

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Sun Oil Company

Joseph A. Akens

Company or Operator

6

SE/4

3 Lease

21-S

Well No.

36-E

Bullock

in

of Sec.

Lea

T.

R.

N. M. P. M.,

660

Field,

SE/4 of Sec. 3

Well is feet south of the North line and feet west of the East line of

If State land the oil and gas lease is No.

Joseph A. Akens

Assignment No.

Robert Lee, Texas.

If patented land the owner is

Address

If Government land the permittee is

Address

Dallas, Texas.

The Lessee is

October 2

Address

November 7 37

Drilling, commenced

M. J. Delaney Co.

Drilling was completed

Dallas, Texas.

Name of drilling contractor

3544.2

Address

Elevation above sea level at top of casing

feet.

XXXX

The information given is to be kept confidential until

19

OIL SANDS OR ZONES			
No. 1, from	2947m	2953 (Gas)	3763
No. 2, from	3149	3194 (Gas)	3803
No. 3, from	3225	3254 (Gas)	3810
No. 4, from			3767 (Oil)
No. 5, from			3804 (Oil)
No. 6, from			3819 (Oil)

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
15" 60	40#	8	LW	296' 6"	Belled Jt.			Surface
8-5/8"	32.6	8	SS	2560' 6"	Baker			Mid.String.
5-1/2"	17#	10	SS	5711' 1"	Baker			Oil String
2-1/2"	6.5#	10	SS	3810' 5"	-			Tubing.

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 1/2"	13"	315	125	Halliburton		
11"	8-5/8"	2579	400	"		
7-7/8"	5-1/2"	3728	200	"		

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
		Acid	1000 Gal.	11/2/37	3800/34	
		"	3000 "	11/4/37	3800/34	
		"	4000 "	11/7/34	3800/34	

Results of shooting or chemical treatment 1st: Swabbed estimated 5 bbls. fluid per hr. in pits. 2nd: Flowed 61 bbls. fluid in 24 hrs. - 26% acid water. 3rd: Flowed 58 bbls. fluid in 14 hrs. thru 20/64" choke - 26% acid water.

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. DST 3707/41 showed 870' drilling mud & slight amt. of gas in 20 minutes.

TOOLS USED

Rotary tools were used from 0 feet to 3834 feet, and from feet to feet
Cable toops were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing November 16, 19 37 (Tested November 7, 1937)
The production of the first 14 hours was 58 barrels of fluid of which 74 % was oil; % emulsion; 26 % 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

O. A. Bourg Driller B. T. Cooley Driller
E. S. Tucker Driller D. E. Spoonts 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 26th

Dallas, Texas.

Nov. 26, 1937.

day of November, 19 37

Name

Position

Representing

Production Superintendent.

Sun Oil Company

Company or Operator.

Address

Dallas, Texas.

Notary Public

My Commission expires

June 1, 1939

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	175	175	Caliche, Surface sand and shells
175	298	123	Red bed and red rock.
298	315	17	Red bed
315	358	43	Red rock.
358	725	367	Red rock and red bed.
725	817	92	Red rock, red bed & strks. blue shale.
817	920	103	Red rock.
920	1170	250	Red rock and red bed.
1170	1208	38	Red rock and strks. of gypsum.
1208	1255	47	Red rock and gypsum
1255	1360	105	Anhydrite.
1360	1380	20	Anhydrite & strks. of salt
1380	1416	36	Salt & strks. of anhydrite.
1416	1525	109	Red rock, salt & anhydrite.
1525	1575	50	Salt, Potash & strks. of anhydrite.
1575	1595	20	Anhydrite.
1595	1645	50	Salt, potash & anhydrite shells.
1645	1665	20	Salt, potash & anhydrite.
1665	1680	15	Anhydrite.
1680	1768	88	Salt, anhydrite & potash.
1768	1769	1	Anhydrite
1769	2000	231	Salt, potash & strks. anhydrite
2000	2152	152	Salt, anhydrite & potash.
2152	2260	108	Salt, red rock & strks. anhydrite.
2260	2310	50	Salt & potash.
2310	2327	17	Anhydrite.
2327	2382	55	Salt, potash & anhydrite.
2382	2496	114	Salt, potash & anhydrite.
2496	2511	15	Anhydrite & strks. gypsum and lime
2511	2613	112	Anhydrite.
2613	2810	197	Anhydrite & lime.
2810	2832	22	Anhydrite & brown lime
2832	2894	62	Anhydrite & lime.
2894	2945	51	Brown & gray lime.
2945	2947	2	Lime
2947	2953	6	Lime showing gas.
2953	3046	93	Lime.
3046	3098	52	Brown & gray lime.
3098	3149	51	Lime
3149	3194	45	Lime carrying gas.
3194	3225	31	Lime
3225	3254	29	Lime & anhydrite (carrying a little gas.
3254	3445	191	Lime
3445	3457	12	Sticky lime.
3457	3462	5	Broken brown & gray lime.
3462	3834	372	Lime
	3834	TOTAL DEPTH	