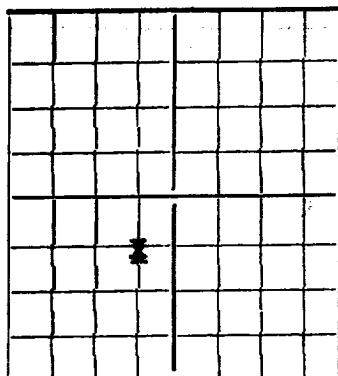


## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES  
LOCATE WELL CORRECTLY

RECEIVED  
DEC 1 - 1943  
RECEIVED  
HOBBS OFFICE

WELL RECORD

RECEIVED  
DEC 1 - 1943  
RECEIVED  
HOBBS OFFICE

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.

Barney Cookburn Box 115, Artesia, New Mexico  
Company or Operator Address  
Shell State Well No. 3 in NE 1/4 of SW 1/4 of Sec. 29, T. 17 S  
R. 33 E, N. M. P. M., East Maljamar Field, Lea County.  
Well is 1980 feet north of the machine and 1980 feet west of the machine of Section 29-17S-33E.  
If State land the oil and gas lease is No. B-2516 Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is Barney Cookburn, Address Artesia, New Mexico  
Drilling commenced August 29, 19 43 Drilling was completed November 4, 19 43  
Name of drilling contractor J. C. Watson, Address Maljamar, 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 4088 to 4105 0 No. 4, from 4165 to 4170 Gas  
No. 2, from 4215 to 4227 0 No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 4199 to 4300 0 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 Four Sheets do not show water sands 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
<u>8 5/8"</u>	<u>32#</u>	<u>8"</u>		<u>1260'</u>	<u>Texas</u>			<u>Water Shut-off</u>
<u>7"</u>	<u>22#</u>	<u>8"</u>		<u>3950'</u>	<u>Baker</u>			<u>Oil String</u>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 1/2"</u>	<u>8-5/8"</u>	<u>1260'</u>	<u>50 sacks</u>	<u>International Cementers</u>		
	<u>7"</u>	<u>3950'</u>	<u>75 sacks</u>	<u>International Cementers</u>		<u>50 sacks heavy mud</u>

## 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
		<u>Nitro Glycerin</u>	<u>320 qts.</u>	<u>11/1/43</u>	<u>4199'-4300'</u>	<u>To Bottom</u>

Results of shooting or chemical treatment 23 barrels per hour on a ten (10) hour test.

## 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 1260' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 1260' feet to 4300' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing December 1, 19 43.  
The production of the first 24 hours was \_\_\_\_\_ 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. \_\_\_\_\_

## EMPLOYEES

W. H. Messenger, Driller W. A. Kerr, Driller  
C. T. Hegwer, 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 30<sup>th</sup> day of November, 19 43  
Hugh E. Moore  
Notary Public.  
My Commission expires February 25, 1947.  
Name Hugh E. Moore Position Authorized Agent  
Representing Barney Cookburn  
Company or Operator Address Artesia, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	109	109	Caliche
109	188	79	Red Bed
188	1185	997	Red Rock
1185	1260	75	Anhydrite Set Surface Pipe
1260	1320	60	Anhydrite
1320	1340	20	Potash and Anhydrite
1340	1455	115	Salt
1455	1500	45	Potash and Salt
1500	2215	715	Salt
2215	2265	50	Salt and Dolomite
2265	2395	130	Salt
2395	2445	50	Anhydrite
2445	2450	5	Shale
2450	3565	1115	Anhydrite
3565	3575	10	Red Sand
3575	3775	200	Anhydrite
3775	3790	15	Lime
3790	3875	85	Anhydrite
3875	3895	20	Lime
3895	3905	10	Anhydrite
3905	4215	310	Lime Show of oil 4088 to 4105 Show of gas 4165 to 4170
4215	4227	12	Sand Show of oil 4215 to 4227
4227	4300	73	Lime Show of oil 4199 to 4300
4300	Total Depth		