



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Nov 21 2 59 PM '63

WELL RECORD

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

TEXACO Inc.

State of New Mexico "M"

(Company or Operator)

(Lease)

Well No. 7, in SE 1/4 of NW 1/4, of Sec. 1, T. 18S, R. 34E, NMPM.

Vacuum (Glorieta) Vacuum (Wolfcamp) Pool, Lea County.

Well is 1800 feet from North line and 1980 feet from West line

of Section 1. If State Land the Oil and Gas Lease No. is B-1080-1

Drilling Commenced July 26, 1963 Drilling was Completed September 15, 1963

Name of Drilling Contractor Brahaney Drilling Company

Address P. O. Box 1695, Midland, Texas

Elevation above sea level at Top of Tubing Head 4010 DF
March 1964 The information given is to be kept confidential until

See Attached

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

Drilled with rotary tools and
no water sands tested.

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	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13-3/8"	48#	New	1492'	Howco	None	None	Surface
9-5/8"	36#	New	4788'	Howco	None	None	Intermediate
WC 2-7/8"	6.4#	New	10,215'	Howco	None	See Attached	Oil
GI. 2-7/8"	6.4#	New	10,181'	Howco	None	See Attached	Oil
Abo 2-7/8"	6.4#	New	7920'	Howco	None	See Attached	Oil

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
20"	13-3/8"	1513'	1100	BJ		
12-1/4"	9-5/8"	4805'	1700	BJ		
WC 8-3/4"	2-7/8"	10,232'	*2087	BJ		
GI 8-3/4"	2-7/8"	10,189'	*2087	BJ		
Abo 8-3/4"	2-7/8"	7937'	*2087	BJ		

RECORD OF PRODUCTION AND STIMULATION

*Combined three strings.

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

See attached sheet.

Result of Production Stimulation See attached sheet.

Depth Cleaned Out 12,220'

WC - PBTB 10,220'

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 12,220 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing October 4, 1963

OIL WELL: The production during the first 24 hours was 186 barrels of liquid of which 96 % was oil; % was emulsion; 4 % water; and % was sediment. A.P.I. Gravity 41.1°

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.	1482'		T. Strawn	10,819'	T. Ojo Alamo.
T. Salt.	1600'		T. Devonian		T. Kirtland-Fruitland.
B. Salt.	2700'		T. Lower Miss.	11,286'	T. Farmington.
T. Yates.	2775'		T. Shinarump		T. Pictured Cliffs.
T. 7 Rivers.			T. Woodford	11,987'	T. Menefee.
T. Queen.			T. Montoya		T. Point Lookout.
T. Grayburg			T. Devonian	12,175'	T. Mancos.
T. San Andres.	4285'		T. Simpson		T. Dakota.
T. Glorieta.	5968'		T. McKee		T. Morrison.
T. Blinberry	6630'		T. Ellenburger.		T. Penn.
T. Tubbs.	7328'		T. Gr. Wash.		
T. Abo.	7991'		T. Granite		
T. Wolfcamp	9331'		T.		
T. Wolfcamp	10,227'		T.		
T. Miss.			T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	230	230	Caliche	6652	6697	45	Lime
230	1210	980	Redbed	6697	6872	175	Lime & Dolomite
1210	1430	220	Redbed & Anhy	6872	6960	88	Lime
1430	1650	220	Anhy	6960	7005	45	Lime & Shale
1650	2278	628	Salt	7005	9627	2622	Lime
2278	2885	607	Salt & Anhy	9627	9712	85	Lime & Shale
2885	3091	206	Anhy	9712	9824	112	Lime
3091	3384	293	Anhy & Gyp	9824	10231	407	Lime & Shale
3384	3496	112	Anhy	10231	10456	225	Lime
3496	3764	268	Anhy & Gyp	10456	10525	69	Lime & Sand
3764	3917	153	Anhy	10525	10836	311	Lime & Shale
3917	3993	76	Anhy	10836	11044	208	Lime
3993	4603	610	Anhy	11044	11102	58	Lime & Shale
4603	4783	180	Anhy	11102	11397	295	Lime
4783	4805	22	Anhy	11397	11586	189	Lime & Shale
4805	5806	1001	Lime	11586	11589	3	Lime
5806	6058	252	Lime & Dolomite	11589	11982	393	Lime & Shale
6058	6074	16	Lime	11982	12150	168	Shale
6074	6267	193	Lime & Chert	12150	12220	70	Shale & Lime
6267	6652	385	Lime & Dolomite				
Estimate No.	7884		All measurements from rotary table or 11' above ground level.				
6-NMOCC							
1-State-Santa Fe							
1-Field							
1-File							

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.

