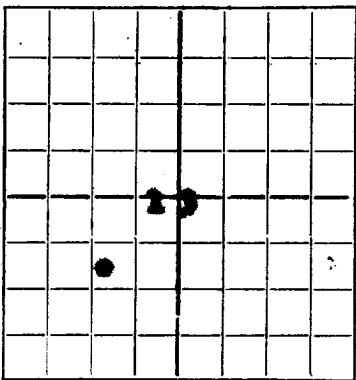


N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



AREA 640 ACRES  
LOCATE WELL CORRECTLY

## WELL RECORD

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.

Southern Union Gas Company, 1104 East 12th St., Dallas, Texas  
Company or Operator Lease  
Randolph Well No. 1 in NE 1/4 of Sec. 13, T. 11 North  
R. 11 West, N. M. P. M., Blanco-LaPlata Field, San Juan County County.  
Well is 1730 feet North of the 1/4 line and 1400 feet East of the 1/4 line of Section 13  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is Frank & Irvin Randolph, Address Astoria, New Mexico  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is Southern Union Gas Company, Address Dallas, Texas  
Drilling commenced September 20, 1931 19 \_\_\_\_ Drilling was completed November 7, 19 31  
Name of drilling contractor Reagan Drilling Co. (Betsy), Address Nichita Falls, Texas  
Elevation above sea level at top of casing 5735 (G) feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_

## OIL SANDS OR ZONES

No. 1, from 4496 (G) to 4900 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 TO	PURPOSE
<u>10-3/4"</u>	<u>45.50</u>		<u>Reagan</u>	<u>204'</u>				<u>Surface</u>
<u>9 1/2" O.D. 1 1/2"</u>			<u>3-95</u>	<u>4097-98'</u>				<u>Production</u>
<u>8" tubing</u>			<u>4.75</u>	<u>4935'</u>				

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>10 3/4"</u>	<u>10 3/4"</u>	<u>204'</u>	<u>75</u>			
<u>9 1/2"</u>	<u>9 1/2"</u>	<u>4029</u>	<u>235</u>			

## 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
		<u>Nitro Glycerine</u>	<u>900 qts.</u>	<u>11/3/31</u>	<u>4496-4900</u>	<u>4900'</u>

Results of shooting or chemical treatment Tested 140 MCF at 4919', and 5040 MCF on 11/23/31 on  
a 6 hour test.

## 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 4619 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from 4619 feet to 4900 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

## PRODUCTION

Put to producing \_\_\_\_\_, 19 \_\_\_\_  
The production of the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, Be \_\_\_\_\_  
If gas well, cu. ft. per 24 hours C.F. 5040 MCF Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. 1044'

## EMPLOYEES

R. T. Cornelison, Driller Wayne Anderson, Driller  
E. E. Lehman, 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.

Dallas, Texas November 28, 1931  
Name Robert B. McConnell  
Position Geologist  
Representing SOUTHERN UNION GAS COMPANY  
Company or Operator.  
Address 1104 East 12th St., Dallas, Texas

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	219	229	Sand
219	1335	1124	Sand and shale
1335	2043	708	Shale
1901	2560	379	Sand and shale
2560	2567	187	Sand, sand and shale
2567	3650	1083	Shale
3650	3692	42	Shale and sand
3692	3995	303	Shale
3995	3611	614	Sand and shale
3611	2640	99	Sand
4440	4440	20	Sand and shale
4440	4700	260	Sand
4700	4790	10	Sand and shale
4790	4800	10	Sand
4800	4820	10	Sand and shale
4820	4840	30	Sand
4840	4915	75	Sand and shale
4915	4990	35	Sand
4990	4900 T.D.	30	Sand and shale
Geological Description			
Top Pictured Cliff		2624	
Top CLIFF House		4090	
Top House		4875	
Top Point Lookout (cont)		4485	- PRODUCE ZONE - Point Lookout