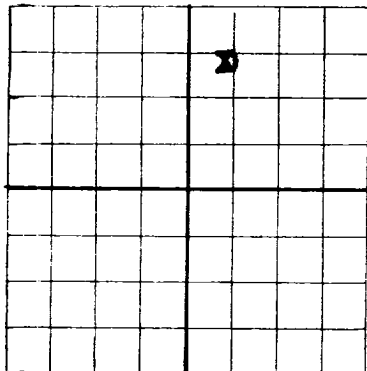


NEW MEXICO OIL CONSERVATION COMMISSION

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 TRIPPLICATE. 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
Cockburn-State Well No. 3 in NW 1/4 NE 1/4 of Sec. 32, T. 17S
R. 35E N. M. P. East Maljamar Field, Lea County.
Well is 660 feet south of the North line and 1980 feet west of the East line of NE 1/4
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 Cockburn Address Box 115, Artesia, N.M.
Drilling commenced February 1, 1944 Drilling was completed May 10, 1944
Name of drilling contractor J.C. Watson Drilling Co. Address Artesia, 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 2980' to 2990' No. 4, from 3695' to _____
No. 2, from 3010' to 3020' No. 5, from 4167' to _____
No. 3, from 3650' to _____ No. 6, from 4305' to 4313'
4313' 4325'

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole. Plugged back from 4325' to 4313'
Results of shot into water.
No. 1, from Four Sheets does not show water sands 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
<u>8"</u>	<u>32#</u>	<u>8"</u>	<u>Kat#1</u>	<u>1280'</u>	<u>Texas</u>				<u>Water Shut-Off</u>
<u>7"</u>	<u>20#</u>	<u>8"</u>	<u>Kat#1</u>	<u>4045'</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>10 7/8</u>	<u>8"</u>	<u>1280'</u>	<u>50</u>	<u>International Cementers</u>		
<u>8 7/8</u>	<u>7"</u>	<u>4045'</u>	<u>102</u>	<u>International Cementers</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____
Adapters—Material _____ Size _____
Well Plugged back from 4325' to 4313' with 1000# Lead Wool and 9' cement.

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
<u>5"</u>		<u>Nitro-Glycerin</u>	<u>140 qts</u>	<u>5/9/44</u>	<u>4325' to 4285'</u>	<u>To Bottom -</u>

Results of shooting or chemical treatment After plugging well back and the water shut-off,
test was made and the well flowed 80 barrels in 4 hours.

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 0 1280 feet, and from _____ feet to _____ feet
Cable tools were used from 1280 feet to 4313 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing May 11, 1944 - Proration Schedule May 15, 1944
The production of the first 24 hours was 80 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. L. Morris Driller M. F. Willis Driller
M. H. Hargus Driller W. I. Trembley 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 24th
day of May, 1944
Delma F. Matthews
Notary Public

My Commission expires February 25, 1947

Artesia, New Mexico May 24, 1944
Name Reg E. Moore
Position Authorized Agent.
Representing Barney Cockburn
Company or Operator
Address Box 115, Artesia, New Mexico.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	380	380	Soil, Sand & Gravel and Red Bed
380	1268	888	Red Rock
1268	1280	12	Anhydrite, set surface 8" casing at 1280'
1280	1430	150	Anhydrite
1430	1470	40	Salt
1470	1525	50	Anhydrite and Salt
1525	1575	50	Salt
1575	1635	60	Salt and Red Rock
1635	1695	60	Potash and Salt
1695	2305	610	Salt
2305	2525	20	Anhydrite
2325	2430	105	Salt
2430	2450	20	Anhydrite
2450	2465	15	Salt
2465	2485	20	Anhydrite
2485	2505	20	Salt and Anhydrite
2505	3650	1145	Anhydrite - Show of oil 2980' - 2990' Show of Oil 3010' to 3020'
3650	3665	15	Anhydrite - Gas 3650'
3665	3685	20	Red Sand
3685	3700	15	Anhydrite and Lime - Gas at 3695'
3700	3740	40	Anhydrite
3740	3770	30	Lime
3770	3875	105	Anhydrite
3875	3890	15	Anhydrite and Lime
3890	4005	115	Anhydrite
4005	4257	252	Lime - Show of oil 4167'
4257	4285	28	Sand
4285	4290	5	Lime
4290	4305	15	Sand
4305	4315	10	Oil Sand - Free oil at 4305' - More oil and Gas at 4313' - Set 7" casing at 4045'
4315	4319	4	Sand and Lime
4319	4325	6	Oil Sand
TOTAL DEPTH			4313'
H E M / smr.			Plugged back to 4313' - shot into water. Plugged back with 1000# Lead Wool and 9' cement.