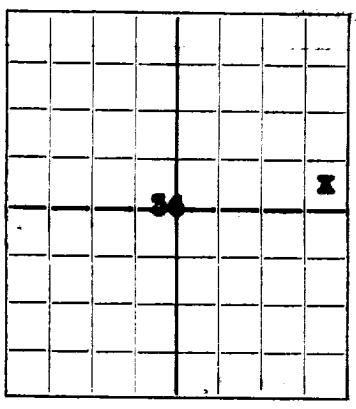
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MAY 18 1937

WELL RECORD

DUPLICATE

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) State "Y" (Lease)

Well No. 3 in SW¼ NE¼ of Sec. 36, T. 19 R. 36, N. M. P. M., Monument Field, Lea County.

Well is 2310' feet south of the North line and 330' 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 26 1937. Drilling was completed May 8, 1937

Name of drilling contractor H.W. Bass Drilling Co., Address Dallas, Texas

Elevation above sea level at top of casing 3598' feet.

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

OIL SANDS OR ZONES

No. 1, from 3796' to 3915' 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
13½"	40#	8-Thd.	L.W.	175'9"	Texas	Pattern			
8-5/8"	32#	8-Thd.	Smls.	2374'8"	Baker	Bakblu			
6-5/8"	20#	10-Thd.	Smls.	3810'0"	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"	13½"	191'	200	Halliburton		
11"	8-5/8"	2373'	600	Halliburton		
7-7/8"	6-5/8"	3796'	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 3915' feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing May 8, 1937 19____

The production of the first 24 hours was 237½ barrels of fluid of which 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

M.E. Self, Driller C.B. Perryman, Driller

T.A. Pressly, 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 _____ day of _____, 19____

Monument, New Mexico (Place) May 12, 1937 (Date)

Name J. R. Markey

Position Sup't.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Cellar and substructure
18	28	10	Caliche.
28	90	62	Sand.
90	125	35	Sand rock and gravel.
125	508	383	Red bed. Set 12½" casing at 191' w/ 200 sacks.
508	800	292	Red bed and shells.
800	940	140	Red bed.
940	1014	74	Red bed and red rock.
1014	1048	34	Red rock.
1048	1158	110	Anhydrite. Top of anhydrite 1048'.
1158	1445	287	Salt.
1445	1485	40	Anhydrite and gyp.
1485	1555	70	Salt and anhydrite.
1555	2120	565	Salt.
2120	2140	20	Anhydrite.
2140	2300	160	Salt. Base of salt 2300'.
2300	2465	165	Anhydrite. Set 8-5/8" csg. At 2375' w/ 600 sacks.
2465	2574	109	Anhydrite and lime.
2574	2640	66	Sandy lime and shells. Top of Monument Lime 2680'.
2640	2702	62	White and brown lime.
2702	2798	96	Lime.
2798	2812	14	Sandy lime. Gas show
2812	2815	3	Brown lime. Gas show.
2815	2864	49	Lime.
2864	2896	32	Brown lime.
2896	2921	25	Broken lime.
2921	2989	68	Lime.
2989	3021	32	Gray lime and anhydrite.
3021	3088	67	Lime.
3088	3113	25	Brown and gray lime.
3113	3315	202	Lime.
3315	3345	30	Sandy lime. Gas odor.
3345	3361	16	Lime.
3361	3385	24	Gray lime.
3385	3471	86	Lime. Gas shows at 3425'-30', and 3439'-44'.
3471	3480	9	Gray lime.
3480	3485	5	Sandy lime.
3485	3698	213	Lime.
3698	3731	33	Broken lime.
3731	3772	41	Gray lime.
3772	3792	20	Brown lime. Gas odor.
3792	3806	14	Broken lime. Oil stain and odor.
3806	3834	28	Sandy lime. Set 6-5/8" csg. At 3796' w/ 100 sacks.
3834	3860	26	White lime.
3860	3915	55	Lime.
			Top of pay 3796'.

3915' T.D. Broken lime. Set 2⅜" upset tubing at 3906'. Swabbed in and flowed 216 barrels oil on 4 hour test. Through 1" open choke on 2⅜" tubing. Hourly average of 54 barrels. Daily gas volume of 7,800,000. Gas oil ratio 8183. Tubing pressure 375#. Casing pressure 750#.

Killed well with water. Pulled tubing and re-run packer. Set packer (Robinson rubber- 5½" X 2⅜" X 40") at 3892'. Perforations below. Swabbed approximately 3 barrels oil per hour. Acidized w/ 2000 gallons of Halliburton acid. Acid was flushed with 24 barrels oil. Set 3 hours. Swabbed in and flowed 237⅛ barrels oil on 3 hour test. Through 45/64" Choke on 2⅜" tubing. Pipe line Oil. Hourly average of 79 bbls. Daily gas volume of 681,000. Gas oil ratio of 348. Tubing pressure 300#. Casing pressure 0#.