



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

LOCAL OFFICE 000

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE.

BARNEY COCKBURN,

(Company or Operator)

Cockburn-Magnolia State,

(Lease)

Well No. 1, in NE 1/4 of NE 1/4, of Sec. 16, T. 18, R. 33, NMPM.

Undesignated

Pool,

Lea

County.

Well is 660 feet from North line and 660 feet from East line

of Section 16-18-33. If State Land the Oil and Gas Lease No. is E 792

Drilling Commenced January 21, 1955. Drilling was Completed March 13, 1955, 19

Name of Drilling Contractor Sumner & Sumner

Address Artesia, N. M.

Elevation above sea level at Top of Tubing Head 3882. The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from to 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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
10"		New	235'	Baker			
8 5/8"	24	New	1570'	Baker			
5 1/2"	14	New	4262'	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
10 3/4"	10"	235'	100	Halliburton		
9 "	8 5/8"	1570'	50	Halliburton		
6 1/2"	5 1/2"	4267'	100	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

15,000 pounds Sand and 15,000 gallons Frac Oil was used to fracture well.

Result of Production Stimulation

Depth Cleaned Out

# RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special test or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to 1570 feet, and from feet to feet.  
Cable tools were used from 1570 feet to 4307 feet, and from feet to feet.

## PRODUCTION

Put to Producing March 13, 1955

OIL WELL: The production during the first 24 hours was 48 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity.

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico			Northwestern New Mexico		
T. Anhy.	1555		T. Devonian		T. Ojo Alamo
T. Salt	1800		T. Silurian		T. Kirtland-Fruitland
B. Salt	2835		T. Montoya		T. Farmington
T. Yates			T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen	4302		T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres			T. Granite		T. Dakota
T. Glorieta			T.		T. Morrison
T. Drinkard			T.		T. Penn
T. Tubbs			T.		T.
T. Abo			T.		T.
T. Penn			T.		T.
T. Miss			T.		T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	235	235	Red Bed Shell	3935	3960	25	Lime
235	601	366	" " " Sand	3960	4095	135	Anhy
601	1550	949	Red Sand Gyp	4095	4115	20	Anhy Lime Shell
1550	1555	5	Red Bed	4115	4135	20	Gray Lime
1555	1570	15	Anhy	4135	4220	85	Anhy
1570	1705	135	Anhy	4220	4225	5	Sandy
1705	1745	40	Red Bed	4225	4247	22	Red Sand
1745	1800	55	Red Rock	4247	4260	13	Red Sand
1800	1845	45	Salt	4260	4262	2	Gray Sand
1845	1855	10	Red Rock	4262	4280	18	Red Sand
1855	2620	765	Salt	4280	4286	6	Lime
2620	2650	30	Anhy	4286	4292	6	Sand
2650	2835	185	Salt	4292	4302	10	Anhy
2835	2940	105	Anhy	4302	4307	5	Sand and Lime
2940	2960	20	Lime		TD		
2960	2965	5	Shale				
2965	3465	500	Anhy				
3465	3485	20	Yates				
3485	3495	10	Sand				
3495	3520	25	Anhy				
3520	3575	55	Lime				
3575	3625	50	Anhy Gray Lime Shells				
3625	3645	20	Lime				
3645	3670	25	Anhy Lime Shell				
3670	3715	45	Lime				
3715	3935	220	Anhy Lime				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

March 30, 1955

Company or Operator Barney Cockburn  
Name

Address P. O. Box 105, Artesia, New Mexico  
Position or Title Agent