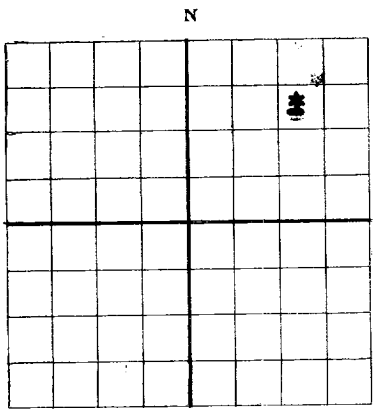
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
JUN 26 1939
HOBBS OFFICE

WELL RECORD

DUPLICATE

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.

Barney Cockburn & Son — Company or Operator — Box 908, Arp, Tex. — Address

State — Lease — 1 — Well No. — SW¼ NE¼ — in — 16 — of Sec. — 18S — T.

31E — R. — Paton area — Field, — Eddy — County.

660 — feet south of the North line and — 660 — feet west of the East line of — See 16.

B-2384

If State land the oil and gas lease is No. _____ Assignment No. _____

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Barney Cockburn & Son, Address Box 908, Arp, Tex.

Drilling commenced Sept 1st, 19 38 Drilling was completed January 9th 19 39

Name of drilling contractor Barney Cockburn & Son, Address Box 908, Arp, Tex

Elevation above sea level at top of casing _____ feet.

The information given is to be kept confidential until Jan 1st, 1941 19____.

OIL SANDS OR ZONES

No. 1, from 3263 to 3278 — No. 4, from _____ to _____

No. 2, from 3283 to 3290 — 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 No water Sands 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 FROM	PERFORATED TO	PURPOSE
12½	32		SS	17' 7"					
7"	20		SS	3125'	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
17"	12½	17'-7"	25	Halliburton		
9"	7"	3125	300	"		

NEW MEXICO OIL CONSERVATION COMMISSION
JUN 24 1939
RECEIVED

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
		Nitro Glycer	160 qts	12-19-38	3254 to 3303	3254 to 3303
		"	35	11-9-38	3252 to 3303	3252 to 3303

Results of shooting or chemical treatment No results

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 Surface feet to 3128' feet, and from _____ feet to _____ feet

Cable tools were used from 3128' feet to 3303 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing December 29th, 19 38

The production of the first 24 hours was 18 barrels of fluid of which 99% % was oil; _____ % emulsion; _____ % water; and 1% % sediment. Gravity, Be 37

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. I. Mills, Driller — Dick Ross, Driller

J. R. Cockburn Jr, 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 20th day of June, 19 39

James D. Pierce
Notary Public

My Commission expires May 31st, 1942

Arp Texas — Place — June 20th, 1939 — Date

Name Barney Cockburn

Position Partner

Representing Barney Cockburn & Son
Company or Operator

Address Box 908, Arp, Tex.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	20	20	Surface
20	63	43	Red Beds
63	265	202	Rock
265	382	117	Red Beds
382	468	86	Rock
468	630	162	Rock & Anhydrite
630	702	72	Anhydrite
702	1291	589	Salt & Anhydrite
1291	1580	289	Salt & Potash
1580	1870	290	Salt
1870	1890	20	Anhydrite
1890	1917	27	Anhydrite & Lime
1917	1980	63	Anhydrite
1980	2045	65	Lime
2045	2089	44	Lime & Anhydrite
2089	2105	16	Lime & Gyp
2105	2160	55	Anhydrite & Red Rock
2160	2380	220	Anhydrite
2380	2410	30	Anhydrite & Red Broken Rock
2410	2477	67	Anhydrite
2477	2507	30	" & Broken Lime
2507	2587	80	"
2587	2600	13	Sand (Dry)
2600	2615	15	Brown Lime
2615	2660	45	Anhydrite
2660	2687	27	Grey Lime
2687	2937	250	Lime
2937	2985	48	Anhydrite & Lime
2985	3004	19	Brown Lime
3004	3128	124	Lime
3128	3135	7	Anhydrite
3135	3150	15	Slate
3150	3176	26	Anhydrite
3176	3181	5	Hard brown Sandy Lime
3181	3211	30	Anhydrite
3211	3214	3	"
3214	3218	4	Gas Sand (Small show of gas)
3218	3257	39	Anhydrite
3257	3290	33	Red Oil Sand (Fairly saturated but tight)
3290	3303	13	Lime & Shells