



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

1957 FEB 25 AM 10:14
WELL RECORD 4

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. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

The Texas Company

(Company or Operator)

St of New Mexico "EE" NCT-6

(Lease)

Well No. 3, in 1/4 of 32, 1/4 of Sec. 16, T. 23-S, R. 37-S, NMPM.

Largie-Muttin

Pool,

Lee

County.

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

of Section 16. If State Land the Oil and Gas Lease No. is B-198

Drilling Commenced 1-30, 1957 Drilling was Completed 2-11, 1957

Name of Drilling Contractor: Casper Drilling Co., Inc.

Address: Box 974, Midland, Texas

Elevation above sea level at Top of Tubing Head 3316' (SD) 9-1, 1957. The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 3550 to 3570 No. 4, from to

No. 2, from 3582 to 3618 No. 5, from to

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

Well drilled with rotary & no water pump tested.

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
8 5/8"	24	New	1000'	Larkin	--	--	--
4 1/2"	11.60	Used	3000'	Hanco	--	3550-3570 3582-3618	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11"	8 5/8"	1070'	800	Hanco		
6 3/4"	4 1/2"	3571	400	Hanco		

RECORD OF PRODUCTION AND STIMULATION

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

Acidized perforations 3550-3570' & 3582'-3618' with 500 gals HA and fraced with 20,000 gals oil carrying 1/2 sand per gal.

Result of Production Stimulation: Flowed 112 bbls oil, 32.1 Gravity, thru 20/64" choke in 6 hrs. OOH-2240.

Depth Cleaned Out: 3671' to 3642'

REPORT OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special test deviation surveys were made, submit report on se, ate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 3571 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing 2-22, 1957
OIL WELL: The production during the first 6 hours was 112 barrels of liquid of which 100% was oil; % was emulsion; % water; and % was sediment. A.P.I. Gravity 30.1
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.
Length of Time Shut in

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	1048'	T. Devonian	T. Ojo Alamo
T. Salt	1150	T. Silurian	T. Kirtland-Fruitland
B. Salt	8423	T. Montoya	T. Farmington
T. Yates	1598	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	1505	T. McKee	T. Menefee
T. Queen	3381	T. Ellenburger	T. Point Lookout
Permian	3415	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	309	309	Surface & Red Bed	Well was drilled to a depth of 3571' where 4 1/2" csg was set. Cement was drilled out to 3542'. Csg. was perforated 3550-3570 & 3580-3618' with 4 shots per foot by L-W. Acidized with 500 gals HCl by Western. Rev out acid. Fraced with 10,000 gals oil, 1/2" sand per gal. Injected 1500 3/8" ball sealers. Fraced with 10,000 gals oil, 1/2" sand per gal, 3550-3618.			
309	573	264	Red Bed				
573	1004	431	Red Bed & shale				
1004	1070	66	Red Bed & Anhy				
1070	2400	1330	Salt & Anhy				
2400	2515	115	Anhy				
2515	2587	72	Anhy & Lime				
2587	3021	434	Anhy				
3021	3390	369	Anhy & Lime				
3390	3571	181	Lime				
	3571		Total Depth	On official test ending 2-22-57 well flowed 112 bbls oil, 30.1 Gravity, thru 20/60" choke in 6 hours.			
	3648		SB Total depth				
(All measurements from rotary table or 11' above ground level)							

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.

February 25, 1957 (Date)
Company or Operator The Somo Company Address Box 1270, Midland, Texas
Name Position or Title Asst. Dist. Superintendent