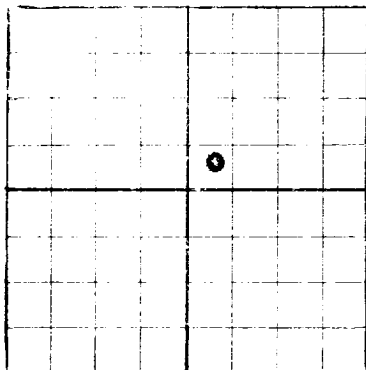
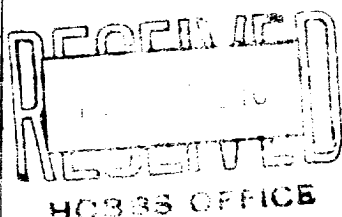


N

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

AREA 640 ACRES
LOCATE WELL CORRECTLY

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

R. Olsen Oil Company **Oklahoma City, Oklahoma**
Company or Operator Address
Boyd Well No. **1** in **NE 1/4** of Sec. **23**, T. **22S**
Lease
R. **37E**, N. M. P. M. **Drinkard** Field, **Lea** County.
Well is **2310** feet south of the North line and **2310** feet west of the East line of **Section 23**
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is **Mary J. Boyd** Address **Eunice, N.M.**
If Government land the permittee is _____ Address _____
The Lessee is _____ Address _____
Drilling commenced **Dec. 29, 1945** Drilling was completed **March 6, 1946**
Name of drilling contractor **Olsen-Blount Drilling Co.** Address **Oklahoma City, Okla.**
Elevation above sea level at top of casing **3332** feet **D.F.**
The information given is to be kept confidential until **Not confidential** 19 _____

OIL SANDS OR ZONES

No. 1, from **5415'** to **5560'** **Gas** No. 4, from _____ to _____
No. 2, from **6347'** to **6372'** **Oil** No. 5, from _____ to _____
No. 3, from **6392'** to **6412'** **Oil** 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		PURPOSE
							FROM	TO	
13-3/8	40#	8		272'	T.P.				
9-5/8	36#	8		2725'	Float				
5-1/2	15 1/2 & 17	8		6323'	Float				

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	13-3/8	287'	275	Plug	9.0	
12 1/2	9-5/8	2738'	2000	Plug	9.2	
8-3/4	5 1/2	6333'	400	Plug	8.9	

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
		Mud acid	500 G	3/11/46		

Results of shooting or chemical treatment **Well was not tested natural. After acid it flowed 278.76 barrels oil from 6:50 P.M. 3/12 to 6:50 P.M. 3/13**

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 **6419'** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **March 16, 1946**
The production of the first 24 hours was **278.76** barrels of fluid of which **100** % was oil; _____ % emulsion; _____ % 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

W. P. Morris Driller **A. V. Nichols** Driller
J. C. Hill Driller **C. W. McDowell** 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**

day of **March**, 19 **46**

W. P. Morris
Notary Public

My Commission expires **Oct. 24, 1949**

Name **W. P. Morris**

Position **Agent**

Representing **R. Olsen Oil Company**

Address **Oklahoma City, Oklahoma.**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	125	125	Caliche
125	165	40	Sand rock and Caliche
165	284	119	Red beds
284	830	546	Red rock
830	935	105	Red beds
935	1060	125	Red rock and sand
1060	1090	30	Red rock
1090	1131	41	Anhydrite
1131	1160	29	Anhydrite and red rock
1160	1185	25	Anhydrite
1185	2365	1180	Anhydrite and salt streaks
2365	2425	60	Anhydrite and lime
2425	2446	21	Anhydrite
2446	2497	51	Anhydrite and gypsum
2497	2580	83	Anhydrite and lime
2580	2585	5	Sand
2585	2597	12	Lime
2597	2685	88	Anhydrite and lime
2685	2865	180	Brown lime
2865	2895	30	Gray lime
2895	2938	43	Anhydrite
2938	3006	68	Anhydrite and gypsum
3006	3025	19	Anhydrite and sandy lime
3025	3131	106	Brown lime
3131	3200	69	Anhydrite and lime
3200	3260	60	Brown lime
3260	3349	89	Lime and anhydrite
3349	3415	66	Broken lime
3415	3450	35	Gray lime and gypsum
3450	3460	10	Gray lime
3460	3505	45	Lime with shale breaks
3505	3536	31	Gray lime
3536	3586	50	Brown lime
3586	3605	19	Hard lime
3605	3855	250	Lime
3855	3860	5	Brown lime
3860	3920	60	Sandy lime with small shale breaks
3920	3966	46	Sandy lime
3966	4008	42	Medium hard lime
4008	4162	154	Brown lime
4162	4198	36	Lime with hard sandy lime streaks
4198	4309	111	Gray lime
4309	4760	451	Brown lime
4760	4875	115	Gray lime
4875	4882	7	Gray lime and chert
4882	4965	83	Gray lime
4965	5000	35	Lime, hard brown
5000	5050	50	Lime
5050	5111	61	Lime, carrying oil & gas
5111	5240	129	Lime
5240	5370	130	Brown lime
5370	5385	15	Sandy lime
5385	5763	378	Brown lime
5763	5791	28	Brown lime and sand
5791	6021	230	Brown lime
6021	6040	19	Brown sandy lime
6040	6442	402	Brown lime.

S. L. M. 6442 = 6419'

D. S. TESTS

5052' to 5175' tool open 2 hours 20 minutes. Gas to surface in 10 minutes. Recovered 2 stands drilling mud, 4 stands and 1 double oil and gas cut drilling mud, 3 stands muddy oil, 5 stands salt water. Flowing bottom hole pressure built up from 450# to 700# during test.

5415' to 5560' tool open 49 minutes. Gas to surface in 6 minutes. Drilling mud to surface in 17 minutes. Estimated 5 million cubic feet of gas. Recovered 3 stands of drilling mud and 2 stands drilling water. Bottom hole flowing pressure 800#. 16 minute shut in pressure 2150#