

N. *R36E*NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days
after completion of well. Indicate questionable data by fol-
lowing it with (?). Submit in duplicate.

Company Amerada Petroleum Corporation Address Tulsa, Oklahoma

Send correspondence to J. A. Starkey Address Drawer 50 Horns, New Mexico.

State-D Well No. 1 in 1/4 of 1 of Sec. 1, T. 20S,
36N, N. M. P. M., Wildcat Oil Field Lee County.

If State land the oil and gas lease is No. B-154 Assignment No. 1

If patented land the owner is _____ Address _____

The lessee is Amerada Petroleum Corporation Address Tulsa, Oklahoma

If not state or patented land, give status _____

Drilling commenced December 14, 1934 Drilling was completed March 3, 1935

Name of drilling contractor Noble Drilling Company Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3500 feet.

The information given is to be kept confidential until No request 19____

OIL SANDS OR ZONES

No. 1, from 3504' to 3500' No. 4, from _____ to _____

No. 2, from 3503' to 3905' No. 5, from _____ to _____

No. 3, from 3913' to 3929' 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	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>12 1/2"</u>	<u>50</u>	<u>8</u>	<u>L. .</u>	<u>196'</u>	<u>TF</u>				
<u>9-5/8"</u>	<u>36</u>	<u>8</u>	<u>S. S</u>	<u>3514'</u>	<u>Merkin</u>				
<u>7"</u>	<u>24</u>	<u>10</u>	<u>S. S</u>	<u>3750'</u>	<u>Baker</u>				

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2"</u>	<u>196'</u>	<u>150</u>	<u>Halliburton</u>		
<u>9-5/8"</u>	<u>3514'</u>	<u>450</u>	<u>Halliburton</u>		
<u>7"</u>	<u>3750'</u>	<u>75</u>	<u>Halliburton</u>		

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
<u>Treated with 2000 Gallons Dowell XX acid through 3" tubing. Followed with 40 Bbls. oil after plugging back from Total Depth of 3554' to 3945' and setting packer at 3029' with perforation above.</u>						

TOOLS USED

Rotary tools were used from 196' feet to 3514' feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 196' feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing February 24, 1935

The production of the first 24 hours was 915 barrels of fluid of which 99 % was oil; _____ %
emulsion; _____ % water; and 1/2 % sediment. Gravity, Be. 22.5

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

Well flowed at rate of 148 Bbls. per day for sixteen hours after Acid treatment, with 3" tubing open. Gas measured 2,100,000 cu. ft. per day.

EMPLOYEES

T.S. Offut, Driller Pat Gallow, Driller

E.A. McKippips, Driller _____, Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 20 Name J. A. Starkey
day of March, 1935 Position State Geologist

