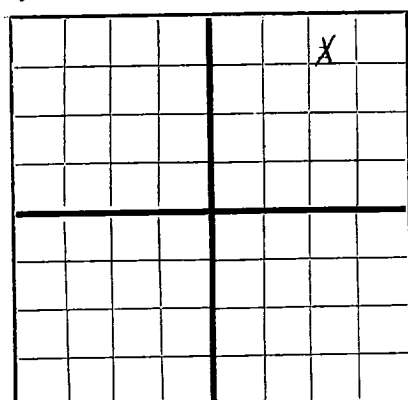
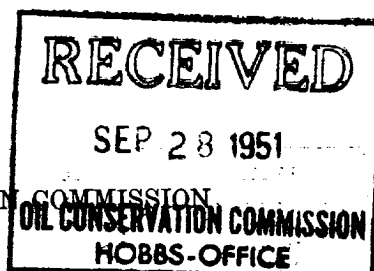


DUPLICATE  
FORM C-105



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

**Barney Cockburn** **Artesia, New Mexico**  
Company or Operator Address  
**Ohio State** Well No. **2** in **NE NE NE** of Sec. **32**, T. **17N**  
Lease  
R. **33E**, N. M. P. M. **Maljamar** Field, **Lee** County.  
Well is **330** feet south of the North line and **990** feet west of the East line of **32-17-33**  
If State land the oil and gas lease is No. **R 5310** Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
The Lessee is \_\_\_\_\_ Address \_\_\_\_\_  
Drilling commenced **Feb. 12** 19 **51** Drilling was completed **May 10** 19 **51**  
Name of drilling contractor **Barney Cockburn** Address \_\_\_\_\_  
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 **4264** to **4267** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from **4280** to **4285** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **4293** to **4313** 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 **120** to **137** 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>24</b>	<b>8</b>	<b>S.H.</b>	<b>1297</b>	<b>Reg</b>				<b>Surface string</b> <b>Oil string</b>
<b>5 1/2"</b>	<b>14</b>	<b>10</b>	<b>S.H.</b>	<b>4050</b>	<b>Reg</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>1257</b>	<b>50</b>	<b>Ballburton</b>		
<b>8"</b>	<b>5 1/2</b>	<b>4050</b>	<b>100</b>	<b>"</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>Dump shot</b>		<b>Nitro-Glycerine</b>	<b>85 qts</b>	<b>5/8/51</b>	<b>4293 to 4313</b>	<b>4313</b>

Results of shooting or chemical treatment **Produced 55 barrels per day after shot**

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 **1257** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from **1257** feet to **4313** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

PRODUCTION

Put to producing **5-10-51**, 19 \_\_\_\_\_  
The production of the first 24 hours was **55** 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

**R. C. Cockburn** Driller **Earl McDorman** Driller  
**Roy Johnson** 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 **26** day of **September, 1951**, 19 \_\_\_\_\_  
**James Street** Notary Public  
My Commission expires **May 31, 1953**  
**Artesia, N. M.** **9-26-51**  
Name **C. B. James**  
Position **Agent**  
Representing **Barney Cockburn** Company or Operator  
Address **Box 105, Artesia, N. M.**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	120	120	Rd rock
120	137	17	Water sand
137	259	122	Red rock
259	300	41	"
300	570	270	Shale & shells
570	845	275	Sandy shale
845	912	67	Broken shale
912	1083	171	shale, red beds
1083	1100	17	Red beds
1100	1200	100	Hard sandy shale
1200	1214	14	Brown lime
1214	1250	36	Brown lime & red beds
1250	1257	7	Brown lime
1257	1400	143	anhy
1400	1410	10	Broken anhy
1410	1420	10	anhy
1420	1425	5	salt
1425	1480	55	Red beds
1480	1525	45	salt
1525	1535	10	Red beds
1535	1580	45	anhy
1580	1660	80	salt
1660	1692	32	Potash & anhy
1692	1714	22	salt
1714	1725	11	salt & potash
1725	1922	197	salt
1922	1932	10	Red bed
1932	2268	336	salt
2268	2284	16	Broken salt
2284	2300	16	Potash, salt & gyp
2300	2405	105	Broken salt
2405	2420	15	Broken salt
2420	2475	55	Salt
2475	2490	15	anh
2490	2515	25	Red beds
2515	2525	10	Broken anhy
2525	2535	10	Red beds
2535	2565	30	Broken anhy
2565	2580	15	Red beds & anhy
2580	2595	15	anhy
2595	2610	15	Broken anhy
2610	2647	37	anhy
2647	2665	18	Red beds
2665	2688	23	Sandy anhy
2688	2725	37	Red beds
2725	2751	26	Broken anhy
2751	2769	18	Red beds
2769	2775	6	Sandy anhy
2775	2815	40	Red beds & anhy
2815	2835	20	Red beds
2825	2855	20	Broken anhy
2855	2910	55	anhy
2910	2935	25	Gray shale
2935	2955	20	anhy
2955	2975	20	Shale
2975	2990	15	Red beds
2990	2995	5	Broken anhy
2995	3635	640	anhy
3635	3652	17	Red sand
3652	3669	17	anhy
3669	3676	7	Sand
3676	3775	99	anhy
3775	3795	20	Sandy red rock
3795	3815	20	Sandy anhy
3815	3850	35	anhy
3850	3870	20	anhy & red rock
3870	3885	15	Broken anhy
3885	3920	35	anhy
3920	3935	15	Broken anhy
3935	3955	20	anhy
3955	3975	20	Broken anhy
3975	3987	12	anhy
3987	4039	52	Gray lime
4039	4050	11	lime
4050	4063	13	Gray lime
4063	4155	92	lime
4155	4160	5	White lime
4160	4170	10	Gray lime
4170	4232	62	Lime
4232	4249	17	White lime
4249	4264	15	lime
4264	4267	3	Sandy lime
4267	4275	8	Sand & lime
4275	4276	1	White lime
4276	4280	4	Lime
4280	4285	5	Sand (oil show)
4285	4313	28	Sand & lime