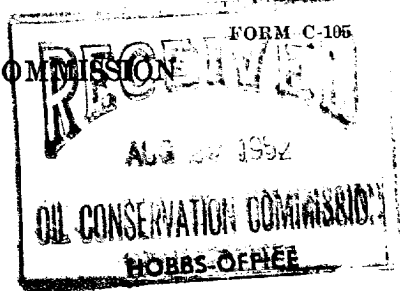


DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico



Grid for well location coordinates

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.

AREA 640 ACRES LOCATE WELL CORRECTLY

Southern Union Gas Company
Williams Well No. 1 in NW NE of Sec. 33, T. 19S, R. 37E, N. M. P. M., Monument Field, Lea County.
Well is 990 feet south of the North line and 1650 feet west of the East line of Sec 33-19S-37E
If State land the oil and gas lease is No. Assignment No.
If patented land the owner is Williams Estate, Address
If Government land the permittee is, Address
The Lessee is Southern Union Gas Co., Address Dallas, Texas
Drilling commenced 7-14-52 19 Drilling was completed 8-9-52 19
Name of drilling contractor Makin Drilling Co., Address Hobbs, N.M.
Western Drilling Co., Address Lubbock, Tex.
Elevation above sea level at 3584 feet. Elev. top 5 1/2" csg. 3578
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from Gas 3611- to 3647 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

Table with columns: SIZE, WEIGHT PER FOOT, THREADS PER INCH, MAKE, AMOUNT, KIND OF SHOE, CUT & FILLED FROM, PERFORATED FROM TO, PURPOSE. Includes entries for 5 1/2" 17# 8 New 3527 Float, 8-5/8 28.55# 8 New 207 Guide, and 2" LUE 4.70 8 New 3648 Tubing.

MUDDING AND CEMENTING RECORD

Table with columns: SIZE OF HOLE, SIZE OF CASING, WHERE SET, NO. SACKS OF CEMENT, METHOD USED, MUD GRAVITY, AMOUNT OF MUD USED. Includes entries for 12 1/4 8-5/8 215 150 Halliburton and 7-7/8 5 1/2 3498 1200.

PLUGS AND ADAPTERS

Heaving plug--Material Length Depth Set
Adapters--Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

Table with columns: SIZE, SHELL USED, EXPLOSIVE OR CHEMICAL USED, QUANTITY, DATE, DEPTH SHOT OR TREATED, DEPTH CLEANED OUT. Entry: None.

Results of shooting or chemical treatment

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 3510 feet, and from feet to feet.
Cable tools were used from 3510 feet to 3647 feet, and from feet to feet.

PRODUCTION

Put to producing 19 Shut-in awaiting pipeline connection
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 1280 MCF/D AOF Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in. 1032 psi Well head shut-in 72 hrs.

EMPLOYEES

Contractor Driller 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.

Hobbs, N.M. 8-19-52
Name [Signature] Engineer
Representing Southern Union Gas Co., PO Box 864, Hobbs, N.M.
Address Hobbs, N.M.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
<u>DRILLER'S LOG</u>			
0	225	225	Red beds and surface sands
225	747	522	Red beds
747	1330	583	Red beds and anhydrite
1330	1450	120	Anhydrite
1450	2640	1190	Salt
2640	3510	870	Lime and anhydrite
3510	3526	16	Brown lime
3526	3611	85	Gray lime
3611	3647	36	Lime and sand
<u>GEOLOGICAL TOPS</u>			
Top Anhydrite	-	1330	
Base Salt	-	2535	
Top Yates	-	2691	
Top Queen	-	3526	
Top Penrose	-	3611	