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[illegible]

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

Barney Cockburn, Inc. Artesia, New Mexico
Company or Operator Address
Shell-State Well No. 5 in SW¹/₄NE¹/₄SW¹/₄ Sec. 29 T. 17S
Lease
R. 33E N. M. P. M. Maljamar Field, Lea County.
Well is 1330 feet South of the North line and 1330 feet East of the East line of Sec. 25-17S-33E
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, Inc. Address Artesia, N.M.
Drilling commenced August 15, 1947 Drilling was completed November 10, 1947
Name of drilling contractor Marshall, Smith & Rupe Address Artesia, New Mexico
Elevation above sea level at top of casing feet.
The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 4103 to 4111 No. 4, from 4263 to 4273
 No. 2, from 4181 to 4193 No. 5, from _____ to _____
 No. 3, from 4233 to 4238 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

[illegible]

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 3/4	7"	4008'	150	Halliburton		
2-Stage Tool		1400'	90			

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 ¹ / ₂ "	Nitro-Glyce- rin	300QTS.	11-3-47	4181 to 4276	4276

Results of shooting or chemical treatment Estimated well would produce 50 BBLs. per day before shot. Tested 108 Hbls in 12 hours 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 4035 feet, and from _____ feet to _____ feet

Cable tools were used from 4035 feet to 4276 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing November 15, 19 47
The production of the first ¹²~~24~~ hours was 108 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

Roy Vaughan, Driller John Dyson, Driller
Harry Rupe, Driller G. W. Hill, 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 20th

day of November 1947

Helma E. Matthews
Notary Public

My Commission expires Feb. 25, 1951

~~Artesia, N. M. 11-20-47~~

Name. Devright

Position Vice President

Representing **Barney Cockburn, Inc.**

Address Box 116, Artesia, N. M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	64	64	Sand & Caliche
64	412	348	Red Bed
412	695	283	Red Bed & Shell
695	900	205	Shale, Shells, Red Bed
900	1205	305	Red Bed & Shells
1205	1237	32	Sticky Shale
1237	1431	194	Anhydrite & Shale
1431	1726	295	Salt & Shells
1726	1846	120	Salt
1846	2264	418	Salt & Shells
2264	2350	86	Salt & Shale
2350	2440	90	Salt & Shells
2440	2570	130	Broken Anhydrite
2570	2596	26	Anhydrite & Shale
2596	2760	164	Anhydrite & Gyp.
2760	2810	50	Anhydrite & Shale
2810	2908	98	Anhydrite & Lime
2908	2924	16	Anhydrite & Shale
2924	3101	177	Anhydrite & Gyp.
3101	3133	32	Anhydrite & Lime
3133	3180	47	Lime
3180	3261	81	Anhydrite & Lime
3261	3271	10	Lime & Gyp.
3271	3351	80	Lime
3351	3381	30	Anhydrite & Lime
3381	3402	21	Lime & Gyp.
3402	3424	22	Lime
3424	3552	128	Anhydrite & Gyp.
3552	3584	32	Gyp.
3584	3603	19	Anhydrite & Lime
3603	3763	60	Lime
3763	3781	18	Gyp.
3781	3852	71	Lime
3852	3864	12	Lime & Shale
3864	3925	61	Lime
3925	3935	10	Lime Hard
3935	4034	99	Lime
4034	4038	4	Gray Lime
4038	4046	8	Sandy Lime
4046	4075	29	Gray Lime
4075	4079	4	Lime
4079	4098	19	Gray Lime
4098	4102	4	Lime
4102	4155	53	Gray Lime - Oil 4103 - 4111
4155	4180	25	Brown Lime
4180	4217	37	Lime - Oil 4181 to 4193
4217	4225	8	Sandy Lime
4225	4233	8	Lime
4233	4273	40	Sandy Lime - Oil 4233 - 4238, Oil 4263 to 4273
4273	4276	3	Lime

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