

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or 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 D-4A

Well No. 5 Company or Operator in E/2, N E/4, SE/4 of Sec. 16, T. 21-S

R. 37-3, N. M. P. M., Undesignated Field, Lea County.

Well is 3300 feet south of the North line and 330 feet west of the East line of Section 16

If State land the oil and gas lease is No. B-85 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 3/4/52 19 Drilling was completed 4/28/52 19

Name of drilling contractor Howard P. Holmes Address 1220 Kirby Building Dallas, Texas

Elevation above sea level at top of casing 3461 feet.

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

OIL SANDS OR ZONES

No. 1, from 7838 to 7904 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 None 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 TO	PURPOSE
13-3/8	360	S.J.	Weld	240	Guide			
8-5/8	24-32-360	8-RT	Sale.	2805	Flank			
5-1/2	15.5 & 17 1/2	8-RT	Sale.	8213	Flank		7838 7904	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	258'	200	Halliburton		
11	8-5/8	2820	1900	Halliburton		
6-3/4	5-1/2	8225	900	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
		Western Co. Hot Acid	900-Gal	5/6/52	7838-7904	

Flowed 219.34 bbl oil, 4.22 bbl S.S. & O-water in 15 hours on 16/54. Choke. IF 300#. Gas Vol. 286,070 cu ft p/4 GOR 215 Gcy 39.1

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 8330 feet, and from feet to feet.

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

PRODUCTION

Put to producing 5/6/52 19

The production of the first 24 hours was 357.60 barrels of fluid of which 96.12 % was oil; 1.68 % emulsion; % water; and 39.1 % sediment. Gravity, Be

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

W. C. Wauson Driller A. C. Bradford Driller

C.W. Bankston 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 5th day of June 1952

day of June 1952

Notary Public

My Commission expires

Monument, New Mexico June 5, 1952

Place Date

Name Assistant District Superintendent

Position Amerada Petroleum Corporation

Representing Drawer D, Monument, New Mexico

Address

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	6	6	Cellar
6	1010	1004	Caliche, Red Shale and Sand
1010	1120	110	Anhydrite, Red Sand and Shale
1120	2220	1100	Salt, Polyhalite and Anhydrite
2220	2385	165	Anhydrite
2385	2524	139	Sand and Anhydrite
2524	3770	1246	Dolomite, Sand, Fine Sandy Dolomite and Anhydrite
3770	5711	1941	Dolomite and Sand
5711	6110	399	Dolomite and Sand
6110	6697	587	Sand and Dolomite
6697	7254	557	Shale, Dolomite and Lime
7254	7274	20	Shale & Dolomite w/Modals of Pyrite
7274	7475	201	Chert and Dolomite
7475	7838	363	Sand and Lime
7838	8201	363	Sand & Lime
8201	8330	129	Lime and Dolomite
	8330		Total Depth
	7904		Drilled out Depth

SLOPE TESTS

900	-1/4
750	straight
1000	-1/4
1800	-1/4
2260	-1/4
2702	-1/2
3320	1-
3750	-3/4
4250	-1/4
4650	1-1/4
4950	1-
5350	-3/4
5650	-3/4
6005	1-
6350	1-
6625	1-1/4
7010	1-
7275	1-
7530	2-
7729	2-
8130	1-
8280	-3/4

GEOLOGICAL DATA

Top Anhydrite	1274
Top Salt	1394
Base Salt	2471
Top Yates	2593
Top Lane #1	2614
Top San Andres	3945
Base San Andres	5158
Top Clearfork	5651
Top Tubbs	6110
Top Wichita	6697
Top Montaga	7274
Top Simpson	7475
Top McKee	7838
Top Ellenberger	8201

DRILL STEM TESTS

- D.S.T. #1 from 7100' to 7250' - 2 hour & 45 minute Test - Opened tool w/weak blow of air for 1 hour and 40 minutes and died - Closed and re-opened tool w/light blow of air for 5 minutes and died - No gas or fluid to surface. Recovered 900' slightly gas cut drlg mud w/strong sulphur odor.
- D.S.T. #2 - From 7274' to 7330' - 4 hour Test- Opened tool w/air blow of air - Gas up in 1 hour & 5 minutes - No fluid to surface. Recovered 545' very heavily oil and gas cut mud, and 730' salty sulphur water.
- D.S.T. #3 - From 7668' to 7840' - No Test - ^kachurn to hold
- D.S.T. #4 - From 7662' to 7840' - 4 hour Test - Opened tool w/light blow of air which held thruout test. No gas or fluid to surface. Recovered 60' drlg mud and 1020' slightly gas cut drlg mud.
- D.S.T. #5 - From 7671' to 7900' - 4 hour and 45 minute Test - Opened tool w/gas up in 10 minutes - mud up in 19 minutes and oil up in 22 minutes. Flowed 133.66 bbl oil, 1.91 bbl sand and 3.43 bbl mud in 4 hours - Gas Vol, 811,260 cu ft p/d Qty 39.0. Recovered 400' clean oil, 225' heavily oil & gas cut drlg mud.