

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
(Company or Operator)

Patterson
(Lease)

Well No. **2**, in **SW** 1/4 of **NW** 1/4, of Sec. **2**, T. **31-N**, R. **12-W**, NMPM.

Flanob

Pool,

San Juan

County.

Well is **1690'** feet from **North** line and **990'** feet from **West** line

of Section **2**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **5-9-**, 19**54** Drilling was Completed **6-1-**, 19**54**

Name of Drilling Contractor **H. F. Lynn Drilling Corporation**

Address **P. O. Box 446 - Farmington, New Mexico**

Elevation above sea level at Top of Tubing Head **4320' GL** The information given is **not** to be kept confidential until

OIL SANDS OR ZONES

No. 1, from **5058** to **5320 TD** 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
2-5/8"	36	new	196'				Surface
7"	20 & 23	new	5075'				Production
2-3/8"	4.70	new	5166'				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-1/4"	2-5/8"	194' (GL)	110	Halliburton		
2-1/4"	7"	5046' (GL)	200	"		
	2-1/8"	5133'				

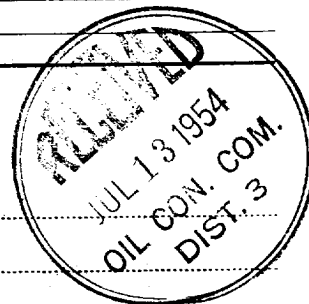
RECORD OF PRODUCTION AND STIMULATION

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

Sand Oil treated well with 4,000' sand and 10,000 gals. oil - interval: 5058-5320'.

Result of Production Stimulation

Depth Cleaned Out **5310'**



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 5310 feet, and from feet to feet.
Cable tools were used from feet to 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 2974.3 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure 1079 lbs.

Length of Time Shut in 30 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 2785	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen	T. Ellenburger	T. Point Lookout 5090	
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	215	215	sand and clay	<div>OIL CONSERVATION COMMISSION AZTEC DISTRICT OFFICE No. Copies Received 4 DISTRIBUTION NO. FURNISHED Operator 2 Santa Fe 1 Proration Office State Land Office U. S. G. S. Transporter File 1</div>			
215	395	680	sand and shale				
395	2560	795	shale				
2560	2810	250	coal and shale				
2810	4010	1200	shale				
4010	4090	80	Hard, dry, sandy shale				
4090	4134	44	sand and shale				
4134	4187	53	hard shale				
4187	4515	328	shale				
4515	4532	17	hard sand and shale				
4532	4572	40	sand and shale				
4572	4610	38	shale				
4610	4632	22	sand, coal, and shale				
4632	4660	28	sand and shale				
4660	4669	9	hard shale				
4669	4731	62	shale				
4731	5098	327	sand and shale				
5098	5310	2152	sand				

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.

Original Signed By
A. M. WIEDERKEHR 7-7-54 (Date)

Company or Operator SOUTHERN UNION GAS COMPANY Address 1001 Bart Building - Dallas, Texas
Name Position or Title Manager Exploration Department