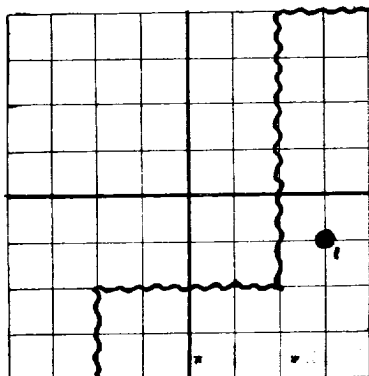


N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

DUPLICATE

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.

Barnsdall Oil Company **Tulsa, Oklahoma**

Company or Operator Address

State **OK** Well No. **21** in **38 1/4** of Sec. **53** T. **18**

Lease **300** N. M. P. M. **Livingston** Field, **Lee** County.

Well is **3200'** feet south of the North line and **600'** feet west of the East line of **Section 53**

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 **Barnsdall Oil Company** Address **Tulsa, Oklahoma**

Drilling commenced **November 14** 19 **39** Drilling was completed **February 20** 19 **39**

Name of drilling contractor **Lee Drilling Company** Address **Tulsa, Oklahoma**

Elevation above sea level at top of casing **3900** feet.

The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **4855** to **4865** No. 4, from _____ to _____

No. 2, from **4865** to **4875** No. 5, from _____ to _____

No. 3, from **4875** to **4885** 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	THERMAL PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8 5/8	23.00	10	Halliburton	2000	Reinforced				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12	8 5/8	3300	200	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
		Halliburton	6000	1-21-39	2000 to 3300	3300

Results of shooting or chemical treatment **No results were obtained**

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 **5200** feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing **Did not produce** 19 _____ **Well was dry**

The production of the first 24 hours was **None** barrels of fluid of which **0** % was oil; **0** % emulsion; **0** % water; and **0** % sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours **No** Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. **None**

EMPLOYEES

George Webb Driller **L. L. Bains** Driller

C. B. Towell Driller **Mike Hames** 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 **10th**

of **March** 19 **39**

Lawrence Mills
Notary Public

Commission expires **June 1, 1939**

Odessa, Texas **March 9, 1939**

Place _____ Date _____

Name **Lawrence Mills**

Position **Dist. Supt.**

Representing **Barnsdall Oil Company**
Company or Operator

Address **Odessa, Texas - Box #472**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	510	510	Caliche, gravel & red beds
510	530	20	Red beds & sand
530	555	25	Red beds
555	1320	465	Red bed & shells
1320	1470	150	Red bed
1470	1825	355	Red bed & Shells
1825	1945	120	Red bed
1945	2050	105	Red bed & shells
2050	2065	15	Red shale & sand
2065	2089	24	Red shale, Gr. Anhy. & sand
2089	2150	61	Red & gray shale, br. lime & Gr. Anhy.
2150	2155	5	Red & gray shale & gr. anhydrite.
2155	2270	115	Salt & Anhydrite
2270	2300	30	Red shale, polyhalite & gray anhy.
2300	2350	50	Red shale & gray anhydrite
2350	2380	30	Red shale, gr. anhy., & sand
2380	2430	50	Red shale & red sand
2430	2450	20	Red shale, red sand & gray anhy. (Yates Sand)
2450	2470	20	Red shale & red sand
2470	2490	20	Red shale, red sand & anhydrite
2490	2520	30	Red shale & red sand
2520	2550	30	Red shale, anhydrite & red sand (25/8" casing set at 2503' cemented with 950 sacks)
2550	2580	30	White anhydrite & brown lime
2580	2610	30	White anhydrite & red shale
2610	2640	30	White anhydrite, red shale & brown lime
2640	2670	30	White anhydrite, brown lime & sand
2670	2700	30	White anhydrite & brown lime
2700	2730	30	White anhy., gray shale & brown lime
2730	2760	30	White anhydrite & brown lime
2760	2790	30	White anhydrite, brown lime & sand
2790	2820	30	White anhydrite & brown lime
2820	2850	30	White anhydrite, red sand & brown lime
2850	2880	30	White anhydrite & fine red sand
2880	2910	30	White anhydrite & brown lime
2910	2940	30	White anhydrite
2940	2970	30	White anhydrite, red sand & brown lime
2970	3000	30	White anhydrite & brown sand
3000	3030	30	White anhydrite, brown lime & sand
3030	3060	30	White anhydrite & brown lime
3060	3090	30	White anhydrite, brown lime & red sand
3090	3120	30	Brown lime & white anhydrite
3120	3150	30	White anhydrite, brown lime & black sandy shale
3150	3180	30	White anhydrite & brown lime
3180	3210	30	White anhydrite, brown lime & sand
3210	3240	30	White anhydrite & brown lime
3240	3270	30	Brown lime, white anhydrite & bentonite
3270	3300	30	Brown lime, white anhydrite, bentonite & sand
3300	3330	30	Gray lime, white anhydrite & bentonite
3330	3360	30	Gray lime & white anhydrite
3360	3390	30	Gray lime, gray sand & white anhydrite
3390	3420	30	Gray lime, white anhydrite, bentonite & gray sand
3420	3450	30	Gray lime, white anhydrite & gray sand
3450	3480	30	Gray lime, white anhydrite, bentonite & sand
3480	3510	30	Gray lime, white anhydrite & bentonite
3510	3540	30	Gray lime, white anhydrite, bentonite & sand
3540	3570	30	Gray & pink lime, bentonite, white anhydrite
3570	3600	30	Gray & pink lime, bentonite & gray sand
3600	3630	30	Gray & pink lime, fin gray sand & bentonite
3630	3660	30	Gray & pink lime & bentonite
3660	3690	30	Gray lime & bentonite
3690	3720	30	Gray lime
3720	3750	30	Gray lime, anhydrite & red shale
3750	3780	30	Gray lime
3780	3810	30	Gray lime & black shale
3810	3840	30	Gray lime
3840	3870	30	Gray lime
3870	3900	30	Gray lime & black shale
3900	3930	30	Gray lime

TOTAL DEPTH - 5269