

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

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Shell Oil Company, Incorporated** Box 1457 Hobbs, New Mexico  
Company or Operator Address  
State **P** Well No. **1** in **NE 1/4** of Sec. **23**, T. **18-N**  
Lease  
R. **37-E**, N. M. P. M., **Bowers** Field, **Lea** County.  
Well is **660** feet south of the North line and **330** feet west of the East line of **Sec. 23, 18N, 37E**  
If State land the oil and gas lease is No. **7-9264** Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is **Shell Oil Company, Incorporated**, Address **Box 1457 Hobbs, New Mexico**  
**Workover** commenced **8-24-48** 19\_\_\_\_ **Workover** was completed **9-17-48** 19\_\_\_\_  
Name of drilling contractor **J.P. (Dun) Gibbins, Inc.**, Address **703 N. Main St. Hobbs, N.M.**  
Elevation above sea level at top of casing **3673** feet.  
The information given is to be kept confidential until **not confidential** 19\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **3311** to **3318** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **3344** to **3360** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **4096** to **4122** 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	
<b>8 5/8"</b>	<b>32</b>	<b>8</b>		<b>1579</b>	<b>Floater</b>				
<b>4 1/2"</b>	<b>9.5</b>	<b>8</b>		<b>4086</b>	<b>Floater</b>				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>11"</b>	<b>8 5/8"</b>	<b>1592</b>	<b>525</b>	<b>Pump &amp; Plug</b>		
<b>6 3/4"</b>	<b>4 1/2"</b>	<b>4099</b>	<b>130</b>	<b>Pump &amp; Plug</b>		

## 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

Results of shooting or chemical treatment **No treatment - washed formation with 500 gallons mud 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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **September 17,** 19 **48**  
The production of the first **2 1/2** hours was **21.56** barrels of fluid of which **99.9** % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and **.1** % sediment. Gravity, **Be A.P.I. 42 degrees**  
If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_ **G.O.P. = 223**

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, 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.

Subscribed and sworn to before me this **21st**

**Hobbs, New Mexico September 21, 1948**  
Place Date

day of **September**, 19 **48**

Name **Frank R. Levering**

Position **District Superintendent**

Representing **Shell Oil Company, Incorporated**  
Company or Operator

My Commission expires **My Commission Expires Sept. 16, 1950**

Address **Box 1457 Hobbs, New Mexico**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	98	98	Caliche and Sand.
98	1264		Red Rock
1264	1503		Red Bed and Sand
1503	1568		Sand and Shale
1568	1667		Anhydrite
1667	1825		Salt and Red Rock
1825	2700		Salt and Anhydrite
2700	2763		Anhydrite
2763	2840		Anhydrite and Shale
2840	2953		Anhydrite
2953	3044		Anhydrite and shale -
3044	3149		Anhydrite with streaks lime and shale
3149	3341		Anhydrite
3341	3362		Anhydrite and Sand
3362	3464		Anhydrite
3464	3490		Anhydrite with streaks sand
3490	3740		Anhydrite with streaks lime and sand
3740	3816		Anhydrite and lime
3816	3884		Lime and anhydrite with streaks sand
3884	3900		Lime and anhydrite
3900	3935		Lime
3935	4135		Lime with streaks sand
4135	4150		Lime - Total depth
			D.S.T. taken from 4096 to 4150'. Recovered 870' fluid in 20 minutes. Fluid consisted of 15% oil and 85% water and drilling mud.
			Plugged back to 4122 feet with cement.
			Plugged back further to 3920' with bridge plug and cement during recompletion in Bowers Sand.