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
8	11	4	Site 1 and structure
9	11	2	Surface sand
11	20	9	Cliche & clay
20	30	10	Cliche
30	138	108	Red shale
136	156	20	Gray sandstone
156	175	19	Gray sand
175	179	4	Show of water sand
179	196	17	Hard sand
196	214	18	White sand
214	230	16	Hard sand
230	456	226	Red bed
456	605	149	Red bed & shells
605	718	113	Sandy red bed & shells
718	779	61	Red rock & sand
779	880	101	Red sandrock
880	968	88	Red sandrock & lime shells
968	989	21	Anhydrite
989	1011	22	Lime
1011	1075	64	Anhydrite & lime
1075	1152	77	Anhydrite, shale & Potash
1152	1163	11	Anhydrite & Potash
1163	1232	72	Salt & Potash
1232	1234	2	Anhydrite (Hard)
1234	1280	46	Salt, Potash & Anhydrite
1280	1335	55	Anhydrite
1335	1350	15	Anhydrite, Salt & Potash
1350	1381	31	Anhydrite & Potash
1381	1392	11	Anhydrite (Hard)
1392	1422	30	Anhydrite & Potash
1422	1430	8	Anhydrite
1430	1438	8	Anhydrite & Potash
1438	1438	0	Red rock (Hard)
1438	1437	1	Anhydrite & streaks of Potash
1437	1495	58	Red rock
1495	1513	18	Anhydrite
1513	1547	34	Potash & shale
1547	1600	53	Salt streaks & Potash
1600	1690	90	Anhydrite (Hard)
1690	1700	10	Anhydrite, Salt & Potash
1700	1710	10	Anhydrite & salt
1710	1718	8	Anhydrite
1718	1730	12	Salt
1730	1730	0	Salt & Potash
1730	1730	0	Salt
1730	1730	0	Salt
1730	1894	164	Salt & Potash
1894	1898	4	Gray lime
1898	1930	32	Anhydrite & lime
1930	1940	10	Salt & Potash
1940	1968	28	Anhydrite & streaks of salt
1968	1968	0	Anhydrite & lime
1968	1990	22	Anhydrite & Potash
1990	2015	25	Salt & Potash
2015	2024	9	Anhydrite & salt
2024	2054	30	Salt & Potash
2054	2059	5	Anhydrite & salt
2059	2100	41	Salt & Potash
2100	2124	24	Anhydrite & salt
2124	2208	84	Salt
2208	2255	47	Salt & Potash
2255	2265	10	Anhydrite
2265	2267	2	Redrock & red sea
2267	2290	23	Anhydrite & Red bed
2290	2300	10	Anhydrite & salt
2300	2314	14	Anhydrite
2314	2391	77	Anhydrite
2391	2400	9	Lime
2400	2446	46	Anhydrite
2446	2450	4	Sand (Soft)
2450	2563	113	Anhydrite
2563	2590	27	Anhydrite and streaks of lime shells
2590	2661	61	Anhydrite & Brown lime
2661	2690	29	Lime & Anhydrite
2690	2695	5	Sand
2695	2714	19	Anhydrite & streaks of sand & lime
2714	2750	36	Anhydrite & Brown lime
2750	2782	32	Anhydrite & Brown lime
2782	2830	48	Brown lime & Anhydrite
2830	2840	10	Anhydrite & streaks of lime
2840	2851	11	Brown sandy lime
2851	2930	79	Brown lime & Anhydrite
2930	2945	15	Sandy Brown lime
2945	2950	5	Hard sand
2950	3008	58	Sandy lime & Anhydrite
3008	3025	17	Sandy Brown lime
3025	3050	25	Gray lime
3050	3125	75	Anhydrite & Gray lime
3125	3152	27	Sandy lime
3152	3175	23	Gray lime
3175	3190	15	Sandy Gray lime
3190	3200	10	Sand (Hard)
3200	3225	25	Anhydrite & Brown lime
3225	3248	23	Anhydrite & Gray lime
3248	3255	7	Gray lime
3255	3259	4	Anhydrite & Gray lime
3259	3280	21	Gray & Brown lime
3280	3290	10	Gray lime (Hard)
3290	3298	8	Sandy lime (Hard)
3298	3300	2	Gray lime (Hard)
3300	3300	0	Brown sand
3300	3332	32	Gray sandy lime (Hard)
3332	3340	8	Sand
3340	3360	20	Gray lime
3360	3370	10	Gray sandy lime
3370	3380	10	Anhydrite
3380	3415	35	Gray lime (Hard)
3415	3417	2	Brown lime (medium Hard)
3417	3424	7	Gray & Brown lime (Hard)
3424	3428	4	Gray lime (Hard)
3428	3430	2	Gray lime
3430	3438	8	Sandy lime (Hard)
3438	3495	57	Gray lime (Hard)
3495	3498	3	Brown & Gray lime
3498	3540	42	Sand & lime

WELL LOG - 1010 - 1011 - 1012.

3660'	3664'	104'	Gray line
3664'	3668'	4'	Sand
3668'	3675'	7'	Gray line
3675'	3680'	5'	Sand
3680'	3684'	14'	Gray line
3684'	3712'	18'	Sandy line
3712'	3725'	15'	Gray line
3725'	3735'	10'	Brown sand
3735'	3740'	5'	Brown line
3740'	3750'	10'	Gray & Brown line
3750'	3755'	33'	Sandy line
3755'	3759'	18'	Brown line
3759'	3813'	4'	Gray & Brown line
3813'	3818'	10'	Gray line
3818'	3822'	5'	Brown sand
3822'	3831'	9'	Sandy line
3831'	3840'	9'	Blue line
3840'	3850'	10'	Brown line
3850'	3855'	11'	Brown & Sandy line
3855'	3859'	20'	Brown line
3859'	3863'	4'	Gray line (hard)
3863'	3865'	2'	Brown & Sandy line

3865'	3904'	9'	Hard line
3904'	3906'	2'	Medium Hard line
3906'	3929'	23'	Brown line
3929'	3954'	25'	Sandy line

Cemented back to 3954'

Cement washed out to 3945' after standing four days.

Total Depth at completion 3945'.