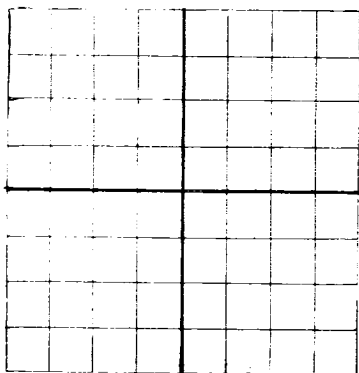


N

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 Cockburn Box 115, Artesia, New Mexico
Company or Operator Address
State Well No. 4 in NW/4NW/4 of Sec. 2, T. 17S
R. 30E, N. M. P. M. Square Lake Field, Eddy County.
Well is 660 feet south of the North line and 660 feet East of the East line of Section 2
If State land the oil and gas lease is No. B 3635 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, New Mexico
Drilling commenced July 4, 1942 Drilling was completed August 22, 1942
Name of drilling contractor Brewer Drilling Company Address Artesia, New Mexico
Elevation above sea level at top of casing 3736 feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 2880 to 2889 No. 4, from to
No. 2, from 2944 to 2952 No. 5, from to
No. 3, from 2960 to 3033 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 1730 to 1745 feet. 1/2 bailer per hour
No. 2, from 2355 to 2375 feet. 2 bailer per hour
No. 3, from Thereafter decreased 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	
8 1/4	28#	8"		548	Texas	Pattern Surface			Water Shut-off
6	11#	8"		2772	Baker Shoe	Oil String			

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8 1/4"	548	50	International	Cementers	
	6"	2772	200	International	Cementers	

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
	4"	Nitro-Glycerin			2933' to	
			260 Qts.	8-19-42	3033'	To bottom

Results of shooting or chemical treatment 60 barrels in 1 1/2 hr 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 feet to feet, and from feet to feet
Cable tools were used from 0 feet to 3033 feet, and from feet to feet

PRODUCTION

Put to producing Sept. 1, 1942
The production of the first 24 hours was 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

C.E. Flanagan Driller W.S. Walker Driller
C.E. Sole Driller C. R. Crandall 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 Artesia, New Mexico April 27, 1944
Place Date

day of 19 Name

Position Authorized Agent

Representing Barney Cockburn

Company or Operator

My Commission expires Bolx 115, Artesia, New Mexico
Address

Notary Public

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Sand
10	15	5	Caliche
15	350	335	Red Sand
350	410	60	Anhydrite, Broken
410	472	62	Anhydrite
472	480	8	Gypsum
480	495	15	Red Bed
495	500	5	Red Rock
500	515	15	Anhydrite
515	555	40	Red Rock Set 8" at 548' Surface Casing
555	567	12	Anhydrite
567	1105	538	Salt
1105	1125	20	Anhydrite
1125	1180	55	Anhydrite Broken
1180	1225	45	Salt
1225	1280	55	Anhydrite
1280	1325	45	Anhydrite and Red Rock
1325	1470	145	Anhydrite
1470	1520	50	Red Rock
1520	1545	25	Red Bed
1545	1570	25	Anhydrite
1570	1625	55	Anhydrite and Red Rock
1625	1660	35	Anhydrite
1660	1700	40	Anhydrite and Red Rock
1700	1730	30	Red Bed
1730	2065	335	Anhydrite
2065	2070	5	Shale
2070	2085	15	Anhydrite
2085	2120	35	Anhydrite Broken
2120	2155	35	Anhydrite and Red Rock
2155	2346	191	Anhydrite
2346	2375	29	Red Sand
2375	2383	8	Red Sand and Anhydrite
2383	2395	12	Lime, Grey
2395	2425	30	Anhydrite
2425	2434	10	Red Rock and Anhydrite
2435	2443	8	Lime
2443	2515	72	Anhydrite
2515	2565	50	Anhydrite and Red Rock
2565	2590	25	Anhydrite
2590	2615	25	Anhydrite and Red Rock
2615	2635	20	Sand and Anhydrite
2636	2660	25	Anhydrite, Broken
2660	2685	25	Anhydrite and Red Rock
2685	2735	50	Anhydrite
2735	2753	18	Anhydrite, Broken
2753	2802	49	Lime, Set 6" casing at 2772'
2802	2805	3	Red Sand
2805	2815	10	Lime
2815	2837	22	Lime and Sand
2837	2944	107	Lime Oil and Gas at 2880' to 2889'
2944	2952	8	Lime Increase of Oil 2944 to 2952'
2952	2960	8	Lime, Pink
2960	3006	46	Lime, Increase of Oil
3006	3015	9	Lime, Soft Increase of Oil and G's
3015	3033	18	Lime
3033			TOTAL DEPTH.

S.M.R.