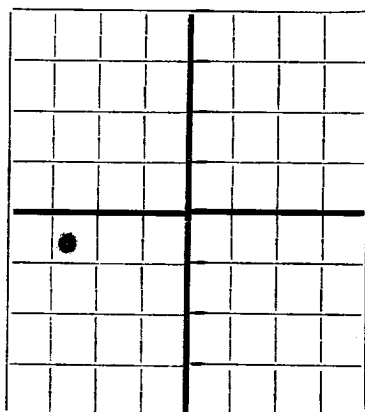


N

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Southern Union Gas Company **1104 Hurt Building** **Dallas, Texas**
Company or Operator Address
Barnhart Well No. **1** in **804** of Sec. **17**, T. **29-N.**
Lease
R. **Allen**, N. M. P. M. **Fulcher Basin** Field, **San Juan** County.
Well is **2310'** feet **500'** of the **South** line and **990'** feet **East** of the **East** line of **Section 17**
If State land the oil and gas lease is No. _____ Assignment No. _____
If patented land the owner is **W. H. Barnhart (1/4th of 1/2)**, Address **Astoria, New Mexico**
If Government land the permittee is _____, Address _____
The Lessee is **L. G. Stearns**, Address **Astoria, New Mexico**
Drilling commenced **August 23,** 19**50** Drilling was completed **October 2,** 19**50**
Name of drilling contractor **Stearns Drilling Company**, Address **Astoria, New Mexico**
Elevation above sea level at top of casing **5972 G.A.L.** feet.
The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from _____ to _____ 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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
10-3/4"				400'					Surface
8-5/8"				1194'					Drilling
5-1/2"				1720'					Producing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
	10-3/4"	400'	none used.			
	8-5/8"	1194'	none used.			
	5-1/2"	1720'	30	Kellybenton		

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
		Nitroglycerine	230 qts.	9-30-50	1720-1818	1818

Results of shooting or chemical treatment **Gas test 28% natural, after shot tested 98% MEF.**

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from **0** feet to **1818'** 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 **986 MEF** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **472 #**

EMPLOYEES

Stearns Drilling Company - Contractor Driller **for Cable Tools**, Driller _____

_____, 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.

Subscribed and sworn to before me this **17 th**day of **November**, 19 **50****Marcellus A. Roberts**
Notary PublicMy Commission expires **6-1-51****Dallas, Texas**Name **S. H. Newman** Date _____Position **Engineer**Representing **Southern Union Gas Company**

Company or Operator

Address **1104 Hurt Building - Dallas, Texas**

FROM	TO	THICKNESS IN FEET	FORMATION
0	35	35	Gray Sand
35	55	20	Clay
55	80	25	Blue Shale
80	120	40	Sand & Shale
120	147	27	Shale
147	157	10	Water Sand
157	198	41	Shale
198	212	14	Hard Sand
212	400	188	Shale
400	430	30	Sand & Shale
430	537	107	Sand
537	590	53	Shale
590	780	230	Sandy Shale
780	835	75	Shale
835	890	35	Sand & Shale
890	920	30	Shale
920	975	55	Sandy Shale
975	1005	30	Shale
1005	1025	20	Sandy Shale
1025	1030	25	Shale
1030	1070	20	Sand
1070	1090	20	Sandy Shale
1090	1100	10	Sand & Shale
1100	1110	10	Shale
1110	1165	55	Sandy Shale
1165	1195	30	Shale
1195	1290	95	Sandy Shale
1290	1430	160	Shale
1430	1485	35	Dark Shale
1485	1490	5	Sand
1490	1495	5	Shale, Some Coal
1495	1505	10	Coal
1505	1535	30	Shale
1535	1545	10	Sandy Shale
1545	1555	10	Sand-Show of Gas
1555	1570	15	Shale
1570	1585	15	Brown Shale & Coal
1585	1640	55	Shale
1640	1660	20	Shale-Grey & Black
1660	1665	5	Coal
1665	1715	50	Shale -- Top Pictured Cliff 1714' (✓ 1957)
1715	1725	10	Picture Cliff Sand
1725	1818	20	Sand