

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

Larnen Well No. 4 in SW 1/4 NE 1/4 of Sec. 32, T. 19
 Lease
 R. 37, N. M. P. M., Monument Field, Lea County.
 Well is 1980' feet south of the North line and 1980' feet west of the East line of 32 - 19 - 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 Amerad Petroleum Corporation, Address Tulsa, Oklahoma
 Drilling commenced February 3, 1937 19. Drilling was completed February 26, 1937 19.
 Name of drilling contractor. Rexon Drilling Co., Address Ft. Worth, Texas.
 Elevation above sea level at top of casing 3575' feet.
 The information given is to be kept confidential until

No. 1, from 3802 to 3902 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

No. 1, from	None	to		feet.
No. 2, from		to		feet.
No. 3, from		to		feet.
No. 4, from		to		feet.

[illegible]

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	12 1/8"	186'	200	Halliburton		
11"	8-5/8"	2495'	600	Halliburton		
7-7/8"	6-5/8"	3795'	100	Halliburton		

Heaving plug—Material.....Length.....Depth Set.....
 Adapters—Material.....Size.....

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Dowell XX Acid.	3000 gal.	2/27/57		

Results of shooting or chemical treatment On back of page.

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

Rotary tools were used from 0 feet to 3002' feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 0 feet, and from _____ feet to _____ feet

Put to producing..... **February 27, 1937** , 19.....

The production of the first **15** hours was **300** barrels of fluid of which **Pipe line 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.....

Ed. Hillecox....., Driller **Jack Rogers.**....., Driller
Dick Luss....., Driller....., Driller

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 2
day of March, 19 37
Lewis A. Mansau
Notary Public.
My Commission expires Dec. 21, 1940

Monument, New Mexico March 2, 1937

Place Date

Name J. A. Starking

Position Farm Boss

Representing Amerasia Petroleum Corporation
Company or Operator

Address Monument, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Cellar and Substructure.
18	77	59	Surface sand and shells.
77	866	789	Red beds. Set 1961 of 12 $\frac{1}{2}$ " csg. w/ 200 sacks.
866	1221	355	Red bed and red rock.
1221	1275	54	Red rock. Top of anhydrite 1250'.
1275	1360	85	Anhydrite.
1360	1525	165	Anhydrite and salt.
1525	1545	20	Anhydrite.
1545	1817	272	Salt and anhydrite.
1817	2005	188	Salt, anhydrite, and streaks of potash.
2005	2225	220	Salt and anhydrite shells.
2225	2325	100	Salt, anhydrite and potash.
2325	2414	89	Salt and anhydrite shells. Base of salt 2414'.
2414	2663	249	Anhydrite. Set 8-5/8" csg. At 2493' w/ 600 sacks.
2663	2735	72	Anhydrite and lime shells. Top of Monument line 2730'.
2735	2771	36	Brown lime.
2771	2896	125	Lime.
2896	2968	72	Anhydrite and lime.
2968	3180	112	Lime.
3180	3248	68	Brown lime.
3248	3377	129	Lime.
3377	3461	84	Brown lime.
3461	3661	200	Lime.
3661	3697	36	Brown lime. Hard.
3697	3750	53	Lime.
3750	3792	42	Brown lime.
3792	3902	110	Lime. Set 6-5/8" csg. At 3795' w/ 100 sacks.

Top of pay 3802'.

2/27/37

3902' Total depth. Broken line. Set 2 $\frac{1}{2}$ " upset tubing at 3888'. Swabbed 2 $\frac{1}{2}$ barrels oil per hour.

Treated with 2000 gallons of Dowell XX Acid. Acid went in under 1300# on tubing and 1600# on casing. Finished under 1150# on tubing and 1450# on casing. 27 barrels of flush oil finished under 1200# on tubing and casing. Set 6 hours. Swabbed in and flowed into the pit for 1 $\frac{1}{2}$ hours. Turned into tanks and flowed 359 barrels pipe line oil on 15 hour test. Through 1" open choke on 2 $\frac{1}{2}$ " tubing. Daily gas rate the last hour 326,000. Gas oil ratio 715.