

JUL 24 1941

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OFFICE

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

The Ohio Oil Company, P. O. Box 1607, Hobbs, New Mexico

Company or Operator
State McDonald a/e 2 Well No. **23** in **"0" Unit** of Sec. **13**, T. **22S**
Lease
R. **36E** N. **4** E. **4** **Arroyo** Field, **Lea** County.
Well is **990'** feet **from south line** and **1650'** feet west of the East line of **"0" 13-22S-36E**
If State land the oil and gas lease is No. **A-2614** Assignment No. _____
If patented land the owner is _____ Address _____
If Government land the permittee is _____ Address _____
The Lessee is _____ Address _____
Drilling commenced **June 9,** 19 **41** Drilling was completed **July 3,** 19 **41**
Name of drilling contractor **Olsen Drilling Company** Address **Tulsa, Oklahoma**
Elevation above sea level at top of casing **3462'** feet.
The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **3562** to **3690'** No. 4, from _____ to _____
No. 2, from **3697** to **3745'** 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 _____ 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	
8-5/8"	29.35	8 V	Wheeling	330	Regular				
4-1/2"	9.50	8 Rd.	Spang	3552	Flint				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8"	330	160	Halliburton		
6-1/4"	4-1/2"	3552	150	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
		Acid	1000	7/4/1941	3690-3745	

Production increased after acid treatment
July 4, 1941 from 6 bbls. natural per hour to 19 bbls. per hour.

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.

0 **3745'** USED
Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

July 5, 1941 PRODUCTION
Put to producing **113/20 1/2 Hrs.** **100**
The production of the first 24 hours was _____ barrels of fluid of which **36** **60° F.** 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

M. W. Jones
J. L. Laird Driller **Jack Speaks** Driller
_____, 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.

7th **Hobbs, New Mexico** **July 7, 1941**
Subscribed and sworn to before me this **July** **41**
day of _____, 19 _____
J. H. Hemphill
Notary Public, 1945
Place **Dr. Cravens** Date _____
Name **Foreman**
Position **The Ohio Oil Company**
Representative _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	12	12	Cellar
12	146	134	Caliche, shells and sand
146	265	119	Red bed and lime
265	335	70	Red bed and shells
			Set & cemented 3-5/8" casing to 330'
			with 160 sacks cement
335	395	60	Red bed and shells
395	1195	800	Red bed and shale
1195	1318	123	Anhydrite and gyp
1318	1346	28	Shale and Anhydrite
1346	1563	217	Anhydrite and gyp
1563	1712	149	Salt and Anhydrite
1712	1876	164	Salt, anhydrite and shells
1876	2315	439	Salt, anhydrite and gyp
2315	2662	347	Salt and anhydrite
2662	2701	39	Anhydrite and gyp
2701	2739	38	Anhydrite, gyp and lime
2739	2908	169	Anhydrite and gyp
2908	3045	137	Lime and anhydrite
3045	3549	504	Lime
3549	3546	-3	Steel line correction
3546	3560	14	Lime
			Set & cemented 3662' of 4-1/2" casing
			with 160 sacks cement
3560	3661	101	Lime
3661	3699	38	Lime and sand
3699	3698	-1	Lime shells and sand
3698	3694	-4	Lime and sand
3694	3745	51	Lime - Total Depth