

Santa Fe, New Mexico

WELL RECORD

AREA 640 ACRES
LOCATE WELL CORRECTLY

Western Drilling Company of Longview, Texas
(Company or Operator)

Gulf Federal

(Lease)

Well No. 1, in SW $\frac{1}{4}$ of SE $\frac{1}{4}$, of Sec. 29, T. 9S, R. 38E, NMPM.

Sanger San Andres Pool, Lea County

Well is 660 feet from South line and 1980 feet from East line

of Section 29 If State Land the Oil and Gas Lease No. is _____

Drilling Commenced February 2, 19 60 Drilling was Completed February 18, 19 60

Name of Drilling Contractor..Western Service Drilling Company, Inc.

Address..... **Box 1392, Longview, Texas**

Elevation above sea level at Top of Tubing Head.....3931'..... The information given is to be kept confidential until
.....March 30..... 19 60.....

No. 1, from 4898! to 5000! No. 4, from _____ to _____

No. 2, from.....to..... No. 5, from.....to.....

No. 3, from.....to..... No. 6, 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 None 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"	24#	New	352'	Halliburton	None	None	Surface casing
5-1/2"	14#	New	5024'	Halliburton	None	4946'-4976'	Oil String
						4980'-4988'	

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	352'	235	Halliburton		Natural
7-7/8"	5-1/2"	5024'	350	Halliburton	10.5	Brine Water

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

~~500 gal. MEC Acid - 5000 gal. XIST 15%~~

Result of Production Stimulation.....

Depth Cleaned Out.....1.....

RECORD OF DRILL-STEM AND SPECIAL

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 5025 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 3/6 - 3/7, 19 60

OIL WELL: The production during the first 24 hours was 60.61 barrels of liquid of which 85 % was
was oil; % was emulsion; 12 % water; and 3 % was sediment. A.P.I.
Gravity 27.6

GAS WELL: The production during the first 24 hours was 1.709 M.C.F. plus barrels of
liquid Hydrocarbon. Shut in Pressure 1575 lbs.

Length of Time Shut in None

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	2400		T. Silurian		T. Kirtland-Fruitland
B. Salt	2880		T. Montoya		T. Farmington
T. Yates	2912		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	4184		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	20	20	Red Clay & Sand	4559	4608	49	Lime & Dolomite
20	182	162	Surface Rock & Sand	4608	4919	311	Lime Core #1
182	338	156	Sand & Shale	4919	4950	31	Lime & Dolomite Core #2
338	367	29	Shale	4950	4976	26	Lime Core #3
367	825	458	Shale, Red Bed				(4950 - 4974)
825	2049	1224	Red Bed, Shale & Shells	4976	5025	49	Lime & Dolomite Core #4
2049	2223	174	Shale & Sand				(4974 - 5000)
2223	2445	222	Anhydrite & Red Bed				Core #5
2445	2830	385	Anhydrite, Red Bed, Shells & Gyp				(5000 - 5025)
2830	2973	143	Anhydrite & Gyp		5025	Total Depth	
2973	3582	609	Anhydrite, Gyp & Salt Stks				
3582	3880	298	Anhydrite & Gyp				
3880	4046	166	Anhydrite, Lime & Gyp				
4046	4100	54	Anhydrite				
4100	4177	77	Anhydrite & Gyp				
4177	4270	93	Anhydrite, Gyp & Shale				
4270	4417	147	Anhydrite, Shale & Lime				
4417	4505	88	Lime				
4505	4559	54	Lime & Shale				

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.

March 28, 1960
(Date)

Company or Operator Western Drilling Co. of Longview Address Box 1428, Odessa, Texas
Name J. D. Henderson Partner