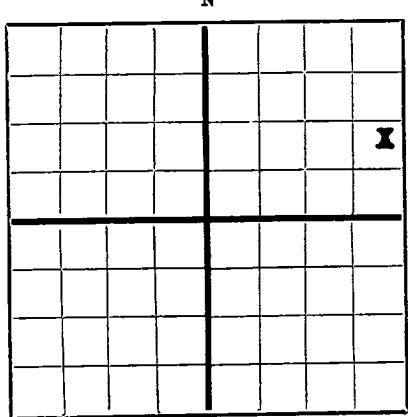


FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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 Cookburn**  
**Ohio-State** Company or Operator  
Well No. **5** in **NE/4 SE/4** of Sec. **32**, T. **17S**  
R. **33E** N. M. P. M. **Maljamar** Field, **Lea** County.  
Well is **1650** feet south of the North line and **330** feet west of the East line of **Sec. 32-17S-33E**  
If State land the oil and gas lease is No. **B-5310** Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_ Address \_\_\_\_\_  
If Government land the permittee is \_\_\_\_\_ Address \_\_\_\_\_  
The Lessee is **Barney Cookburn** Address **Same as above**  
Drilling commenced **6-20-50** 19\_\_\_\_ Drilling was completed \_\_\_\_\_ 19\_\_\_\_  
Name of drilling contractor **Paten Bros.** Address **Carper Bldg., Artesia, N.M.**  
Elevation above sea level at top of casing **4053** feet. **S.R.**  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_

OIL SANDS OR ZONES

No. 1, from **3672** to **3692** 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		PURPOSE
							FROM	TO	
<b>8 5/8"</b>	<b>24</b>	<b>8 th</b>	<b>SH</b>	<b>1346</b>	<b>Reg.</b>				<b>Water string</b>
<b>7"</b>	<b>20</b>	<b>8 th</b>	<b>SH</b>	<b>3523</b>	<b>Reg.</b>				<b>Oil</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>9 5/8"</b>	<b>8 3/8"</b>	<b>1346</b>	<b>50</b>	<b>Denton</b>		
<b>8"</b>	<b>7"</b>	<b>3523</b>	<b>50</b>	<b>Denton</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>(Dumped)</b>	<b>Nitro-glycerin</b>	<b>240</b>	<b>9-21-50</b>	<b>3673</b>	<b>3695</b>

Results of shooting or chemical treatment \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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 \_\_\_\_\_, 19\_\_\_\_  
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

**R. A. Thomas** \_\_\_\_\_, Driller \_\_\_\_\_, Driller  
**E. D. Askerman** \_\_\_\_\_, 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 **17th** \_\_\_\_\_  
day of **October**, 19 **50**  
**Sra May Hyman**  
Notary Public  
My Commission expires **April 15, 1952**  
Place **Artesia, New Mexico** Date **10-17-50**  
Name **C. J. Barnes**  
Position **Agent**  
Representing **Barney Cookburn**  
Company or Operator  
Address **Box 105, Artesia, New Mexico**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
4	95	95	Sand
95	215	120	" & Shells
215	310	95	" , Red Rock & Shells
310	415	105	Red Rock & Shells
415	565	150	Anhy., Shells & Red Rock
565	675	110	" & Red Rock
675	865	190	Red Rock & Shells
865	905	40	Anhy. & Red Bed Brakes
905	1005	100	Anhy. & Red Rock
1005	1130	125	Anhy. & Red Bed Brakes
1130	1285	155	Red Rock, Anhy. & Shells
1285	1338	53	Red Rock
1338	1346	8	Anhy.
1346	1440	94	Anhy.
1440	1480	40	Anhy., Red Shale
1480	2340	860	Salt
2340	2370	30	Anhy. & Shale
2370	2420	50	Broken Anhy.
2420	2485	65	Anhy., Salt & Shale
2485	2500	15	Salt
2500	2715	215	Anhy.
2715	2765	50	Anhy., & Shale Breaks
2765	2820	55	Anhy.
2820	2865	45	Anhy. & Shale
2865	3010	145	Anhy.
3010	3030	20	Anhy., Shale & Sand
3030	3050	20	Anhy. & Red Shale
3050	3175	125	Anhy. & Shale
3175	3615	440	Anhy.
3615	3645	30	Anhy. & Shale Breaks
3645	3655	10	Anhy.
3655	3662	7	Anhy. & Shale
3662	3672	10	Gray Sand (Gas)
3672	3703	31	Red Sand (Oil show 3672-3692)

TD

T.D. 3703' plugged back with gravel from 3703' to 3600' Calseal from 3600' to 3550 and 7" run and cemented. Well cleaned out to T.D. 3695'

4053  
3672  
— 381