



R-36-E

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

● #A-1									
Sec. 33									

T
19
3AREA 640 ACRES
LOCATE WELL CORRECTLY

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Amerada Petroleum Corporation, Drawer D, Monument, New Mexico
Company or Operator Address
H.S. Record "A" Well No. 1 in C/M/A/M/A of Sec. 33, T. 19-S
Lease West Flank
R. 36-E, N. M. P. M. Monument Area Field, Lea County.
Well is 660 feet south of the North line and 660 feet west of the East line of Sec. 33-19S-36E
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is. Address.
If Government land the permittee is. Address.
The Lessee is Amerada Petroleum Corporation, Address Box 2040, Tulsa, 2 Oklahoma
Drilling commenced December 11, 1949 Drilling was completed February 3, 1950
Name of drilling contractor McVay & Stafford Drilling Company, Address Tulsa, Oklahoma
Elevation above sea level at top of casing 3664 feet.
The information given is to be kept confidential until Not Confidential 19.

OIL SANDS OR ZONES

No. 1, from to None 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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
10-3/4	40.5#	8-Rd.	S.S.	160'	Guide				
7-5/8	26.1#	8-Rd.	S.S.	3262'	Fleet	Shot off & recovered 2178' when well was plugged & abandoned.			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10-3/4	160'	185	Halliburton		
9-7/8"	7-5/8	3262'	500	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
			None			

Results of shooting or chemical treatment.
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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 6972 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing Dry Hole Plugged & Abandoned
The production of the first 24 hours was barrels of fluid of which % was oil; % emulsion; % water; and % 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

P.J. Boyd, Driller Herman Marker, Driller
B.F. Clark, 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 15th

day of February, 1950

Notary Public

My Commission expires 10/24/53

Monument, New Mexico February 15, 1950

Name Dan J. [Signature]

Position Assistant District Superintendent

Representing Amerada Petroleum Corporation

Address Drawer D, Monument, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	75	75	Sand & Caliche
76	580	505	Red Bed
580	780	200	Sand Rock
780	1170	390	Red Bed
1170	1410	240	Red Rock
1410	1450	40	Red Rock & Anhydrite
1450	1685	235	Red Rock
1685	1790	105	Red Rock & Anhydrite
1790	1835	45	Anhydrite & Salt
1835	1860	25	Red Bed
1860	2335	475	Salt & Red Bed
2335	2860	525	Salt
2860	2880	20	Salt & Anhydrite
2880	2975	95	Salt, Sand & Gyp.
2975	3138	163	Salt & Sand Rock
3138	3196	58	Red Bed
3196	3256	60	Anhydrite
3256	3262	6	Lime & Anhydrite
3262	3267	5	Anhydrite
3267	3447	180	Anhydrite & Gyp.
3447	3459	12	Lime
3459	3495	36	Anhydrite & Gyp.
3495	3910	415	Lime & Anhydrite
3910	3950	40	Lime
3950	4018	68	Lime & Anhydrite
4018	4048	30	Lime
4048	4117	69	Lime & Anhydrite
4117	4145	28	Lime
4145	4205	60	Lime & Anhydrite
4205	4213	8	Anhydrite & Gyp.
4213	4272	59	Lime
4272	4300	28	Lime & Sand
4300	4825	525	Lime
4825	4850	25	Lime & Sand
4850	5586	736	Lime
5586	5615	29	Lime & Sand
5615	5893	278	Lime
5893	5924	31	Lime & Shale
5924	6971	1047	Lime
6971			TOTAL DEPTH

GEOLOGICAL DATA

Elevation Top Derrick Floor
Top Anhydrite
Top Salt
A-1
Base Salt
Top Yates

3674'
1670'
1780'
2870'
3058'
3240'

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400'

940'

1190'

1434'

1690'

1950'

2200'

2290'

2500'

2821'

3060'

3178'

3349'

3440'

3471'

3628'

3770'

3918'

4008'

4160'

4285'

4405'

4530'

4690'

4760'

4840'

4900'

4960'

5050'

5125'

5285'

5328'

5376'

5425'

5445'

5500'

5528'

5540'

5685'

5775'

5855'

6080'

6135'

6185'

6275'

6383'

6450'

6530'

6628'

6672'

6925'

