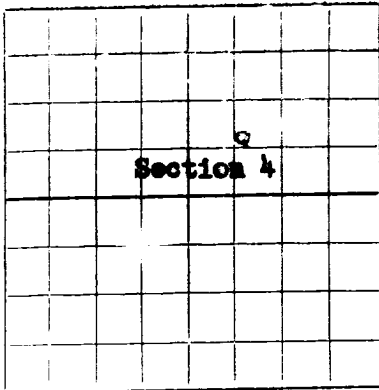




NEW MEXICO OIL CONSERVATION COMMISSION

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Southern Union Gas Company

Randel State

(Company or Operator)

(Lease)

Well No. 1, in SW $\frac{1}{4}$ of NE $\frac{1}{4}$ of Sec. 4, T. 17-S, R. 28-E, NMPM.
Red Lake Udvalg (Vandaguff Keys) Eddy Pool, County.

Well is 1980 feet from South 2nd line and 1980 feet from West 2nd line
of Section 4. If State Land the Oil and Gas Lease No. is E-374-1

Drilling Commenced April 4, 1955 Drilling was Completed May 16, 1955

Name of Drilling Contractor Kersey & Company Drilling ContractorsAddress P. O. Box 305 Artesia, New Mexico

Elevation above sea level at Top of Tubing Head 3521 The information given is to be kept confidential until
19

OIL SANDS OR ZONES

No. 1, from 1313 to 1379 (G) 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 212 to 220 feet. (Water Sand)
No. 2, from 40 to feet.
No. 3, from 400 to feet.
No. 4, from 1088 to 1089 feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"		new	62'		pulled	-	surface
10 3/4"		"	426'		"	-	intermediate
8 5/8"	32#	"	1243'		"	-	intermediate
5 1/2"	15.5#	"	1313		Cemented	open hole	production string
1"			1344'				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	5 1/2"	1313'	800 sacks	Howco formation		
			1:1 pozmix	packer shoe		
			cemented to			
			surface			

RECORD OF PRODUCTION AND STIMULATION

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

Sand oil fraced 1313 feet to 1379 feet with 15,000 gallons oil and 15,900# sand.

Maximum pressure 1450# minimum 1300#. Final pressure 750# Injection rate 31.1 bbls.
per minute. Total Depth 2503 - Plug Back Depth 1379.

Result of Production Stimulation

Depth Cleaned Out

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 **2503** 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 **2500** M.C.F. plus.....barrels of
 liquid Hydrocarbon. Shut in Pressure **339#** lbs.
10 days
 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.....	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-	43	43	Clay, Sand & Gravel	840	859	19	Red Rock & Anhydrite
43	50	7	Gravel	859	885	26	Anhydrite
50	70	20	Clay & Gravel	885	898	13	Red Rock
70	150	80	Gypsum & Red Beds	898	935	37	Anhydrite & Red Rock
150	160	10	Anhydrite	935	945	10	Anhydrite
160	190	30	Red Beds & Gypsum	945	960	25	Lime & anhydrite
190	350	160	Anhydrite	960	1060	100	Anhydrite
350	355	5	Gray Sand	1060	1080	20	Anhydrite & Red Rock
355	375	20	Red Beds	1080	1115	35	Red Sand
375	385	10	Red Sand	1115	1130	15	Anhydrite & Lime
385	395	10	Red Beds	1130	1140	10	Red Rock & Anhydrite
395	410	15	Gravel	1140	1205	65	Anhydrite & Lime
410	419	9	Anhydrite	1205	1225	20	Anhydrite & Salt
419	425	6	Red Sand & Red Beds	1225	1233	8	Gray Lime & Anhydrite'
425	435	10	Anhydrite	1233	1235	2	Anhydrite & Red Shale
435	440	5	Red Beds	1235	1248	13	Gray Lime
440	465	5	Red Beds & Anhydrite	1248	1275	27	Pink Lime & Anhydrite
465	477	8	Anhydrite & Red Rock	1275	1310	35	Anhydrite (Sandy)
477	485	8	Lime & Anhydrite	1310	1335	25	Lime & Anhydrite
485	535	50	Anhydrite	1335	1358	23	Gray Sand
535	570	35	Anhydrite & Sand Red Rock	1358	1375	17	Sandy anhydrite
570	610	40	Anhydrite	1375	1445	70	Sand & Anhydrite'
610	630	20	Anhydrite & Lime	1445	1457	12	Red Sand & Pink Lime
630	680	50	Anhydrite & Lime shells	1457	1465	8	Pink Lime
680	690	10	Gray Lime	1465	1475	10	Anhydrite - pink lime
690	840	150	Anhydrite & Lime	1475	1520	45	Red Sand & Anhydrite

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.

June 3, 1955

Company or Operator **Southern Union Gas Company**
 Name *Paul J. Clote*
Paul J. Clote

(Date)
 Address **1001 Burt Building, Dallas 1, Texas**
 Position or Title **Petroleum Engineer**