

N.

A 10x10 grid with a dot at the intersection of the 1st column and 9th row, labeled with the number 2.

NUMBER OF COPIES RECEIVED			
DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL GA3		
PRORATION OFFICE			
OPERATOR			

AREA 640 ACRES
LOCATE WELL, CORRECTLY.

(Leave)

(Company or Operator)

Undesignated

..Pool,

Lea

County.

of Section 8 If State Land the Oil and Gas Lease No. is.....

Name of Drilling Contractor.....Leatherwood Drilling Company.....

Address Drawer "N", Kermit, Texas 79745

Elevation above sea level at Top of Tubing Head..... 3493, 3503 KB The information given is to be kept confidential until
May 5 19 72

No. 1, from 3733 to 3812 No. 4, from.....to.....

No. 2, from 4096 to 4130 Gas No. 5, from to

No. 3, from.....to..... No. 6, from.....to.....

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.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8	23	New	1236	Guide & FC	--	--	Surface String
5-1/2	15.5 & 17	Used	4442	Guide & FC	--	4096-4130	Production String
						1 shot/ft.	

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8-5/8	1236	380	Pump & Plug	9.3#	--
7-7/8	5-1/2	4442	350	Pump & Plug	9.9#	--

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

Acidized 4096'-4130' w/250 gals. of mud acid and 1500 gals. of 15% NE acid @ 3 BPM.

Fm. broke @ 1400 psi. Max. press. 2400 psi, min. press. 1400 psi; used 40 perf ball

sealers. ISIP 200 psi; vac. in 2 min.

Result of Production Stimulation AOF of gas well: 13,750 MCF/Day

Depth Cleaned Out.....4379'

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 4446 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing April 7, 1972; now SI waiting on connection.

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 13,750 M.C.F. plus AOF See Attached
liquid Hydrocarbon. Shut in Pressure 1221 lbs. 1372 psi BHP Form C-122
Length of Time Shut in 38 Hrs.

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico

T. Anhy 1275
T. Salt
B. Salt
T. Yates 2650
T. 7 Rivers
T. Queen 3424 Penrose 3532
T. Grayburg 3700
T. San Andres 4040
T. Glorieta
T. Drinkard
T. Tubbs
T. Abo
T. Penn
T. Miss

T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T.
T.
T.
T.
T.
T.

Northwestern New Mexico

T. Ojo Alamo
T. Kirtland-Fruitland
T. Farmington
T. Pictured Cliffs
T. Menefee
T. Point Lookout
T. Mancos
T. Dakota
T. Morrison
T. Penn
T.
T.
T.
T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	195	195	Sand - Rock	3983	3992		Dolomite & Shale
195	601		Red Beds	3992	4446		Dolomite
601	1208		Red Beds - Anhydrite				
1208	1300		Anhydrite				
1300	2669		Anhydrite & Salt				
2669	2839		Anhydrite				
2839	2928		Anhydrite & Sand				
2928	3096		Anhydrite				
3096	3198		Lime				
3198	3460		Lime & Anhydrite				
3460	3710		Lime				
3710	3743		Dolomite				
3743	3746		Silty Dolomite & Shale				
3746	3761		Dolomite				
3761	3764		Silty Dolomite & Shale				
3764	3774		Dolomite				
3774	3781		Silty Dolomite & Shale				
3781	3836		Dolomite				
3836	3841		Sand				
3841	3879		Dolomite				
3879	3881		Sand				
3881	3909		Dolomite				
3909	3916		Sand				
3916	3981		Dolomite				
3981	3983		Shale & 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.

Company or Operator. SOHIO PETROLEUM COMPANY

Name. ROY C. GOULD

April 27, 1972
(Date)

Address. Box 3167, Midland, Texas 79701

Position or Title. DISTRICT ENGINEER