


Section 3

DUPLICATE

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE OCC

WELL RECORD

1956 APR 10

AM 10:27

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.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

Southern Union Gas Company

(Company or Operator)

Superior State

(Lease)

Well No. 1, in NW  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , of Sec. 3, T. 16-S, R. 35-E, NMPM.

Townsend Wolfcamp

Pool,

Lea

County.

Well is 3606.1 feet from North line and 1993.8 feet from East lineof Section 3. If State Land the Oil and Gas Lease No. is B-10629Drilling Commenced 1-27-, 1956 Drilling was Completed 3-30-, 1956Name of Drilling Contractor Alven Drilling & Exploration Co., Box 201, San Angelo, Texas,Address and, Oil States Drilling Co., First National Bank Bldg., Dallas, TexasElevation above sea level at Top of Tubing Head 4000 GL. The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from 10,456' to 10,476' (0) 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
13-3/8"	48#	New	360'				Surface
8-5/8"	32#	New	4660.06'				Intermediate
5-1/2"	15.5#	New	10,523'			10,456 to 476'	Production
2"	4.7#	New	10,479'				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2"	13-3/8"	377'	350	Halliburton		
11"	8-5/8"	4652'	2600'	Halliburton		
7-7/8"	5-1/2"	10,522'	300'	Halliburton		

## RECORD OF PRODUCTION AND STIMULATION

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

Treated perforations with 500 gals. mud acid and 4000 gals. Howell Jel'x 100 Acid.Result of Production Stimulation Produced at rate 25 bbls. hour with 1200 to 1 GORDepth Cleaned Out 10,491'

1 ORD OF DRILL-STEM AND SPECIAL TES

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

TOOLS USED

Rotary tools were used from -0- feet to 11,000 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing April 7, 1956  
OIL WELL: The production during the first 24 hours was 600 barrels of liquid of which 100 % was  
was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I.  
Gravity. 41°  
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			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	7335		T.		T.
T. Abo	7970		T.		T.
T. Penn	10,630		T.		T.
T. Miss			T.		T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
-0-	381	381	Red Bed				
381	1183	802	Red Bed & Shells				
1183	1565	382	Red Bed				
1565	2286	721	Anhy. & sand				
2286	2855	569	Anhy. & salt				
2855	2985	130	Salt, Anhy. & Gyp.				
2985	3353	368	Anhy.				
3353	4600	1247	Anhy. & Gyp.				
4600	5865	1265	Lime				
5865	5932	67	Sandy Lime				
5932	8040	2108	Lime				
8040	8385	345	Lime & shale				
8385	10,107	1722	Lime				
10,107	10,198	91	Lime & chert				
10,198	10,300	102	Lime & shale				
10,300	10,615	315	Lime				
10,615	10,626	11	Lime & chert				
10,626	10,635	9	Lime & shale				
10,635	10,800	165	Lime				
10,800	10,833	33	Lime & shale				
10,833	10,881	48	Shale				
10,881	10,898	17	Shale & Lime				
10,898	11,000	100	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.

April 9, 1956

(Date)

Company or Operator Southern Union Gas Company  
Original Signed By

Address 1001 Burt Bldg., Dallas, Texas

Name A. M. WIEDERKEHR A.M. Wiederkehr

Position or Title Manager, Exploration Dept.