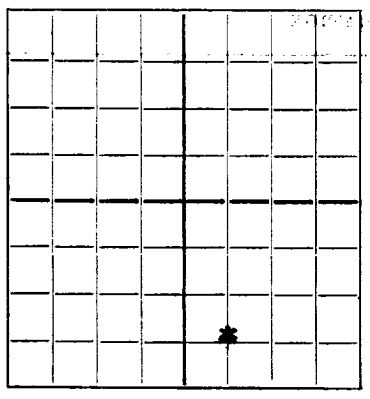
FORM C-105

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED
STATE LAND OFFICE
SEP 21 1936 PM

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 — Company or Operator
M Mattern — Lease

Well No. 1 in SE¼ of Sec. 7, T. 22 S.
R. 37 E., N. M. P. M., Eunice Field, Lea County.
Well is 660 feet ~~South~~ North of the ~~North~~ South line and 1980 feet west of the East line of SE¼ Sec 7,
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is H.T. Mattern, Address Unknown
If Government land the permittee is _____, Address _____
The Lessee is _____, Address _____
Drilling commenced 4-21- 1936. Drilling was completed 8-25- 1936
Name of drilling contractor Drilled by owner, Address _____
Elevation above sea level at top of casing 3427 feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 3622 to 3647 No. 4, from _____ to _____
No. 2, from _____ to _____ 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 _____ 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
8 1/4		10	2nd H.	1046					
6 5/8		10	New	3414	Float				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11 1/4	8 1/4	1045	300	Halliburton		165
6 5/8	6 5/8	3414	300	"		35

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
		Chemical-Acid	1000	6-26-36		

Results of shooting or chemical treatment Didivery little good in this case

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 150 feet to 3746 feet, and from _____ feet to _____ feet
Cable toops were used from 0 feet to 150 feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing 8-25-36, 19____
The production of the first 24 hours was 250 barrels of fluid of which 5 % was oil; _____ % emulsion; 95 % 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

Alton Henly, Driller _____, 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 18th day of September, 1936
Notary Public
My Commission expires May 31 — 38

Arp, Texas (Place) 9-16-36 (Date)
Name Barney Cockburn
Position Owner
Representing _____
Company or Operator.
Address Box 205, Arp, Texas.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	150	150	Cable Tools.
150	215	65	Red Beds
215	220	5	Hard Sand
220	394	174	Red Shale
394	398	4	Hard Sand
398	444	46	Sand & Shale
444	450	6	Hard Sand
450	510	60	Sticky Red Beds.
510	535	25	Sand & Shells
535	595	60	Red Beds
595	695	100	Hard Sand
695	700	5	Rock
700	735	35	Hard Sand
735	745	10	Red Shale
745	780	35	Hard Shale
780	815	35	Sand & Shells
815	875	60	Hard Shale
875	890	15	Sticky Shale
890	935	45	Sand & Shells
935	995	60	Red Hard Shale
995	1025	30	Sand & Rock
1025	1093	68	Anhydrite
1093	1150	57	Salt
1150	1160	10	Red Bed
1160	1345	185	Salt
1345	1360	15	Anhydrite
1360	1460	100	Salt
1460	1471	11	Anhydrite
1471	1510	39	Salt
1510	1515	5	Anhydrite
1515	1600	85	Salt & Shells
1600	1775	175	Salt
1775	1786	11	Anhydrite
1786	2394	608	Salt
2394	2602	208	Anhydrite
2602	2658	56	" & Gyp
2658	2978	320	"
2978	3026	48	" & Gyp
3026	3216	190	"
3216	3240	24	" & Hard Sand
3240	3256	16	"
3256	3282	26	" & Gyp.
3282	3308	26	" & Hard Sand.
3308	3326	14	"
3326	3386	60	Sandy Lime
3387	3419	32	Broken Sand & Lime
3419	3449	30	Lime (oil Stain)
3449	3487	38	Sand
3487	3587	100	Lime
3587	3601	14	" & breaks of Sand
3601	3622	21	Lime
3622	3647	25	Hard Lime
3647	3652	5	Anhydrite
3652	3657	5	Lime
3657	3687	30	Sandy Lime
3687	3707	20	Hard Lime
3707	3712	5	Sandy Lime
3712	3727	15	Broken Lime (Sandy).
3727	3746	13	