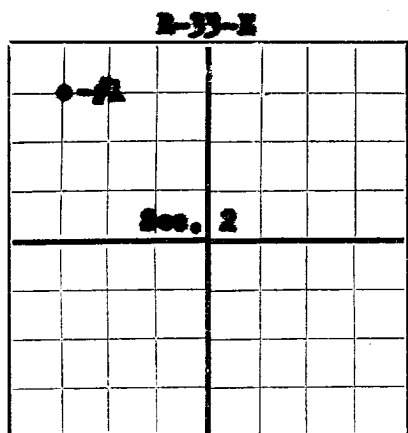


NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD



AREA 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, P. O. Drawer D, Monument, New Mexico
Company or Operator Address

State 3 "D" Well No. 1 in NW/4 NW/4 of Sec. 2, T. 15-S, R. 33-E, N. M. P. M. **Summers** Field, **Lin** County.

Well is **660** feet south of the North line and **660** feet west of the East line of **Section 2**

If State land the oil and gas lease is No. **R-2116** 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 **May 12, 1951** Drilling was completed **July 4, 1951**

Name of drilling contractor **Brown Drilling Company** Address **Fort Worth, Texas**

Elevation above sea level at top of casing **4183** feet.

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

OIL SANDS OR ZONES

No. 1, from **9794'** to **9925'** 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		PURPOSE
							FROM	TO	
13-3/8	366	S.J.	Weld	280'	Guide				
8-5/8	36-32-306	8-24	S.S.	4226'	Float				
5-1/2	176-15.56	8-24	S.S.	9896'	Float	9890'	9910'	Production	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	290'	250	Halliburton		
11-	8-5/8	4240'	1500	Halliburton		
7-1/4	5-1/2	9915'	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
		Bowall 15% Acid	500 Gal.	7-9-51	9890'-9910'	Perforations

Results of shooting or chemical treatment **Flowed 567.12 bbls. oil, 134.64 bbls. water & 11.20 bbls. BS in 24 hrs. through a 1/2" choke, T.P. 2906, G.P. 5206, Gas Volume 745,000 cu. ft. per Day, G.O.R. 1314.**

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 **9925'** feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing **July 9, 1951**

The production of the first 24 hours was **714.96** barrels of fluid of which **79.32** % was oil; **1.83** % emulsion; **18.83** % water; and _____ % sediment. Gravity, Be. **40.7**

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. G. Semil, Driller **R. R. Houghton**, Driller

Johnnie Curtis, 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 **14th** day of **July**, 19**51**

[Signature]
Notary Public

Monument, New Mexico **July 14, 1951**
Place Date

Name *[Signature]*
Position **Assistant District Superintendent**
Representing **Amerada Petroleum Corporation**
Company or Operator
Address **Drawer D, Monument, New Mexico**

My Commission expires **10-11-54**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
6	6	6	Cellar
6	220	214	Sand & Caliche
220	300	80	Red Bed, Sand & Shale
300	1610	1310	Sand & Shale
1610	1690	80	Sand, Anhydrite & Shale
1690	2710	1020	Shale, Anhydrite & Salt
2710	3230	520	Shale, Anhydrite & Sand
3230	3500	270	Shale & Anhydrite
3500	4020	520	Shale, Anhydrite, Sand & Salt
4020	4200	180	Shale, Anhydrite, Sand & Dolomite
4200	5590	1390	Dolomite & Anhydrite
5590	5650	60	Limestone & Dolomite
5650	5740	90	Dolomite & Anhydrite
5740	6490	750	Dolomite, Sand & Anhydrite
6490	7500	1010	Dolomite, Sand & Anhydrite
7500	7800	300	Anhydrite & Dolomite
7800	8270	370	Shale & Dolomite
8270	9130	960	Anhydrite & Dolomite
9130	9200	70	Chert, Dolomite & Anhydrite
9200	9210	210	Chert & Limestone
9210	9715	505	Shale, Chert & Limestone
	9715		Total Depth
	9714		Plugged Back Depth

GEOLOGICAL DATA

Top Anhydrite	1592'
Top Salt	1606'
Base Salt	2535'
Top Yates	2702'
Top Red Sand	3488'
Top San Andres	4205'
Base San Andres	5743'
Top Padlock	6044'
Top Clear Fork	6457'
Top Abe	7798'
Top Halfcamp	9150'
Top Pennsylvanian	9423'
Elevation - D.F.	4196'

SLOPE TEST

119'	3/4 Deg.
610'	1/2 "
1330'	Straight
2000'	1/4 Deg.
2330'	Straight
3000'	1/2 Deg.
3635'	1/2 "
4200'	1/4 "
4650'	1/4 "
5124'	1/2 "
5555'	1/2 "
6300'	1-1/2 "
6654'	3/4 "
7270'	3/4 "
7787'	1/2 "
8430'	Straight
8983'	1/4 Deg.
9493'	1/2 "
9732'	3/4 "

DRILL & TEST TESTS

9765' - 9825', op 4 hrs. & 20 min. op W/good blow, gas to surf in 7 min, mud in 10 min, in 12 min. In 4 hrs. flowed 342.24 bbls. oil, .15 BB, Gvty. 42.5, Gas Vol. 2,838,520 cu ft p/d. Rec. 700' free oil, no water.

9825' - 9875', op 6 hrs. & 10 min. Op W/good blow air, gas to surface in 4 min, mud in 36 min, flowed est. 4 bbls. oil & mud to pits & turned to tank - Flowed 15.75 bbls. oil & .12 bbl. BB in 4 hrs, Gvty. 43.7, gas vol. 1st. hr. 323,900 cu ft p/d, at end 2nd. hr 128,750 cu ft p/d, end of 3rd. hr. decreased to faint blow & continued throughout test. Rec. 1614' free oil, 246' Salt Water.

9872' - 9915', op 4 hrs. & 24 min. Op W/good blow air, gas to surface in 23 min. In 4 hrs. flowed 148.51 bbls. oil, 2.46 bbls. water, 7.93 bbls. BB, avg. gas vol 1,203,900 cu ft p/d. Rec. 1380' free oil, 330' Salt Water. G.O.R. 1442. Gvty. 40.7.