

NEW MEXICO OIL CONSERVATION COMMISSION

2									

AREA 640 ACRES
LOCATE WELL CORRECTLY

Amerada Petroleum Corporation

Monument, New Mexico

W.P. Byrd

Company or Operator

Address

Lease

Well No. 4

of Sec. 12

T. 20

R. 36

N. M. P. M.

Monument

Lea

County

Well is 600' feet south of the North line and 1200' feet west of the East line of 12 - 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 February 4, 1937 19 Drilling was completed March 7, 1937 19

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

Elevation above sea level at top of casing 3555'

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3802' to 3835'	No. 4, from	to
No. 2, from	No. 5, from	to
No. 3, from	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 FROM TO	PURPOSE
12 1/2"	40 1/2	8-3rd.	L.W.	181'8"	Texas Pattern			
8-5/8"	32 1/2	8-3rd.	Smls.	2363'7"	Baker Baklu			
8-5/8"	20 1/2	10-3rd.	Smls.	3794'11"	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
1 1/2"	1 1/2"	19'	200	Halliburton		
1 1/2"	8-5/8"	2360'	700	Halliburton		
7-7/8"	6-5/8"	3775'	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
		Bowell XX Acid.	2000 gal.	3/8/37.		

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 3835' feet, and from feet to feet

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

PRODUCTION

Put to producing March 7, 1937 19

The production of the first 24 hours was 518 barrels of fluid of which % 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

Don Carpenter, Driller Bill Clark, Driller

J.C. Morrin, 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 11

day of March, 1937

Lemuel A. Mause

Notary Public.

My Commission expires Dec. 21, 1940

Monument, New Mexico March 11, 1937

Name J. H. Sturkey

Position Farm Boss

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	45	27	Gallies.
45	65	20	Sand.
65	208	143	Red bed and shells.
208	600	392	Red bed.
600	816	216	Red rock.
816	883	67	Red rock and streaks of sand.
883	925	42	Red rock.
925	1018	93	Anhydrite. Top of Anhydrite 925.
1018	1032	14	Red bed.
1032	1055	23	Anhydrite.
1055	11965	141	Salt and anhydrite.
1196	1235	39	Salt and shells.
1235	1235	10	Anhydrite.
1235	1245	10	Sand (soft). Air pocket.
1245	1273	28	Salt and shells.
1273	1300	27	Salt.
1300	1584	284	Anhydrite and salt.
1584	2240	656	Salt and shells. Base of salt 2240.
2240	2528	288	Anhydrite. Set 8-5/8" cgs. at 2528 w/ 700 sacks.
2528	2599	71	Anhydrite and lime shells. Top of Monument line 2570.
2599	2630	31	Brown lime.
2630	2648	18	Anhydrite.
2648	2728	80	Anhydrite and sandy lime.
2728	2818	90	Lime.
2818	2842	44	Anhydrite and lime.
2842	2900	58	Lime.
2900	2929	29	Anhydrite and lime.
2929	3230	301	Lime.
3230	3241	11	Gray lime.
3241	3262	21	Brown lime.
3262	3290	28	Gray lime.
3290	3800	510	Lime. Set 3778" of 6-5/8" cgs. w/ 100 sacks.
3800	3862	62	Sandy lime.
3862	3885	23	Lime.

Top of pay 3802.

3885' Total depth. Gray lime. Set 3878" of 2 1/2" upset tubing. Swabbed in and flowed an estimate of 1 barrel oil per hour w/ 1000,000 cu. ft. of gas.

Acidized w/ 2000 gallons of Dowell XX Acid. Acid started in under 1300# on tubing and 1600# on casing. Finished under 800# on tubing and 1100# on casing. 25 barrels of flush oil finished under 300# on tubing and casing. At end of test both tubing and casing pressures dropped to 0#. Set 6 hours. Swabbed in and flowed 518 barrels pipe line oil on 6 hour test. Hourly Average of 86 barrels. Flowing through 2 1/2" tubing and 40/64" choke. Daily gas rate of 868,000. Gas oil ratio 420.

RECORD OF PRODUCTION AND SPECIAL TESTS

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TOOLS USED

PRODUCTION

EMPLOYEES

FORMATION RECORD FOR OTHER SITES