



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

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. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

RALPH NIX & JERRY CURTIS (Company or Operator) **GULF STATE "C"** (Lease)

Well No. **1**, in **SE** 1/4 of **SW** 1/4, of Sec. **19**, T. **18S**, R. **28E**, NMPM.

ARTESIA Pool, **EDDY** County.

Well is **3300** feet from **EAST** line and **990** feet from **SOUTH** line

of Section **19**. If State Land the Oil and Gas Lease No. is **B-11595**

Drilling Commenced **2-15**, 19 **58**. Drilling was Completed **3-18**, 19 **58**.

Name of Drilling Contractor **ROACH & SHEPARD**

Address **BOX 1097 ARTESIA, NEW MEXICO**

Elevation above sea level at **GROUND LEVEL** **3567**. The information given is to be kept confidential until _____, 19____.

OIL SANDS OR ZONES

No. 1, from **1986** to **94**. No. 4, from **2138** to **46**

No. 2, from **2048** to **55**. No. 5, from _____ to _____

No. 3, from **2094** to **2104**. 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 **170** to **175** feet. **10 G.M.P.H.**

No. 2, from **360** to **370** feet. **100' WATER IN HOLE**

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"		USED	227'		227'		TO SHUT OFF CAVE
8 5/8"	28 #	USED	471'				TO SHUT OFF WATER
5 1/2"	15 1/2#	NEW	2275'	FLOAT		1986-94, 2048-55, 2094-2104, 2138-46	PRODUCTION

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"	8 5/8"	471'				20 SACK
5 1/2"	15 1/2"	2275'	100	D. S. CO.		

RECORD OF PRODUCTION AND STIMULATION

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

FRACKED 2094-2104 AND 2138-2146 WITH 33,000 GALLONS LOAD OIL AND 37,000# SAND

FRACKED 1986-94 AND 2048-55 WITH 41,500 GALLONS LOAD OIL AND 30,000# SAND

Result of Production Stimulation **WELL PUMPED 22 BARRELS OF OIL AND 6 BARRELS OF SALT WATER PER DAY**

AFTER **LOAD OIL WAS RECOVERED.**

Depth Cleaned Out **2080'**

T.D.T. -
 Brown lime 2282
 Dark Gray lime 2282
 Gray lime 2282
 White lime 2282
 Pink and White lime 2282
 Pink sandy lime 2282
 Pink broken lime - sandy 2282
 Sandy lime 2282
 Silty 2282

RECEIVED
 DISTRICT OFFICE
 OIL CONSERVATION COMMISSION

LOG 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 feet to feet, and from feet to feet.
 Cable tools were used from 0 feet to 2283' feet, and from feet to feet.

PRODUCTION

Put to Producing 6-7 19 58

OIL WELL: The production during the first 24 hours was 28 barrels of liquid of which 75 % was
 was oil; % was emulsion; 25 % 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..... | T. Devonian..... | T. Ojo Alamo..... |
| T. Salt..... | T. Silurian..... | T. Kirtland-Fruitland..... |
| B. Salt..... | T. Montoya..... | T. Farmington..... |
| T. Yates..... | T. Simpson..... | T. Pictured Cliffs..... |
| T. 7 Rivers..... | T. McKee..... | T. Menefee..... |
| T. Queen 1134..... | T. Ellenburger..... | T. Point Lookout..... |
| T. Grayburg..... | T. Gr. Wash..... | T. Mancos..... |
| T. San Andres 2144..... | 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	FORMATION
0	10	Caliche
10	140	Shale
140	175	Sand (170' - 175') 10 Gallons Water Per Hour)
175	340	Red Bed
340	370	Sand (Water Raised 100' in hole from 360-70)
370	550	Anhydrite
550	905	Anhydrite and Red Bed
905	925	Lime
925	1440	Anhydrite and Red Bed
1440	1460	Red Sand
1460	1590	Anhydrite
1590	1601	Lime
1601	1740	Anhydrite and Broken Lime
1740	1792	Red Sandy Anhydrite
1792	1800	Brown Lime
1800	1853	Gray Lime
1853	1875	Lime
1875	1890	Gray Sandy Lime
1890	1952	Gray Lime
1952	1971	Lime
1971	1988	Gray Sandy Lime (Tested 1 Hour 1 1/2 Gallons Oil)
1988	2002	Brown Lime
2002	2034	Lime
2034	2049	Gray Lime-Sandy
2049	2054	Sand (Tested 1 Hour 8 Gallons Oil - Increase in Gas)
2054	2065	Sandy Lime
2065	2074	Gray Sandy Lime
2074	2085	Gray Lime
2085	2095	Lime and Sand
2095	2101	Gray Sand
2101	2106	Gray Lime
2106	2112	Sand
2112	2116	Gray Lime
2116	2119	Sandy Lime
2119	2125	Pink Broken Lime - Sandy
2125	2129	Pink Sandy Lime
2129	2160	Pink and White Lime
2160	2217	White Lime
2217	2251	Gray Lime
2251	2263	Dark Gray Lime
2263	2283	Brown Lime
2283	-	T.D.

Permanent Fringe Log Set At 2000'.

2283' OIL
 DEVIATION 00 W/1000'