November 21, 1963

(Date)

Company or Operator TEXACO Inc.

Address P.O. Box 728, Hobbs, New Mexico

Name

Position or Title Assistant District Superintendent

STATE OF NEW MEXICO "M" WELL NO. 7

Spudded 20" hole 7:00 A.M. July 26, 1963. Ran 1492' of 13-3/8" O.D. casing and cemented at 1513'. Cemented with 750 sx of Class "C" plus 350 sx of neat cement. Plug at 1489'. Cement circulated. Tested before and after drilling plug for 30 minutes with 600 psi. Tested OK. Job complete 7:30 A.M. July 29, 1963.

Ran 4788' of 9-5/8" O.D. casing and cemented at 4805'. Cemented with 1500 sx of Class "C" 8% gel plus 200 sx of Incor neat cement. Plug at 4763'. Tested before and after drilling plug for 30 minutes with 1000#. Tested OK. Job complete 8:00 P.M. August 6, 1963.

DST No. 1: 11,340' to 11,431'. Tool open one hour with fair blow of air continuing throughout test. Reversed out 3400' water blanket with no show of oil. 30 MISIP-3927#, 60 MFSIP-5751#, IFP 1379#, FFP-1379#, HI & HO - 6279#. Job complete 10:15 P.M. September 6, 1963.

Ran Microlog with Caliper, Induction-Electrical Log on September 15, 1963. Ran Sonic Log September 16, 1963.

Spot Plug No. 1 from 12,100' to 12,220' - 50 sx cement.
Spot Plug No. 2 from 10,210' to 10,344' - 50 sx cement.

String No. 1 (Wolfcamp): Ran 10,215' of 2-7/8" O.D. casing (6.4 lb. - J-55) and set at 10,232'.

String No. 2 (Glorieta): Ran 10,181' of 2-7/8" O.D. casing (6.4 lb. - J-55) and set at 10,198'.

String No. 3 (Abo): Ran 7920' of 2-7/8" O.D. casing (6.4 lb. - J-55) and set at 7937'.

Circulate through String No. 1 while running Strings Nos. 2 and 3. Cement down Strings No. 1 and 2 with 1465 sacks and down String No. 3 with 522 sacks. Total of 1987 sacks of Class "C" 4% gel plus 1.2% D-30 plus 100 sacks of regular. Latch in plug (String No. 1) 10,220'. Latch in plug (String No. 2) 10,186'. Latch in plug (String No. 3) 7905'. Tested casing before and after drilling plugs for 30 minutes with 1000 psi. Tested OK. Job complete 8:30 P.M. September 20, 1963. Ran Temperature Survey September 21, 1963. Approximate top of cement 1720'.

String No. 1 (Wolfcamp): Ran Perforating Depth Control Survey. Perforated with one jet shot per interval at 9967', 9968', 9969', 9970', 9977', 9978', 9979', 9992', 9993', 9994', 10,041', 10,042', 10,043'. Acidized with 500 gallons acetic acid. Swabbed well. Re-acidized with 500 gallons 15% LSTNE acid. Swabbed well. Acidized with 1000 gallons 15% LSTNE acid. Swabbed well. Acidized with 1500 gallons 15% LSTNE acid in 4 stages with ball sealers between stages. Swabbed well. Ran Tracer Survey on perforations October 7, 1963. Swabbed well. Acidized with 7000 gallons retarded acid with 300 gallons flaked Napthalene added.

On 24 hour potential test well flowed through 24/64" choke. Test ended 6:00 A.M. October 11, 1963, flowed 178 BO and 8 BW. (Allowable 178 BOPD).

GOR	384
GRAV.	41.1°
Top of Pay	9967'
Bottom of Pay	10,043'
NMOCC Date	Sept. 15, 1963
TEXACO Inc. Date	October 11, 1963

String No. 2 (Glorieta): Shut in.

String No. 3 (Abo): Shut in.