

OIL CONSERVATION COMMISSION

Leonard

A 4x4 grid with cardinal directions labeled on the outer edges: N (North) at the top, S (South) at the bottom, E (East) on the right, and W (West) on the left. The grid consists of 16 squares arranged in 4 rows and 4 columns.

Company	Allen Fair & Porse		
Farm Name	State	Well No. 4-A	
Land Classification	✓		
Sec. 36	Twp. 17	Range 29	County Eddy
Feet from Line:	5310 N.	S.	E. 990 W.
Elevation		Method Spudder	
Contractor	Dodson	Scout	
Spudded	Completed 9-9-39	Initial Production	
Bond Status			

ACID RECORD

Gals.

3000

Prod.

Date _____

Prod.**Date**

Top Pay 3043

Total Depth

SHOOTING RECORD

No. of Quarts 150

Shot at

314

Feet 3252

No. of Quarts

Shot at

Feet

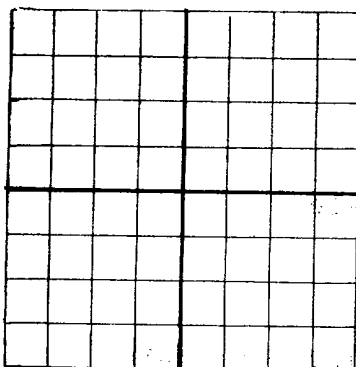
Casing and Cementing Record

Size	Feet	Inches	Sax Cement
8 1/2"	484		50
7"	2591		100
2 1/2"			

Date		Date	
6-21	RV Spudder	8-23	T.D. 3252 Gr L
6-28	φ 575 X		Prep to shoot
7-6	H.P. Blow Out 500 X		OP 3200 - 11 L
	φ 1625 A		ORose 500 - 8 hrs
	W 330-40		2000 - 48 hrs
7-12	φ 2065 A		Rem Schlumberger
	1/9 1695 L		
	5/10 1740 A		
7-19	φ 2525 L	8-30	T.D. 3252 Gr L
7-26	φ 2585 L		CO @ 3222
8-2	φ 2720 L		100 BOPD wh/ CO.
	25/0 2665 - 70		Egt 400M Gas
	2678 - 83		
8-9	φ 2950 Br 2dy L		
8-16	T.D. 3100 Sdy L	9-6	T.D. 3252 Gr L
	Chng Vp fishing job		Tstg
	5/0 3000-15		2" 3244
	5/0 3043-49		Shd 48 hrs est 75 BOPD
	5/0 3078-85		5% fluid W
	final 3092-92		bulled v. + Perm w/pack
	@ T.D. 3100 Bld 5 Bld 09 hrs		

Depth	Formation	Depth	Formation	Depth	Formation
9.13	T.D. 3252 Gray L				
SEP 20 1939	Pumped 67000				
SEP 27 1939	3252 L Testing 7500 PD (8 hrs)				
OCT 4 - 1939	✓				
OCT 11 1939	Testing on pump				
OCT 18 1939	PD 3252 IP 54 16000 pumped				

N

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Allen, Fair & Pope

Artesia, New Mexico

Company or Operator

Address

State

Well No. 4-A

In SE SW NW of Sec. 36

T. 17

R. 29

N. M. P. M.

Loco Hills

Field

Eddy

County

Well is 2310 feet south of the North line and 1650 feet west of the East line of Section 36

If State land the oil and gas lease is No. B-2023 Assignment No. 3

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Address

Drilling commenced June 21st 1939 Drilling was completed September 9 1939

Name of drilling contractor C. C. Dodson Address Artesia, New Mexico

Elevation above sea level at top of casing 2561 feet

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3026 to 3060 No. 4, from to

No. 2, from 3196 to 3252 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		PURPOSE
							FROM	TO	
8 1/2"	28#	8	Nat'l	484'	Plain				
7" O.D.	22#	10	Y'town	2541'	Hallib.				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8 1/2"	484'	50	Halliburton	Heavy	3 Tons
8 1/2"	7" O.D.	2541'	100	Halliburton	Heavy	3 Tons

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
4 1/2"	Tin	Nitro	150 qts	8-22-39	3196-3252	To Bottom
		Acid	3000 Gal	8-31-39	3026-3252	To Bottom

Results of shooting or chemical treatment Nitro shot did not increase oil however increased gas some. Acid treatment increased oil production slightly, tested 100 bbls 24 hours swabbing test after shot and acid.

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 feet to feet, and from feet to feet
Cable tools were used from 0 feet to 3252 feet, and from feet to feet

PRODUCTION

Put to producing 9-9-39 19
The production of the first 24 hours was 100 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, Ba
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

G. C. Hill Driller Geo. Combs Driller
Vernon Lane 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 11th

Artesia, New Mexico Sept 11, 1939

Place

Date

day of September 19 39

Name C. M. Pope Jr.

SEAL

Barbara A. Wood

Notary Public

Position Secretary

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	160		Shale and sand
160	200		Sand
200	240		Red clay and anhy
240	260		Sand
260	470		Anhy and shale, red shale
470	475		Potash
475	760		Salt
760	775		Anhy
775	930		Salt and anhy
930	1280		Anhy, shale, brown shale, red shale
1280	1290		Sand
1290	1680		Anhy and lime
1680	1695		Lime
1695	1740		Anhy
1740	1745		Lime
1745	1817		Anhy and lime
1817	1825		Red bed
1825	2130		Anhy, lime, shale
2130	2155		Red sand
2155	2165		Anhy
2165	2170		Black Lime
2170	2260		Anhy
2260	2295		Grey lime
2295	2375		Anhy
2375	2383		Sand
2383	2425		Anhy
2425	2430		Red shale
2430	2460		Anhy
2460	2480		Lime
2480	2490		Anhy
2490	2500		Lime
2500	2517		Anhy and red sandy shale
2517	2520		Sand
2520	2954		Lime
2954	2959		Anhy
2959	3060		Lime, show of oil and gas
3060	3252		Lime, Oil and gas increasing steadily from 3200 to 2352- 2000' of oil in hole when bottomed at 3252 total depth of hole
3252			Total depth