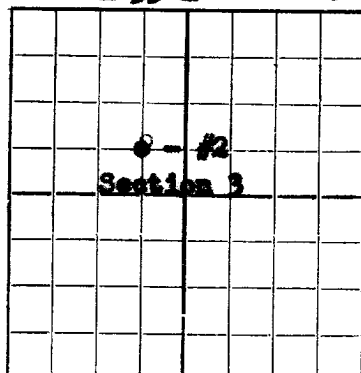
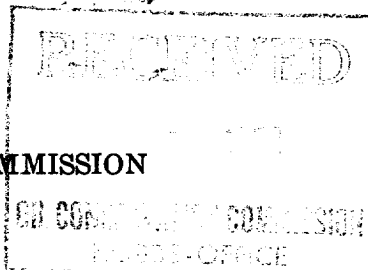


B-33-E

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

T
12
S

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

W. E. Mathers "A"

Company or Operator

Lease

Well No. 2 in C/SE/4, NW/4 Sec. 3, T. 12-S

R. 33-E, N. M. P. M., Bagley-Siluro/Devonian Field, Lea County.

Well is 1980 feet south of the North line and 3300 feet west of the East line of Section 3

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

If patented land the owner is W. E. Mathers, Address Tatum, New Mexico

If Government land the permittee is, Address

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

Drilling commenced 10/10/51 19. Drilling was completed 1/13/52 19.

Name of drilling contractor Noble Drilling Corporation, Address Stanolind Bldg., Tulsa, Okla.

Elevation above sea level at top of casing 4147 feet.

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

OIL SANDS OR ZONES

No. 1, from 11,012 to 11,030' 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
13-3/8	36#	S.J.	Weld	280	Guide			
8-5/8	32# - 36#	8-RT	Sals	3752	Float			
5-1/2	17#	8-RT	Sals	10981	Float			

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	300	225	Halliburton		
11	8-5/8	3765	1500	Halliburton		
7-7/8	5-1/2	11000	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
17-1/2		Dowell 15" LST	500 Gal	1/19/52	11000-11030	

Results of shooting or chemical treatment Flowed 447.43 bbl oil, .45 bbl B.S. O-water in 8 hours on 1/2" choke. T.P. 75# Gas Vol. 23,480 cu ft p/d. GOR 18 Gty 44.5

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 11,030' feet, and from feet to feet.

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

PRODUCTION

Put to producing January 19, 1952, 19.

The production of the first 24 hours was 1343.64 barrels of fluid of which 99.90 % was oil; 0 % emulsion; 0 % water; and .10 % sediment. Gravity, Be 44.5

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

J. C. Baker, Driller T. O. Bailey, Driller

Prim Ready, 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 26th

day of January, 1952

Notary Public

My Commission expires 8/23/55

Monument, New Mexico January 26, 1952

Name Dr. Tupper

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	215	209	Sand, Caliche and Lime
215	1600	1385	Red Bed, Sand and Shale.
1600	1680	80	Shale and Sand
1680	1790	110	Anhydrite, Shale and Sand
1790	2430	640	Shale, Anhydrite and Salt.
2430	3700	1270	Shale, Anhydrite, Salt and Sand
3700	4480	780	Dolomite and Anhydrite
4480	4890	410	Limestone
4890	5200	310	Dolomite and Anhydrite
5200	5390	190	Dolomite, Limestone, Anhydrite and Salt
5390	7230	1840	Dolomite, Anhydrite and Salt.
7230			
7230	7260	30	Shale, Dolomite and Anhydrite.
7260	8120	860	Shale, Dolomite and Anhydrite
8120	8350	230	Dolomite and Anhydrite
8350	8500	150	Chert, Dolomite and Anhydrite
8500	10140	1640	Limestone, Chert and Shale.
10140	10360	220	Sand, Limestone and Shale.
10360	10935	575	Chert, Shale and Limestone
10935	11010	75	Sand, Shale and Limestone
11010	11030	20	Chert and Dolomite
	11030		Total Depth -

SLOPE TESTS

560'	-1/2 deg.
1050	-1/2
1500	-3/4
2210	1-
3165	-3/4
3500	1-
3935	-1/2
4225	-3/4
4672'	-3/4
5300	-1/2
5966	-3/4
6300	1-
6835	-1/2
7070	1-1/4
7810	1-1/4
8110	-3/4
8370	-3/4
8564	-3/4
8730	-3/4
9550	-1/2
10025	1-
10090	1-
10115	-1/2
10251	-1/2
10395	-1/2
10440	1-
10575	1-
10720	-1/2
10770	-3/4

GEOLOGICAL DATA

Base Red Bed	1658'
Top Salt	1720
Base Salt	2340
Top Yates	2442
Base Yates	2557
Top San Andres	3730
Base San Andres	5109
Top Paddock	5402
Top Clearfork	5891
Top Abe	7251
Top Wolfcamp	8375
Top Pennsylvanian	8603
Top Strawn	10192
Top Mississippian	10359
Top Devonian	10995

DRILL STEM TESTS

- D.S.T. #1 - from 8615' to 8670' - 4 hour & 31 minute Test - Opened tool with gas up in 3 minutes. Mud up in 16 minutes and distillate up in 31 minutes. Flowed 28.98 bbl fluid, 7% Mud & Water in 4 hours. Gty oil, 56.6 @ 37 deg. Recovered 96' distillate - No show of water.
- D.S.T. #2 - from 9010' to 9065' - 4 hour & 48 minute Test - Opened tool with good blow of air. Gas up in 5 minutes, Mud up in 33 minute and oil up in 48 minutes. Flowed 42.09 bbl fluid, .2% Mud and O-Water in 4 hours. Gty, 46.1 Gas Vol. 853,000 cu ft p/d. Recovered 730' free oil and 80' black salt water, est 10% mud cut.
- D.S.T. #3 - from 9269' to 9333' - 4 hour Test - Opened tool with fair blow of air. Gas up in 6 minutes. Gas Vol. 52,100 cu ft p/d which increased to 96,060 cu ft p/d by end of test. No fluid to surface. Recovered 1450' drlg mud, est 15% oil & gas cut; 305' oil, est 10% mud cut. Gty 43.2. Recovered 2850' salt water.
- D.S.T. #4 - from 9345' to 9440' - 4 hour & 25 minute Test - Opened tool with fair blow of air. Gas up in 5 minutes, mud up in 20 minutes, oil & water up in 25 minutes. Flowed 60.96 bbl oil, .65 bbl B.S. and 116.47 bbl water in 4 hours. Gty oil 47.5. Gas Vol. 853,000 cu ft p/d. Recovered 270' Drlg. Mud after bleeding down 19.32 bbl fluid.
- D.S.T. #5 - from 9801' to 9900' - 4 hour Test - Opened tool with fair blow of air. Gas up in 65 minutes, gas vol. 4,210 cu ft p/d. No fluid to surface. Recovered 660' Drlg. Mud, est. 25% gas cut. No oil or water.
- D.S.T. #6 - from 11008' to 11030 - 6 hour & 36 minute Test - Opened tool with strong blow of air. Water Blanket up in 1 hour & 51 minutes/ oil up in 2 hours & 36 minutes. Flowed 64.86 bbl fluid, 2% water in 4 hours. Gty oil, 45.1. Gas Vol. 14,960 cu ft p/d. Recovered out 77.43 bbl oil. Recovered 270' black heavy oil & gas cut drlg mud under circ. sub. No water.