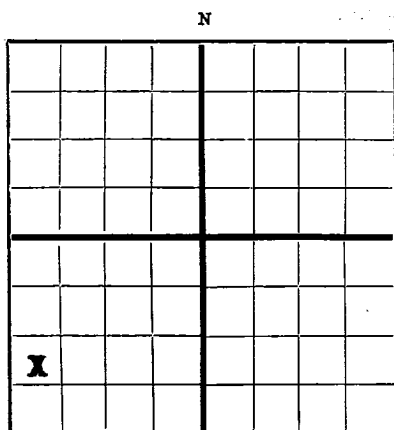


DUPLICATE

FORM C-105

RECEIVED  
JUL 6 1948  
HOBBS OFFICE



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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.

**Barney Cockburn** Box 115, Artesia, New Mexico  
Company or Operator Address  
**Ramapo-State** Well No. **1** in **NW SW SW** of Sec. **31**, T. **17S**  
Lease  
R. **28E**, N. M. P. M., **Red Lake** Field, **Eddy** County.  
Well is **990** feet **North** of the **South** line and **330** feet **East** of the **West** line of **31-17S-28E**  
If State land the oil and gas lease is No. **647** Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
The Lessee is **Barney Cockburn** Address **Box 115, Artesia, N.M.**  
Drilling commenced **March 21,** 19**48** Drilling was completed **April 12,** 19**48**  
Name of drilling contractor **Barney Cockburn** Address **Box 115, Artesia, N.M.**  
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 **1731** to **1745** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **1908** to **1919** 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 **910** to **920 Red Sand** 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>7"</b>	<b>17#</b>	<b>10</b>	<b>SH</b>	<b>1547'</b>	<b>Texas</b>				
<b>2"</b>	<b>4.7</b>	<b>10</b>	<b>New</b>	<b>1897</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>8"</b>	<b>7"</b>	<b>1547</b>	<b>150</b>			<b>50</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"</b>	<b>Nitro-Glycerin</b>	<b>300 qts</b>	<b>4-25-48</b>	<b>1812 to 1932</b>	<b>1932</b>
	<b>4 1/2"</b>	<b>" "</b>	<b>130 qts</b>	<b>5-5-48</b>	<b>1724 to 1765</b>	<b>1932</b>

Results of shooting or chemical treatment **No increase - in either shot**  
**Producing approximately 10 bbls oil per day - pumping**

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 **0** feet to **1775** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **May 1,** 19**48**  
The production of the first 24 hours was **10** 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

**N. E. Oliver** Driller **J. J. Rook** Driller  
**Earl Howell** 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 **1st**

day of **July**, 19**48**

**Ora Mae**  
Notary Public

**Artesia, New Mexico** **7-1-48** Date

Name **J. J. Rook**

Position **Agent**

Representing \_\_\_\_\_

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	32	32	Red Rock
32	75	43	Red Beds
75	130	55	Red Beds & Anhydrite
130	175	45	Red Rock
175	305	130	Anhydrite
305	370	65	Brown Shale - Anhydrite - Shells
370	420	50	Anhydrite Red Rock
420	445	25	Anhydrite
445	455	10	Brown Shale
455	480	25	Brown Lime
480	635	155	Anhydrite
635	660	25	Brown Lime
660	735	75	Anhydrite
735	745	10	Brown Shale
745	895	150	Anhydrite
895	905	10	Shale
905	910	5	Anhydrite
910	920	10	Red Sand
920	1140	220	Anhydrite
1140	1170	30	Brown Sand
1170	1180	10	Brown Shale
1180	1300	120	Anhydrite
1300	1325	25	Lime
1325	1425	100	Anhydrite
1425	1450	25	Sandy Lime
1450	1490	40	Anhydrite
1490	1535	45	Gray Lime
1535	1621	86	Lime
1621	1661	40	Gray Lime
1661	1666	5	Lime
1666	1706	40	Gray Lime
1706	1731	25	Brown Lime
1731	1752	21	Sandy Lime (Oil 1731 - 1745)
1752	1814	62	Gray Lime
1814	1846	32	Lime
1846	1866	20	White Lime
1866	1881	15	Lime
1881	1908	27	Broken Lime
1908	1908	0	Hard Lime
1908	1919	11	Sandy (Oil)
1919	1938	19	Sandy Lime
1938	1975	37	Lime

TD

Plug back w/gravel to 1946'

Plug back w/hydrantite to 1938' TD