

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Amerada Petroleum Corporation - Monument, New Mexico

State BT#A

Well No. 2 Company or Operator C/SN/4, NE/4 Lease 2 T. 12-S

R. 33-E, N. M. P. M., Bagley-Pennsylvanian Field, Lea County.

Well is 1980 feet south of the North line and 1980 feet west of the East line of Section 2

If State land the oil and gas lease is No. B-9950 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Amerada Petroleum Corporation Address P.O. Box 2040, Tulsa, Oklahoma

Drilling commenced 10/23/51 19 Drilling was completed 12/16/51 19

Name of drilling contractor Creekmore Drilling Co. Address Thompson Bldg., Tulsa, Okla.

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until Not Confidential 19

OIL SANDS OR ZONES

No. 1, from 8945 to 9034 No. 4, from to

No. 2, from to No. 5, from to

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

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	TO	PURPOSE
11-3/4	47#	8-RT	Sals	297'	Guide				
7-5/8	26.40 #								
	29.70#	8-RT	Sals	37 1/4	Float				
5-1/2	15.5 # 17	8-RT	Sals	9088	Float		9020	9034	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	11-3/4	316	225	Halliburton		
9-5/8	7-5/8	3790	1500	Halliburton		
6-1/4	5-1/2	9100	600	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set

Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Dowell 15% LST	500-G ₂ 1	12/22/51	9020-9034'	

Results of shooting or chemical treatment Flowed 1001.76 bbl oil, 5.28 bbl water in 24 hours on 20/64" choke. TP 1350# CP 1600#. Gas Vol. 1,624,000 cu ft per day. GOR 1621 Gty 47.6

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from 0' feet to 9456' feet, and from feet to feet.

Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to producing December 23, 1951, 19

The production of the first 24 hours was 1007.04 barrels of fluid of which 99.48 % was oil; 0 %

emulsion; .52 % water; and % sediment. Gravity, Be 47.6

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

C. P. White, Driller W. W. Schwafts, Driller

WOODSHIRE, Driller J. D. Setliff, 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 27th

day of December 1951

Notary Public

My Commission expires 6/23/55

Monument, New Mexico December 27, 1951

Place

Date

Name Dr. Topp

Position Assistant District Superintendent

Representing Amerada Petroleum Corporation

Company or Operator.

Address Drawer D, Monument, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6'	6'	Cellar
6	184	182	Caliche & Sand
184	295	111	Red Bed
295	542	247	Red Bed and Sand
542	1500	958	Red Bgd
1500	1710	210	Red Bed and Shale.
1710	1760	50	Red B&S
1760	1880	120	Red Bed and Anhydrite
1880	2055	175	Red Bed, Salt and Anhydrite
2055	2148	93	Salt
2148	2508	360	Salt and Anhydrite
2508	2638	130	Anhydrite and Red Bed
2638	2934	296	Anhydrite and Salt
2934	3035	101	Anhydrite and Gyp
3035	3197	162	Anhydrite, Gyp and Salt
3197	3238	41	Anhydrite and Salt.
3238	3460	222	Anhydrite and Sand
3460	3498	30	Anhydrite, Salt and Sand
3498	3525	27	Anhydrite and Sand
3525	3653	128	Anhydrite, Salt and Sand
3653	3690	37	Anhydrite and Sand
3690	3702	12	Anhydrite and Salt.
3702	3743	41	Anhydrite, sand & Salt
3743	3794	51	Anhydrite and Lime
3794	3806	12	Lime
3806	3870	64	Anhydrite and Lime
3870	4231	361	Lime
4231	4253	21	Lime & Gyp
4253	4394	142	Lime
4394	4423	29	Lime and Dolomite
4423	5164	741	Lime
5164	5199	35	Lime and Shale
5199	5265	66	Lime
5265	5338	73	Lime and Shale
5338	5371	33	Lime
5371	5419	48	Lime, Shale and Anhydrite
5419	5700	281	Lime and Shale
5700	6660	960	Lime
6660	6690	30	Lime and Shale
6690	7242	552	Lime
7242	7270	38	Lime and Shale
7270	7960	690	Shale, Dolomite and Anhydrite
7960	8350	390	Dolomite and Anhydrite
8350	8520	170	Dolomite and Chert
8520	9456	936	Limestone
	9456		Total Depth
	9095		Drilled out Depth

SLOPE TESTSGEOLOGICAL DATA

320'	pl/4 deg.	Top anhydrite	1700'
1025	-1/2	Top Salt	1778
2002	-3/4	Base Salt	2410
2502	-3/4	Top Yates	2500
2942	-3/4	Top Artesia Red Sand	3183
3785	-1/2	Top Sand Andres	3763
4450	Straight	Top Paddock	5425
5030	-1/2	Top Clearfork	5904
6175	-1/4	Top Abe	7285
6770	-1/2	Top Wolfcamp	8350
7500	1-	Top Pennsylvanian	8595
8017	-3/4		
8482	2-1/4		
8650	2-1/4		
8912	2-		
9325	1-1/4		

DRILL STEM TESTS

- D.S.T. #1 - From 8780' to 8771' - 1 hour & 15 minute Test - Tool open with a weak blow of air for 4 minutes and died. Closed & re-opened with a few bubbles. No fluid to surface. Recovered 450' Drlg. Mud. No show of oil, gas or water.
- D.S.T. #2 - From 8998' to 9050' - 4 hour Test - Opened tool with gas up in 4 minutes, mud up in 7 minutes, oil up in 20 minutes. Flowed 378.81 bbl in 4 ho rs. Gas Vol. 3,172 cu ft per day. Gty 44.2 Recovered 840' free oil. No Water.
- D.S.T. #3 - From 9361' to 9456' - 1 hour & 7 minute Test - Opened tool with very faint blow of air for 15 minutes and died. Closed & re-opened tool with few bubbles. Recovered 30' Drlg. Mud. No show of oil, gas or water.