



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Oil Conservation Commission
JAN 14 1964

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 "AE"
(Company or Operator) (Lease)
Well No. 21, in SW 1/4 of NW 1/4, of Sec. 11, T. 18-S, R. 34-E, NMPM.
Vacuum Abo Reef Pool, Lea County.
Well is 660 feet from West line and 1980 feet from North line
of Section 11. If State Land the Oil and Gas Lease No. is B-1258-1
Drilling Commenced December 5, 1963 Drilling was Completed January 4, 1964
Name of Drilling Contractor Marcum Drilling Company
Address P. O. Box 5094 - Midland, Texas
Elevation above sea level at Top of Tubing Head 4020' (D. F.) The information given is to be kept confidential until
May 1964

ONE JET SHOT AT OIL SANDS OR ZONES
No. 1, from 8964' to 8978' 3/4 9031'
No. 2, from 8965' to 9005' 3/4 9032'
No. 3, from 8977' to 9006' 3/4 9064' 9065'
No. 4, from to
No. 5, 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
11 3/4"	42.00	NEW	334'	HOWCO	NONE	NONE	Surface
8 5/8"	24.00	NEW	3467'	HOWCO	NONE	NONE	Intermediate
2 7/8"	6.50	NEW	9070'	HOWCO	NONE	See Above	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
15"	11 3/4"	345'	300	HOWCO		
10 5/8"	8 5/8"	3480'	1500	HOWCO		
7 5/8"	2 7/8"	9080'	1550	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

(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 9080'
PBTD 9070'

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 9080 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 11, 1964

OIL WELL: The production during the first 24 hours was 326 barrels of liquid of which 95 % was
was oil; % was emulsion; 5 % water; and % was sediment. A.P.I.
Gravity 40.1

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 NONE

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 1750'	T. Devonian	T. Ojo Alamo	
T. Salt 1860'	T. Silurian	T. Kirtland-Fruitland	
B. Salt 3030'	T. Montoya	T. Farmington	
T. Yates 3160'	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen 4240'	T. Ellenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash	T. Mancos	
T. San Andres 5085'	T. Granite	T. Dakota	
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs	T.	T.	
T. Abo Reef 8840'	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	345	345	Caliche				
345	1564	1219	Redbed				
1564	1808	244	Redbed & Anhy				
1808	3240	1432	Anhy & Salt				
3240	3480	240	Anhy				
3480	3920	440	Anhy & Lime				
3920	4630	710	Lime				
4630	5310	680	Lime & Anhy				
5310	5840	530	Lime & Sand				
5840	6180	340	Lime				
6180	6874	694	Lime & Chert				
6874	7230	356	Lime, Sand & Chert				
7230	7825	595	Lime & Sand				
7825	8440	615	Lime				
8440	9080	640	Lime & Sand				
Total Depth	9080						
PBTD	9070						

All measurements from rotary table or
10' above ground level.

Estimate Number 6358

6 - NMOCC
1 - SLO-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.

Company or Operator TEXACO Inc.
Name H. D. Raymond

January 14, 1964
Address P. O. Box 728 - Hobbs, New Mexico
Position or Title Assistant District Superintendent

State of New Mexico "AE" Well Number 21

Spudded 15" Hole 4:30 P. M. December 5, 1963. Ran 334' of 11 3/4" O. D. Casing, and cemented at 345' with 300 Sx. regular cement. Plug at 315'. Cement Circulated. Tested before and after drilling plug for 30 minutes with 600 P. S. I. Tested O. K. Job complete 3:00 A. M. December 7, 1963.

Ran 3467' of 8 5/8" O. D. Casing and cemented at 3480' with 1500 Sx. 1:1 Pozmix and 8% Gel, plus 200 Sx. regular neat cement. Plug at 3446'. Tested before and after drilling plug for 30 minutes with 1500 P. S. I. Tested O. K. Job complete 10:00 P. M. December 11, 1963.

Ran 9070' of 2 7/8" O. D. Casing and cemented at 9080' with 500 Gals. mud wash, 300 Sx. Class "C" 8% Gel with 1% FRA & 4% salt by weight of mix water, and 1000 Sx. Class "C" 8% Gel, plus 250 Sx. Class "C" 4% Gel. Plug at 9070'. Tested before and after drilling plug for 30 minutes with 1500 P. S. I. Tested O. K. Job complete 2:30 P. M. January 7, 1964.

Perforate 2 7/8" O. D. Casing with one jet shot per interval from 8964', 8965', 8977', 8978', 9005', 9006', 9031', 9032', 9064', and 9065'. Acidize with 7500 Gals LSTNE with 500 Cu Ft CO₂ per BBL, ball sealers, plus 500 Gals acetic acid. Swab and Flow well.

On 24 Hour Potential test well flowed through 20/64" choke, ending 7:30 P. M. January 12, 1964, 310 BO and 16 BW.

GOR - 919

Gravity - 40.1

Top of Pay - 8964'

Btm of Pay - 9065'

NMOCC Date - January 4, 1964

TEXACO Inc. Date - January 12, 1964