

AREA 640 ACRES  
LOCATE WELL CORRECTLYNEW 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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

R. Olsen Oil Co. 2811 Apco Tower, Oklahoma City, Okla.  
Company or Operator Address  
Belcher Well No. 1 in ChwSw of Sec. 7, T. 22S  
Lease  
R. 38E N. M. P. M. Drinkard Field, Lea County.  
Well is 660 feet south of the North line and 1980 feet west of the East line of Southwest 1/4 Sec. 7  
If State land the oil and gas lease is No. Assignment No.  
If patented land the owner is Belcher Address Gulf Farmout  
If Government land the permittee is Address  
The Lessee is Address  
Drilling commenced 7/10/48 19 Drilling was completed 10/10/48 19  
Name of drilling contractor Olsen-Bauerdorf Address Jal, New Mexico.  
Elevation above sea level at top of casing feet.  
The information given is to be kept confidential until 19.

## OIL SANDS OR ZONES

No. 1, from 5150 to 5225 (Gas) No. 4, from to  
No. 2, from 5225 to 5319 (Gas&Dist) No. 5, from to  
No. 3, from 5550 to 5795 (Oil Spotted) 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		306	HOWCO				Surface
8 3/4	24#	8		5550	"				Oil String

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/8	10 3/4	306	150	HOWCO		
8 3/4	7	5550	500	"	10#	

## 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
Total	23000 Gals	Acid	between 10/9/48 and 10/16/48			

Results of shooting or chemical treatment Excellent results. Before acid well made no oil, after acid well made approximately 15 Bbls. oil per hr. Swab and flow.

## 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 5795 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing 10/16 19.48  
The production of the first 24 hours was 15 B.O.P.H. barrels of fluid of which % 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. 550 #s

## EMPLOYEES

Cecil Evans Driller Joe Wittle Driller  
Herb DeLay 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 18th

day of Nov, 19.48

Notary Public

My Commission expires 10/24/49

Jal, New Mexico 11/16/48

Name J. R. Reddick

Position Geologist

Representing R. Olsen Oil Co.

Address

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
3400	3450	50	Same red silty and argill.
3400	3450	50	Argillite and salt stringers
3410	2700	710	Argillite slight trace black sand (possible top of Yates section 3420) Definitely not well developed.
3700	3150	550	Dolomite dense anhydritic thin shale stringers.
3800	3500	300	Dolomite dense tan-gry (San Andres style)
3800	3875	75	Dolomite whitish-gry slightly sacrose some porosity. (Probably Penrose section)
3875	4800	925	Dolomite dense anhydritic
4800	5150	350	Dolomite dense to slightly porous very fine cryst. silice. (Top Clarietta 5150 ?) (Samples poor)
5150	5550	400	Dolomite lgt. gry-green slightly sacrose slight show gas and oil fluorescence.
5550	5795	245	Dolomite slight porosity to good porosity fair to good shows oil and gas. Spotted and streaked. Excellent to fair fluorescence.
			COALINE AND TANKING REQUIRED.
Well #1	5100-5215	Tool open 1 hr. recovered 190 ft. Gas out and. Flow press 100 ps. Building press. 0 ps.	
Well #2	5285-5319	Tool open 1 hr. recovered 245 ft. Condensate out and. Flow press. 0 ps. Building press. 0 ps.	
Core #1	5570-60	Recovered 30 ft. 5570-73 Dolomite dense slight show oil. 73-75 shale black 75-78 Dolomite gry-tan slight porosity 78-80 Dolomite tan fair porosity	
Core #2	5590-5605	Recovered 14 ft. 5590-5605 Dolomite gry-dense sand. Very dense and hard No porosity.	
Well #3	5600-5605	Tool open 45 min. slight blow air recovered 120 ft. orig. and. S.G.	
Core #3	5717-35	Recovered 18 ft. 5717-24 Dolomite brown anhydritic 24-30 Dolomite drk. brown sacrose fair (fair to good fluorescence) leached 30-35 Dolomite tan sacrose fair porosity	
Core #4	5735-33	Recovered 3 ft. Core 33. Plugged Dolomite tan dense	
Core #5	5775-63	Recovered 20 ft. 5775-83 Dolomite tan fine sacrose (good fluorescence) 83-85 Dolomite dense drk. brown anhydritic	
Well #4	5825-75	Tool open 1 hr. recovered 120 ft. orig. and. S.G. and oil and gas. Fair fluorescence.	