



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Southern Union Gas Company **Candelaria**
Well No. **1**, in **NE** $\frac{1}{4}$ of **SW** $\frac{1}{4}$ of Sec. **9**, T. **29 North**, R. **7 West**, NMPM.
Blanco Pool, **Rio Arriba** County.
Well is **1690** feet from **South** line and **1690** feet from **West** line of Section **9**. If State Land the Oil and Gas Lease No. is _____
Drilling Commenced **June 12, 1953**, 19____. Drilling was Completed **July 18, 1953**, 19____
Name of Drilling Contractor **Gardner Brothers Drilling Co.**
Address **Republic Bank Bldg., Dallas, Texas**
Elevation above sea level at Top of Tubing Head **6192' DP**. The information given is to be kept confidential until **not confidential**, 19____.

OIL SANDS OR ZONES

No. 1, from **4741' G** to **5282'** 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
9-5/8	31.03	New	215'				Surface
7"	30'	"	4695.55				Production
2-3/8"	4.37'	"	5154' tubing				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY
12-3/4	9-5/8	213	185		
8-3/4	7"	4696	225		

RECORD OF PRODUCTION AND STIMULATION

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

Well was shot with 1660 Q of nitro glycerine from 4732 to 5410'
Well tested 85 MCF before shot; 1210 MCF when closed in at 3:30 P.M. on 7/18/53, and 3540 MCF on 3 hour test 12 days later
Result of Production Stimulation **see above**
Depth Cleaned Out **5410'**



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 4665 feet, and from feet to feet.
Cable tools were used from 4665 feet to 5430 feet, and from feet to feet.

PRODUCTION

Put to Producing, 19.

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

GAS WELL: The production during the first 24 hours was 3540 MCF/24 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure 3060 lbs.

Length of Time Shut in 12 days

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 3012
T. 7 Rivers	T. McKee	T. Menefee
T. Queen	T. Ellenburger	T. Point Lookout 5143
T. Grayburg	T. Gr. Wash	T. Mancos 5302
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T.	T. Morrison
T. Drinkard	T.	T. Penn
T. Tubbs	T.	T. Cliff House 4741
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	290	290	Sand and shale				
290	690	400	Sand				
690	2237	1547	Sand and shale				
2237	2400	163	Shale				
2400	2999	599	Sand and shale				
2999	4266	1267	Shale				
4266	4332	66	Sand and shale				
4332	4445	113	Shale				
4445	4665	220	Sand and shale				
4665	4795	130	Sand and shale				
4795	5140	345	Sand and shale				
5140	5335	195	Sand				
5335	5430	95	Sand and shale				

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.

August 4, 1953 (Date)
Company or Operator SOUTHERN UNION GAS COMPANY Address Bart Bldg., Dallas 1, Texas
Name L. N. Wicks Position or Title Reservoir Engineer