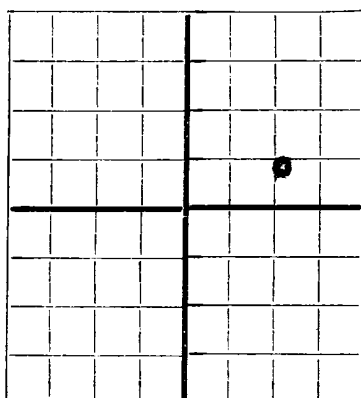


N

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBBS OFFICE

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. Olson Oil Company **Oklahoma City, Oklahoma**
Company or Operator Address
M. J. Boyd Well No. **2K** **2210** of Sec. **23**, T. **22S**
Lease
R. **37K**, N. M. P. M., **Drinkard** Field, **Lee** County.
Well is **2210** feet south of the North line and **990** 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 **M. J. Boyd**, Address **Junice, New Mexico**
If Government land the permittee is, Address
The Lessee is, Address
Drilling commenced **May 23** **1946** Drilling was completed **July 24** **46**
Name of drilling contractor **Harrison & Rife**, Address **Honolulu, Texas.**
Elevation above sea level at top of casing **3329** feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from **6340** to **6350** **Gas** No. 4, from **6400** to **6435** **Oil**
No. 2, from **6357** to **6370** **Gas** No. 5, from to
No. 3, from **6380** to **6390** **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	32#	8	Natl.	1082	Float				
8-5/8	32#	8	"	2392	Float				
5-1/2	15#	8	"	6312	Float				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
15-3/4	13-3/8	1097	1200	Plug	9.0	
11	8-5/8	2404	450	Plug	9.2	
7-7/8	5 1/2	6324	400	Plug	9.3	

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 G	7/25/46	6385-6454	
		Acid	4000 G	7/27/46	" "	
		Acid	8000 G	7/29/46	" "	

Results of shooting or chemical treatment **Well showed light spray of oil after 1000 gal. Flowed 80.6 barrels oil in 24 hours after 4000 gal. Flowed 4.86 barrels oil per hour after 8000 gallons 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 **0** feet to **6454** feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing **August 1** 19 **46**
The production of the first 24 hours was **116** 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. **2150**

EMPLOYEES

M. R. White, Driller **H. R. Sanders**, Driller
Ben Lewis, Driller **C. T. Reynolds**, 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 **20th**
day of **Sept.**, 19 **46**
Willoughby
Notary Public
My Commission expires **10/24/49**

Hobbs, New Mexico **Sept. 18, 1946**
Place Date
Name **Charles P. Miller**
Position **Agent**
Representing **R. Olson Oil Company**
Company or Operator
Address **Oklahoma City, Oklahoma.**

ILLEGIBLE

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
Surface	30	30	Caliche
30	85	55	Caliche & Sand
85	200	115	Red Bed
200	485	285	Red Rock
485	595	110	Red Bed
595	710	115	Red Rock
710	810	100	Red Bed
810	943	133	Red Rock
943	1010	67	Red Rock & Sand
1010	1087	77	Red Bed & Shells
1087	1105	18	Anhydrite
1105	1210	105	Anhydrite & Salt
1210	1405	195	Salt & Shells
1405	1575	370	Anhydrite & Salt
1575	1878	303	Salt
1878	1935	57	Salt & Anhydrite
1935	1958	23	Salt
1958	2062	104	Salt & Anhydrite
2062	2112	50	Salt
2112	2368	256	Salt & Anhydrite
2368	2470	102	Anhydrite
2470	2575	105	Anhydrite & Lime Streaks
2575	2685	110	Anhydrite & Gypsum
2685	2740	55	Anhydrite & Lime
2740	2930	190	Anhydrite
2930	3005	75	Anhydrite & Lime
3005	3320	315	Anhydrite
3320	3375	55	Lime
3375	3414	39	Anhydrite
3414	3565	151	Anhydrite & Lime
3565	3693	128	Lime
3693	3760	67	Lime & Shale
3760	3885	125	Lime
3885	4292	407	Lime & Shale
4292	4334	42	Lime
4334	4369	35	Lime & Shale
4369	4425	56	Lime
4425	4600	175	Lime & Shale
4600	4640	40	Lime
4640	4675	35	Lime & Shale
4675	5473	798	Lime
5473	5512	39	Lime & Shale
5512	5590	78	Lime
5590	5612	22	Lime & Streaks Chert
5612	6420	808	Lime ---- <u>TOTAL DEPTH</u>

R. OLSEN OIL COMPANY
Boyd #2X
Sec. 23-22S-37E, N.W.

DRILL STEM TESTS

5063'-5090' Tool open 1 hour & 5 minutes. 10 minute shut in build up pressure. Recovered 60 feet of mud.

5111'-5150' Tool open 1 hour & 10 minutes. Small blow air. Recovered 90' oil and gas cut drilling mud and 90' sulphur water.

6362'-6420' Tool open 1 hour & 5 minutes. Gas to surface in 7 minutes; mud to surface in 20 minutes followed by dry gas which gauged 3,120,000 cubic feet per day.

6375'-6420' Tool open 3 minutes when packer seat failed.

6392'-6420' Tool open 2 hours & 10 minutes shut in build up pressure. Gas to surface in 51 minutes. Recovered 50 feet of drilling mud.