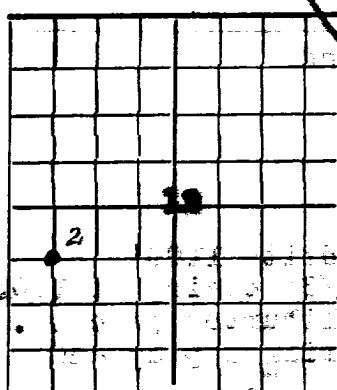


## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD

AREA 640 ACRES  
LOCATE WELL CORRECTLY

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.**

SKELLY OIL COMPANY

BOX 1650, TULSA, OKLAHOMA

Company or Operator **J V COOPER** Well No. **2** in **QW 8V** of Sec. **12**, T. **24**  
Lease

R. **24** N. M. P. M. **Cooper** Field, **Lee** County.

Well is **5000** feet south of the North line and **1000** feet west of the East line of **Section 12**

If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_

If patented land the owner is **J V COOPER** Address **Jal., N.M.**

If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_

The Lessee is \_\_\_\_\_ Address \_\_\_\_\_

Drilling commenced **8-20-42** 19 \_\_\_\_\_ Drilling was completed **9-19-42** 19 \_\_\_\_\_

Name of drilling contractor **LEE DRILLING CO** Address **Tulsa, Oklahoma**

Elevation above sea level at top of casing **3359** feet.

The information given is to be kept confidential until **NO RESTRICTIONS** 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **3020** to **3075** No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ 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 FROM TO	PURPOSE
<b>2 3/8</b>	<b>36</b>	<b>8</b>	<b>SS</b>	<b>1216</b>	<b>Float</b>			
<b>7"</b>	<b>20</b>	<b>8</b>	<b>SS</b>	<b>3540</b>	<b>Float &amp; Guide</b>			

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>10 1/2</b>	<b>8 3/8</b>	<b>1204</b>	<b>300</b>	<b>Halliburton</b>		<b>None</b>
<b>8</b>	<b>7"</b>	<b>3005</b>	<b>300</b>	<b>Halliburton</b>		<b>None</b>
<b>7"</b>	<b>6"</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
<b>4 1/2</b>		<b>200</b>	<b>300</b>	<b>8-23-42</b>	<b>3584-3670</b>	<b>3675</b>

Results of shooting or chemical treatment **Increased production from 33 BPD flowing to 4 1/2 barrels per hour flowing.**

## 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 **3675** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **8-23-42**, 19 \_\_\_\_\_.

The production of the first 24 hours was **104** 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

**EC E. Redie**, Driller **Hal Sanders**, 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.

**HOBBS, N.M.** **SEPT. 30, 1942**

Subscribed and sworn to before me this **30**

day of **SEPTEMBER**, 19 **42**

Notary Public.

Name **J. A. Dineen**

Position **District Superintendent**

Representing **SKELLY OIL COMPANY**  
Company or Operator

My Commission expires **Dec. 17, 1944**

Address **Drawer "D", Hobbs, N.M.**

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Caliche & surface sand
50	200	150	Sand
200	600	400	Red bed & Shells
600	675	75	Sand
675	935	260	Redbed & Shells
935	1194	159	Redrock & redbed
1194	1204	10	Anhydrite - Top Anhydrite 1190'
			Run and cemented 9-5/8" casing at 1204 with 300 sacks - Halliburton process. Let stand 72 hours drilled plug and tested casing shutoff OK.
1204	1220	16	Anhydrite
1220	1250	30	Anhydrite & salt
1250	2260	1010	Salt - Potash & shells.
2260	2720	460	Salt & anhydrite - Bottom salt 2720'
2720	2855	135	Anhydrite
2855	2875	20	Broken lime
2875	3505	630	Grey lime.
			Run and cemented 7" casing at 3505' with 500 sacks cement. Let stand 72 hours, drilled plug and tested casing shutoff OK with 1000' pressure.
3505	3526	21	Grey lime. Drilled plug and 21' of formation with water then changed over to oil to drill in with.
3526	3675	149	Broken lime - Top pay 3620' by samples.
TOTAL DEPTH		3675'	

Drilled to total depth and circulated 4 hours, then run 2" EUE tubing to 3653' with perforation set 3650' and started swabbing into pits to clear up of drilling oil. Recovered all of oil used in drilling but well would not kick off. Shut in over nite and swabbed and flowed in next 24 hours 35 barrels. Tested well three days at about same rate of production then pulled tubing preparatory to shooting.

SHOT: Shot with 300 quarts SNG from 3670' back up to 3586' in 4 1/2" shells. Exploded on time with A.S. Time bomb. Shot tamped with 3 yards gravel with top of tamp 3325'. After shot exploded well partly cleaned self and bridged again. Cleaned out gravel tamp and shot hole with rotary tools.

Run 2" EUE tubing to 3644' with American flow packer set 3394'. Shut in over nite and kicked off by swabbing and after clearing up of cleaning out oil, tested 4 1/2 barrels per hour on 12 hour test. Placed on Production Schedule as of October 1, 1942.

Gas 190,000

TOTAL DEPTH 3675'