955**
The summary on this page is for the condition of the well at above date.
Commenced drilling **September 10, 1955** Finished drilling **September 18, 1955**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2217'** to **2243'** No. 4, from **2217'** to **2243'**
No. 2, from **2217'** to **2243'** No. 5, from **2217'** to **2243'**
No. 3, from **2217'** to **2243'** No. 6, from **2217'** to **2243'**

IMPORTANT WATER SANDS

No. 1, from **2217'** to **2243'** No. 2, from **2217'** to **2243'**
No. 3, from **2217'** to **2243'** No. 4, from **2217'** to **2243'**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24	8-R	Lone Star	165'	Guide				Water Shut Off
5-1/2"	16.5	8-R	Star	2217'	Float				Prod. String

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	165'	75	Halliburton		
5-1/2"	2217'	200	Halliburton		

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 **2243'** feet, and from _____ feet to _____ feet
Cable tools were used from **None** feet to _____ feet, and from _____ feet to _____ feet

DATES

October 6, 1955 Put to producing _____, 19____
The production for the first 24 hours was **0** barrels of fluid of which _____% was oil; _____%
emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours **795,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **640**

EMPLOYEES

B. L. Rhoden, Driller **E. B. Foster**, Driller
Rowan Bond, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	165'	165'	Cellar
165'	430'	265'	Shale
430'	2012'	1582'	Sand & Shale
2012'	2175'	163'	Sand, Shale & Coal
2175'	2219'	44'	Shale & Sand
2219'	2243'	24'	Total Depth

FROM—	TO—	TOTAL FEET	FORMATION
			CORE DESCRIPTION Cut & recovered 24' (100%) with rental core barrel & head. Average coring time 18.5 min. per foot. Sandstone, salt & pepper, grey green, brown & black grains, med. grain, well rounded, frosted generally oval to spheroidal, abundant soft clay, bituminous clay matrix; tight. Same as above w/few spots of porosity not filled with clay. Sandstone, same as above with very little or no porosity with 4" streaks of shaley sand & black bituminous material. Same as above poor porosity & permeability with widely scattered streaks of shale 1/16" to 1/8" thick.
			2219'-2227'
			2227'-2230'
			2230'-2235'
			2235'-2243'
			2243'-2251'
			2251'-2259'
			2259'-2267'
			2267'-2275'
			2275'-2283'
			2283'-2291'
			2291'-2299'
			2299'-2307'
			2307'-2315'
			2315'-2323'
			2323'-2331'
			2331'-2339'
			2339'-2347'
			2347'-2355'
			2355'-2363'
			2363'-2371'
			2371'-2379'
			2379'-2387'
			2387'-2395'
			2395'-2403'
			2403'-2411'
			2411'-2419'
			2419'-2427'
			2427'-2435'
			2435'-2443'
			2443'-2451'
			2451'-2459'
			2459'-2467'
			2467'-2475'
			2475'-2483'
			2483'-2491'
			2491'-2499'
			2499'-2507'
			2507'-2515'
			2515'-2523'
			2523'-2531'
			2531'-2539'
			2539'-2547'
			2547'-2555'
			2555'-2563'
			2563'-2571'
			2571'-2579'
			2579'-2587'
			2587'-2595'
			2595'-2603'
			2603'-2611'
			2611'-2619'
			2619'-2627'
			2627'-2635'
			2635'-2643'
			2643'-2651'
			2651'-2659'
			2659'-2667'
			2667'-2675'
			2675'-2683'
			2683'-2691'
			2691'-2699'
			2699'-2707'
			2707'-2715'
			2715'-2723'
			2723'-2731'
			2731'-2739'
			2739'-2747'
			2747'-2755'
			2755'-2763'
			2763'-2771'
			2771'-2779'
			2779'-2787'
			2787'-2795'
			2795'-2803'
			2803'-2811'
			2811'-2819'
			2819'-2827'
			2827'-2835'
			2835'-2843'
			2843'-2851'
			2851'-2859'
			2859'-2867'
			2867'-2875'
			2875'-2883'
			2883'-2891'
			2891'-2899'
			2899'-2907'
			2907'-2915'
			2915'-2923'
			2923'-2931'
			2931'-2939'
			2939'-2947'
			2947'-2955'
			2955'-2963'
			2963'-2971'
			2971'-2979'
			2979'-2987'
			2987'-2995'
			2995'-3003'
			3003'-3011'
			3011'-3019'
			3019'-3027'
			3027'-3035'
			3035'-3043'
			3043'-3051'
			3051'-3059'
			3059'-3067'
			3067'-3075'
			3075'-3083'
			3083'-3091'
			3091'-3099'
			3099'-3107'
			3107'-3115'
			3115'-3123'
			3123'-3131'
			3131'-3139'
			3139'-3147'
			3147'-3155'
			3155'-3163'
			3163'-3171'
			3171'-3179'
			3179'-3187'
			3187'-3195'
			3195'-3203'
			3203'-3211'
			3211'-3219'
			3219'-3227'
			3227'-3235'
			3235'-3243'
			3243'-3251'
			3251'-3259'
			3259'-3267'
			3267'-3275'
			3275'-3283'
			3283'-3291'
			3291'-3299'
			3299'-3307'
			3307'-3315'
			3315'-3323'
			3323'-3331'
			3331'-3339'
			3339'-3347'
			3347'-3355'
			3355'-3363'
			3363'-3371'
			3371'-3379'
			3379'-3387'
			3387'-3395'
			3395'-3403'
			3403'-3411'
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			3635'-3643'
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			3987'-3995'
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			4179'-4187'
			4187'-4195'
			4195'-4203'
			4203'-4211'
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			4219'-4227'
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			4243'-4251'
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			4283'-4291'
			4291'-4299'
			4299'-4307'
			4307'-4315'
			4315'-4323'
			4323'-4331'
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			4675'-4683'
			4683'-4691'
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			4763'-4771'
			4771'-4779'
			4779'-4787'
			4787'-4795'
			4795'-4803'
			4803'-4811'
			4811'-4819'
			4819'-4827'
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			4835'-4843'
			4843'-4851'
			4851'-4859'
			4859'-4867'
			4867'-4875'
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			5195'-5203'
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