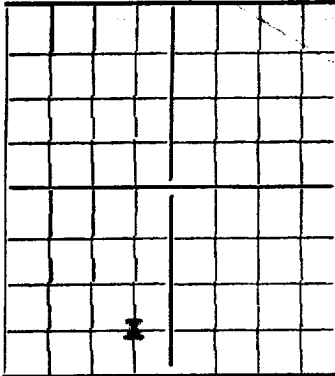
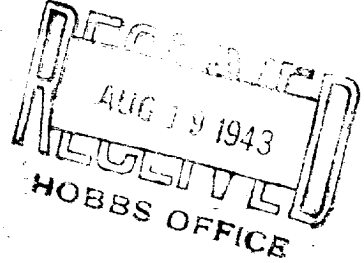


NEW MEXICO OIL CONSERVATION COMMISSION

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 Company or Operator **P.O. Box 115, Artesia, New Mexico**
Shell State Lease Well No. **2** in **SE 1/4** of Sec. **29**, T. **17**
 R. **35E**, N. M. P. M., **Maljamar** Field, **Los** County.
 Well is **660** feet **north** of the **1/2** line and **1980** feet **east** of the **1/2** line of **Section 29**
 If State land the oil and gas lease is No. **B-2516** Assignment No. _____
 If patented land the owner is _____, Address _____
 If Government land the permittee is _____, Address _____
 The Lessee is **Barney Cockburn**, Address **P.O. Box 115, Artesia, N.M.**
 Drilling commenced **April 9,** 19 **43** Drilling was completed **July 28** 19 **43**
 Name of drilling contractor **J. C. Watson**, Address **Maljamar, New Mexico.**
 Elevation above sea level at top of casing **4066** feet.
 The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from **4080** to **4100** No. 4, from _____ to _____
 No. 2, from **4170** to **4190** No. 5, from _____ to _____
 No. 3, from **4253** to **4312** 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 **50'** to **65'** feet. **Hole Full**
 No. 2, from **395'** to **410'** feet. **2 1/2** bailers per hour
 No. 3, from **4315'** to **4319'** feet. **5** gallon per hour
 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
8"	32#	8"		1300'	Texas Pattern				
7"	22#	8"		4060'	Baker				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8 1/2"	7"	4060'	200	International Cementers		
10"	8"	1300'	25	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
5"	x	Nitre Glycerin	240 qts.	8/3/43	4304'-4242'	To Bottom

Results of shooting or chemical treatment **After the shot there was an increase of 90 barrels of oil to 300 barrels.**

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 **1300** feet, and from _____ feet to _____ feet
 Cable tools were used from **1300'** feet to **4312** feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing **August 1,** 19 **43**
 The production of the first 24 hours was **300** 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

J. C. Watson, Driller. **W. A. Farr**, Driller
M. H. Crabb, Driller. **W. H. Messinger**, 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 **18th** day of **August**, 19 **43**
 Name **Hugh E. Moore**
 Position **Authorized Agent.**
 Representing **Barney Cockburn** Company or Operator
 My Commission expires **August 28, 1945**
 Address **Box 115, Artesia, New Mexico**
 Date **Artesia, New Mexico August 18, 1943**

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Sand
50	85	35	Gravel
85	90	5	Red Rock
90	130	40	Red Bed
130	160	30	Gumbe
160	175	15	Shale
175	300	125	Red Bed
300	390	90	Shale
390	405	15	Sandy Shale
405	455	50	Sand
455	495	40	Sandy Shale
495	555	60	Red Shale
555	590	35	Red Bed
590	710	120	Red Shale
710	790	80	Shale
790	1135	345	Red Rock
1135	1325	190	Anhydrite
1325	1360	35	Salt
1360	1400	40	Potash, Salt and Red Rock
1400	1440	40	Salt and Potash
1440	1585	145	Salt
1585	1635	50	Salt and Potash
1635	1915	280	Salt
1915	1985	70	Salt and Potash
1985	2245	260	Salt
2245	2270	25	Anhydrite
2270	2400	130	Salt
2400	2415	15	Anhydrite
2415	2465	50	Anhydrite and Red Rock
2465	2625	160	Anhydrite
2625	2670	45	Anhydrite and Red Rock
2670	2810	140	Broken Anhydrite
2810	3000	190	Anhydrite (Showing of oil 2890'-2900')
3000	3020	20	Brown Lime
3020	3560	540	Anhydrite
3560	3590	30	Red Sand
3590	3600	10	Anhydrite
3600	3615	15	Lime
3615	3670	55	Anhydrite
3670	3680	10	Lime
3680	3700	20	Anhydrite and Lime
3700	3725	25	Lime
3725	3800	75	Anhydrite and Lime
3800	3890	90	Lime
3890	3905	15	Anhydrite (show of gas 3890'-3895')
3905	4253	348	Lime
4253	4312	59	Top Sand (Total Depth)
4312	4320	8	Lime
Plugged back to	4312	Total Depth	Sulphur Water 4315' to 4319' Plugged back with Lead Wool to 4312' the Total Depth. Bottom Hole water shut-off.

H
E
M
/
r.