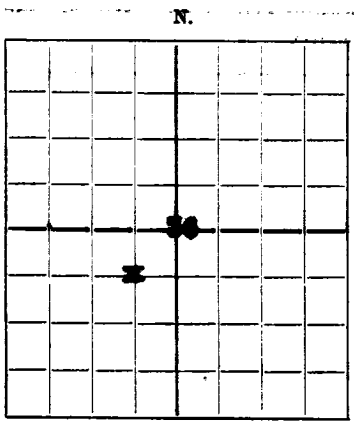
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED
APR 26 19

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.

DUPLICATE

Amerada Petroleum Corporation (Company or Operator) State "F" (Lease)

Well No. 5 in NE¼ SW¼ of Sec. 36, T. 19 R. 36, N. M. P. M., Monument Field, Lea County.

Well is 1980' From South feet south of the North line and 1980' From West line feet west of the East line of 36 - 19 - 36

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 Tulsa, Oklahoma

Drilling commenced March 19, 1937. Drilling was completed April 18, 1937

Name of drilling contractor Noble Drilling Co., Address Tulsa, Oklahoma

Elevation above sea level at top of casing 3584' feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 3788' to 3905' 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 FROM	PERFORATED TO	PURPOSE
12½"	40#	8-Thd.	L.W.	171'6"	Texas	Pattern			
8-5/8"	32#	8-Thd.	Smls.	2366'7"	Baker	Bakblu			
6-5/8"	20#	10-Thd.	Smls.	3815'11"	Texas	Pattern			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17½"	12½"	185'	200	Halliburton		
11"	8-5/8"	2365'	600	Halliburton		
7-7/8"	6-5/8"	3788'	100	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
		On back of page				

Results of shooting or chemical treatment _____

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 3905' feet, and from _____ feet to _____ feet

Cable toops were used from 0 feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing April 18, 1937, 19____

The production of the first 24 hours was 271 barrels of Pipeline oil % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be 32.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Roy Manning, Driller H.O. Hobbs., Driller

Tom Brown, 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 24 day of April, 1937

Monument, New Mexico (Place) April 24, 1937 (Date)

Name J. E. Stanley

Position Sup't.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Cellar and substructure.
18	86	68	Sand and shells.
86	148	62	Red bed and shells.
148	523	385	Red bed. Set 12½" csg. At 185' w/ 200 Sacks.
523	728	205	Red bed and shells.
728	855	127	Red bedaand sand shells.
855	875	20	Red bed.
875	1003	128	Red bed and shells.
1003	1124	121	Anhydrite. Top of anhydrite 1003'.
1124	1293	169	Salt and anhydrite.
1293	2090	797	Salt and anhydrite shells.
2090	2100	10	Salt and shells.
2100	2120	20	Anhydrite.
2120	2186	66	Salt and shells.
2186	2281	95	Salt and anhydrite shells.
2281	2290	9	Red rock and anhydrite. Base of Salt 2281'
2290	2298	8	Anhydrite.
2298	2346	48	Anhydrite and streaks of red rock.
2346	2372	26	Anhydrite and gyp.
2372	2450	78	Anhydrite. Set 8-5/8"csg. At 2365' w/ 600sacks.
2450	2490	40	Hard sand and anhydrite.
2490	2508	18	Anhydrite and gyp.
2508	2624	116	Anhydrite and lime. Small gas show 2612'-18'.
2624	2680	56	Anhydrite. Top of Monument lime 2590'
2680	2710	30	Hard sand and anhydrite.
2710	2750	40	Anhydrite and streaks of sand.
2750	2960	210	Anhydrite and lime.
2960	2965	5	Anhydrite and streaks of sand.
2965	3114	149	Anhydrite and lime.
3114	3190	76	Lime.
3190	3220	30	Anhydrite and lime.
3220	3280	60	Lime.
3280	3302	22	Lime and shale.
3302	3798	496	Lime. Set 6-5/8" csg. At 3788' w/ 100 sacks.
3798	3839	41	Sand and lime.
3839	3905	66	Sandy lime.
			Top of pay 3788'.

4/18/37 3905' T.D. Broken lime. Set 2½" upset tubing at 3895'. Swabbed 24 hours. The well then flowed 7 barrels oil per hour for 1 hour and then died. Acidized w/ 2000 gallons of Dowell XX Acid. Acid went in under 200# tubing pressure and 600# Casing pressure at start. Maximum pressures were 1200# tubing pressure and 1500# casing pressure. 32 barrels of flush oil went in under 1000# pressure on tubing and 1000# on casing. Set 6 hours.

Swabbed in and flowed 271 barrels oil on 8 hour test. Through 1" open choke on 2½" upset tubing. Hourly average of 33.9 barrels. Gas volume of 547,000'. Gas oil ratio 670. Casing pressure 260#. Tubing pressure 50#.