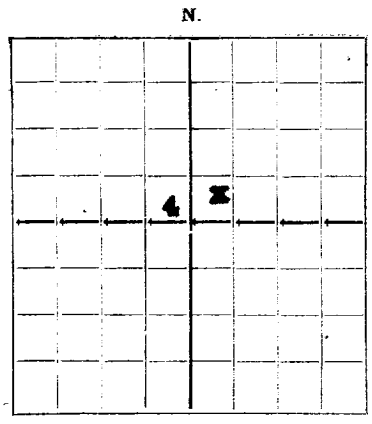
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED
JUL 16 1937

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.

Amerada Petroleum Corporation (Company or Operator) Corrigan (Address)

(Lease) Well No. 1 in SW¼ NE¼ of Sec. 4, T. 22 R. 37, N. M. P. M., Penrose Field, Lea County.

Well is 2310' feet south of the North line and 2310' feet west of the East line of 4 - 22 - 37.

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 May 31, 1937. Drilling was completed July 5, 1937

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

Elevation above sea level at top of casing 3454' feet.

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

OIL SANDS OR ZONES

No. 1, from 3637' to 3750' 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.	206'0"	Texas Pattern				
8-5/8"	32#	8-Thd.	Smls.	1233'0"	Baker Bakblu				
5-1/2"	14#	10-Thd.	Smls.	3615' 9"	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"	221'	200	Halliburton		
11"	8-5/8"	1233'	400	Halliburton		
7-7/8"	5-1/2"4	3602'	200	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
		Dowell XX Acid.	8000 Gallons			

Results of shooting or chemical treatment On Back of page

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 3750' feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing July 5, 1937, 19____

The production of the first 11-2/3 hrs. 24 hours was 237 barrels of fluid of which Pipe Line Oil % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, Be 31.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

E. A. McKillips, Driller M. J. Winters, Driller

T. L. Kimrey, 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 14 day of July, 1937

Lennie A. Maurer
Notary Public

My Commission expires Dec. 21, 1940

Monument, New Mexico (Place) July 14, 1937 (Date)

Name J. L. Lowe

Position Supt

Representing Amerada Petroleum Corporation (Company or Operator)

Address Monument, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Cellar and substructure.
18	170	152	Sand and gravel.
170	229	59	Red bed. Set 12½" csg. At 221' w/ 200 sacks.
229	561	332	Red bed and red rock.
561	773	212	Red rock and shale.
773	887	114	Red rock and sand rock.
887	995	108	Red rock, shale and sand rock.
995	1176	181	Red rock and shale. Top of Anhydrite 1176'
1176	1284	108	Anhydrite. Set 8-5/8" csg. At 1238' w/ 400 sacks.
1284	1298	14	Broken anhydrite and salt.
1298	1315	17	Anhydrite.
1315	1349	34	Salt and anhydrite.
1349	1360	11	Anhydrite.
1360	1380	20	Salt and anhydrite.
1380	1629	249	Salt, anhydrite and potash.
1629	1870	241	Anhydrite and salt.
1870	1884	14	Potash.
1884	2068	180	Salt and potash
2068	2080	12	Anhydrite.
2080	2108	28	Salt.
2108	2268	160	Anhydrite, salt and gyp.
2268	2413	145	Salt anhydrite and shells.
2413	2441	28	Salt and anhydrite. Base of salt 2441'.
2441	2668	227	Anhydrite.
2668	2832	164	Anhydrite and gyp. Top of Eunice Lime 2710'. Top of Monument Lime 2750'.
2832	2954	122	Anhydrite, Gyp and Brown lime.
2954	3019	65	Anhydrite and brown lime.
3019	3043	24	Brown lime, anhydrite and gyp.
3043	3075	32	Anhydrite and lime.
3075	3109	34	Anhydrite, lime, and red and gray shale.
3109	3131	22	Anhydrite, lime, gyp and sticky shale.
3131	3182	51	Anhydrite and lime
3182	3205	23	Anhydrite, brown and gray lime.
3205	3235	30	Anhydrite and lime.
3235	3255	20	Anhydrite and gyp.
3255	3282	27	Brown and gray lime.
3282	3285	3	Brown lime. Gas show.
3285	3316	31	Gray lime.
3316	3337	21	Anhydrite and lime.
3337	3382	45	Anhydrite, lime and streaks of gyp.
3382	3386	24	Gray lime.
3386	3409	23	Anhydrite and lime
3409	3445	36	Gray lime.
3445	3460	15	Anhydrite and lime
3460	3491	31	Gray lime.
3491	3517	26	Lime and streaks of gray shale.
3517	3532	15	Gray lime and streaks of sandy lime. Gas show.
3532	3596	64	Lime and streaks of sand. Gas show 3550'-60'.
3596	3610'	14	Lime, Set 8⅝" csg. At 3602' w/ 200 sacks.
3610	3662	52	Gray lime.
3662	3684	22	Gray and brown lime.
3684	3725	41	Brown lime.
3725	3750	25	Gray and brown lime w/ streaks of sandy lime.
			Top of pay 3637'

7/5/37

3750' Total depth. Lime. Set 2½" upset tubing at 3747'. Swabbed approximately 2 barrels oil perhour, in pit. 2% water and 5% H.S. Casing pressure 100#.

Acidized w/ 2000 gallons of Dowell XX Acid. Acid started in underr 0# on tubing and 100# on casing. Maximum pressure of 1200# on tubing and 1500# on casing. 25 bbls of flush oil finished under 1600# on tubing and 1500# on casing. Set 2½ hours. Swabbed in andflowed 237 barrels oil on 11-2/3 hour test. Through 1/2" choke on 2½" tubing. Hourly average of 20 barrels. Daily gas volume of 442,000' w/ gas oil ratio of 1151. At the last of the test. Casing pressure 325#. Tubing pressure 140#. Pipe Line oil.