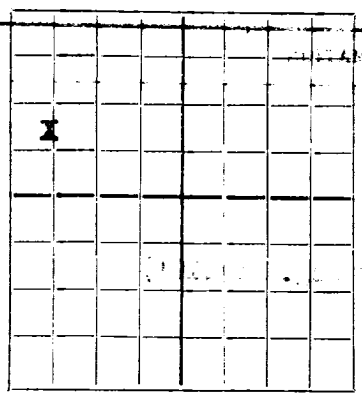
FORM C-105

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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 "D" (Lease)

Well No. 2 in SW¼ NW¼ of Sec. 1, T. 20 S, R. 36 E, N. M. P. M., Monument Field, Lea County.

Well is 1980 feet south of the North line and 4620 feet west of the East line of Sec. 1-20-36

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 December 5, 1935. Drilling was completed February 1, 1936

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

Elevation above sea level at top of casing 3586 feet.

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

OIL SANDS OR ZONES

No. 1, from 3818 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. 2, 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	L.W.	206-5					
9-5/8	36#	8	Seam	2424-11					
7"	24#	10	Seam	3532-5					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17	12½	219	150	Halliburton		
12	9-5/8	2417	500	"		
8-3/4	7"	3515	540	"		

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

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 _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing February 2, 1936

The production of the first 24 hours was 312 barrels of fluid of which 99 % was oil; 1 % 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

Harry Todd, Driller A. T. Hopkins, Driller

J. H. Forrester, 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 12 day of Feb., 1936

Patricia Mahoney
Notary Public

Monument, New Mexico (Place) February 11, 1936 (Date)

Name J. A. Mankin

Position Farm Boss

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	17	17	Cellar & Substructure
17	27	10	Sand
27	170	143	Caliche & Red Rock
170	195	25	Red Rock & Sand
195	225	30	Red Beds
225	268	43	Red Beds & Shell.(Set 12½" Csg. at 219')
268	625	357	Red Beds
625	700	75	Red Beds & Shells
700	760	60	Red Beds
760	800	40	Red Rock & Shells
800	822	22	Red Rock
822	852	30	Red Rock & Shells
852	910	58	Red Rock
910	966	56	Anhydrite & Shale (Top of Anhydrite 941')
966	1010	44	" "
1010	1115	105	Shale & Anhydrite & Shells
1115	1158	43	Anhydrite & Shells
1158	1219	61	Anhydrite, Gyp & Broken Salt
1219	1248	29	Anhydrite, Salt & Shells (Top of Salt 1248')
1248	1340	92	Salt, Anhydrite & Shells
1340	1737	397	" " " (Air Pocket at 1670')
1737	2070	333	Salt
2070	2225	155	Salt & Shells
2225	2255	30	Anhydrite & Salt
2255	2301	46	Salt (Top of Anhydrite or Base Salt 2301')
2301	2420	119	Anhydrite (9-5/8"Csg. set at 2417')
2420	2423	3/-	Steel Line Correction
2423	2472	49	Anhydrite & Streaks of Gyp
2472	2580	108	Anhydrite & Shale
2580	2590	10	Gyp
2590	2618	28	Anhydrite (Top Monument Lime 2600')
2618	2666	46	Anhydrite, Gyp & Streaks Shale
2666	2820	154	" " " "
2820	2830	10	Anhydrite, Gyp & Potash
2830	2891	61	Anhydrite & Gray Lime (Top Gray Lime 2830')
2891	2905	14	Sand & Lime
2905	2951	46	Lime & Sandy Lime (Show of Gas)
2951	2960	9	Lime & Streaks of Sand
2960	3080	120	Lime (Show gas at 3001')
3080	3101	21	Sandy Lime (Show Gas)
3101	3135	34	Lime & Gyp Streaks
3135	3165	30	Sandy Lime
3165	3350	185	Lime
3350	3369	19	Brown Lime
3369	3374	5	" "
3374	3383	9	Gray Lime
3383	3395	12	Brown Lime
3395	3419	24	Gray Lime
3419	3429	10	Gray Lime & Sand
3429	3525	96	Lime
3525	3517	-8	Steel Line Correction
3517	3560	43	Lime (Set 7" Csg. at 3515')
3560	3568	8	Brown Lime
3568	3587	19	Lime
3587	3598	11	Brown Lime
3598	3621	23	Sandy Lime
3621	3748	127	Lime (Show gas at 3748')
3748	3781	33	Gray Lime
3781	3808	27	Sandy Lime (Show gas)
3808	3824	16	Brown Lime (Top pay 3818')
3824	3877	53	Lime
3877	3913	36	Brown Lime (Show oil & gas)
3913	3915 T.D.	2	Sandy Lime. (2⅜" Tubing landed at 3902')

January 2, 1936, lost circulation and found 9-5/8" casing had parted at 1111'. Recemented with 867 sacks cement. Started drilling plug 1-5-36. Mall blew out at 1120'. Recemented with 200 sacks cement.Plug stopped at 1060'. Recemented again 1-7-36 with 150 sacks. Drilled plug 1-11-36. Cement did not hold and recemented again with 150 sacks. Plug stopped at 1010'. Drilled cement plug 1-15-36 to 1127'. Air started showing up at 1120'. Put 800# pressure on well and after releasing pressure well cleaned it'self. Loaded hole with water and drilled plug. Tested casing and braden head. Tested okey and drilling was resumed.

7" casing was set at 3515' with 340 sacks cement.
Initial Production 15 bbls. per hr. on 24/64" choke. Gas 558,000 daily.