SLOPE TESTS

1/2 Degrees

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RECORD OF DRILL STEM TESTS

H.S. RECORD "A" WELL # 1

- 1-4-50 DST. #1 From 4498' to 4587'. 4 hr. test, 3½" Drill Pipe, with packer set at 4498'. Perforations from 4499' to 4500' & 4559' to 4584' on 5/8" Bottom & 1" Top Choke. Opened tool at 1:17 PM. with light blow of air throughout test Closed tool at 5:17 PM for 1/4 hr. build-up. Recovered 95' of drlg. mud & 1006' of salt water. Halliburton chart, Hydro. in and out 2200# Min. Flow pressure 0# Max. Flow pressure 500#, 1/4 hr. build-up 1550#. Amerada Chart, Hydro. in and out 2160#, Min. Flow pressure 0# Max. Flow pressure 485#, 1/4 hour build-up 1640#.
- 1-5-50 DST. #2 From 4637' to 4675', 3½ hr. test, 3½" Drill pipe, with packer set at 4637' with 5/8" bottom & 1" Top Choke. Perforations from 4638' to 4639' & from 4669' to 4672'. Tool opened with weak blow at 2:10 A.M. blow continued for 2½ hrs. and died. Closed tool at 5:25 A.M. for 1/4 hr. build-up. Recovered 65' of very slightly gas cut mud with light trace of oil stain. Howco Chart, Hydro. in and out 2225#, 0 Flow pressure 1/2 hr. build-up 100#. Amerada chart Hydro. in and out 2150#, 0 flow pressure, 0 Build-up.
- 1-13-50 DST #3 From 5164' to 5214' with 3½" drill pipe, and two packers set at 5158' and 5164' with perforations at 5166' to 5167' and 5194' to 5211' with 5/8" bottom & 1" Top Chokes. Tool opened at 2:50 PM. with light blow for 1 hr. and died. Tool closed at 4:50 P.M. for 1/4 hr. build-up. Recovered 120' drlg. mud and 415' salt water. Howco Hydro. in 2510# out 2490#, initial flow press. 0# final flow press. 300#, 1/4 hr. build-up 1400#, 1/2 hr. build up 1700# Amerada Hydro. in 2460# out 2360#, initial flow press. 0# final flow press. 290#, 1/4hr. Build up 1430#, 1/2 hr. build up 1810# . Water analysis 97,200 PPM. chlorides, no Sulphur, no Iron.
- 1-20-50 DST. #4 from 5586' to 5615', on 3½" Modified Drill Pipe, 1/2 hr. test. Packers set at 5578' and 5586'. Perforations 5588' to 5612' with 5/8" bottom and 1" Top Choke. Opened tool at 5:45 P.M. with light blow of air for 30 minutes and died. Closed tool at 7:15 P.M. for 1/4 hr. build-up. Recovered 240' salt water cut with drlg. mud, no show of gas or oil. Howco Hydro. in 2800# out 2710# Flowing pressures 80# to 115#, 1/4 hr. build-up 1600# Amerada Hydro. in and out 2710#, Flowing pressures 30# to 80#, 1/4 hr. build-up 1565# .
- 1-21-50 DST. #5 From 5690' to 5720' on 3½" Drill Pipe with 2 packers set at 5685' and 5690'. Perforations 5689 to 5717' with 5/8" bottom & 1" Top chokes. Tool opened at 5:50 A.M. with light blow of air for 50 minutes and died at 6:40 A.M. Closed tool at 7:40 A.M. for 1/4 hr. build-up. Recovered 393' drilling mud in 3½" Drill Pipe. Howco Hydro. in 2875# out 2800#. Min. Flow press. 100# Max. flow press. 225#, 1/4 hr. build-up 1800# Amerada Hydro. in and out 2860#, Min. flow press. 80# Max. Flow press. 195#, 1/4 hr. build-up 1870#.
- 1-24-50 DST. #7 From 5921' to 5950' on 3½" Mod. Drill Pipe with 2 packers, 4 hr. ~~test~~ and 10 minute test. Packers set at 5913' and 5921' with perforations from 5922' to 5947' with 5/8" bottom & 1" Top Choke. Tool opened at 7:50 P.M. with light blow of air for for 3 hrs. & 10 minutes and died. Tool open 4 hrs. & 10 minutes. Closed tool at 12:00 Midnight for 1/4 hr. Build-up. Recovered 90' Drilling mud and 1293' Salt Water, Howco Hydro. in 2975# out 2900# Min. Flow pressure 80# Max. Flow pressure. 800#, 1/4 hr. Build-up None. Amerada Hydro. in and out 2980# Min. flow press. 30# Max. Flow press. 790# 1/4 hr. build - up None.
- 1-25-50 DST. #8 From 5975' to 6050' on 3½" Mod. Drill Pipe. Packers set at 5967' & 5975' Perforations from 6033' to 6047' with 5/8" Bottom & 1" Top chokes. Opened tool at 4:30 A.M. with light blow of air, died at 7:30 A.M. Left set for 1 hr. Tool closed at 8:30 A.M. for 1/4 Hr. Build up. Recovered 392' of drilling mud and 1980' of Salt Water. Howco Hydro. in 3000# out 2975#, Min. flow press. 0# Max. Flow press. 1000#, 1/4 hr. Build-up 1075#. Amerada Hydro. in 2920# out 2800#. Min. flow 0# Max. Flow press. 1050#, 1/4 hr. build-up 1050#.