



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

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. 6, in NE 1/4 of NW 1/4, of Sec. 1, T. 18-S, R. 34-E, NMPM.  
Vacuum Glorieta & Vacuum Blinebry Pool, Lea County.  
Well is 1880 feet from West line and 460 feet from North line  
of Section 1. If State Land the Oil and Gas Lease No. is B-1080-1  
Drilling Commenced March 16, 1964 Drilling was Completed April 27, 1964  
Name of Drilling Contractor McVay Drilling Company  
Address P. O. Box 924 - Hobbs, New Mexico  
Elevation above sea level at Top of Tubing Head 4006' (D.F.) The information given is to be kept confidential until September 1964  
Drilled with rotary tools and no water sands tested.

see attached sheet.  
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
11 3/4"	42.00	NEW	1538'	Howco	NONE	NONE	Surface
8 5/8"	24.00	NEW	3387'	Howco	2483'	NONE	Intermediate
4 1/2"	4.50	NEW	3440'	Howco	NONE	see attached	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"	1550'	1050	HOWCO		
11"	8 5/8"	3400'	350	HOWCO		
7 7/8"	4 1/2"	6797'	950	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 6800'

# 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 6800 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing DRY, 19.

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

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 DRY

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. NOTE: PARTIAL LOG	T. Silurian.	T. Kirtland-Fruitland.
B. Salt. RUN ON THIS WELL.	T. Montoya.	T. Farmington.
T. Yates.	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.	T. Granite.	T. Dakota.
T. Glorietta 5830'	T.	T. Morrison.
T. Blinberry 6502'	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	190	190	Caliche				
190	910	720	Redbed				
910	1410	500	Redbed & Anhy				
1410	1625	215	Anhy				
1625	2150	525	Anhy & Salt				
2150	2990	840	Anhy				
2990	3640	650	Anhy, Salt & Gyp				
3640	4330	690	Anhy & Salt				
4330	4860	530	Anhy & Lime				
4860	5490	630	Lime & Shale				
5490	6233	743	Lime & Dolomite				
6233	6600	367	Lime & Chert				
6600	6800	200	Lime & Sand				
TD	6800						

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

Estimate Number 6367

6 - NMOC  
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.

H. D. Raymond December 15, 1964

Company or Operator TEXACO Inc.

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

Name H. D. Raymond

Position or Title Assistant District Superintendent

State of New Mexico "M" Well No. 6

Spudded 15" Hole 3:00 P. M. March 16, 1964. Ran 1538' of 11 3/4" O. D. Casing and cemented at 1550' with 800 Sx. Class "C" 4% gel, plus 250 Sx. Class "C" regular neat. Plug at 1520'. Cement Circulated. Tested before and after drilling plug for 30 minutes with 600 P. S. I. Tested O. K. Job complete 11:00 A. M. March 29, 1964.

D. S. T. No. 1 - From 2800' to 2975', Failure.

Ran 3387' of 8 5/8" O. D. Casing and cemented at 3400' with 200 Sx. Class "C" 8% gel, plus 150 Sx. Class "C" regular neat. Plug at 3365'. Tested before and after drilling plug for 30 minutes with 1000 P. S. I. Tested O. K. Job complete 4:30 P. M. April 5, 1964.

Ran 3440' of 4 1/2" O. D. Casing (Liner), hung in 8 5/8" O. D. Casing at 3357', and cemented at 6797' with 400 Sx. Class "C" 8% gel, plus 550 Sx Class "C" 2% gel. Top of cement by Temperature survey, 3820'. Tested top and bottom of liner for 30 minutes with 1500 P. S. I. Tested O. K. Job complete 5:30 P. M. April 29, 1964.

Perforate 4 1/2" Liner with one jet shot per interval at 5954', 5956', 5958', 5960', 5964'. Acidize with 500 gals LSTNE. Swab well. Re-acidize with 2000 gals LSTNE. Swab well. Swab Dry.

Perforate 4 1/2" Liner with one jet shot at 5987', 5989', 5999', 6009', 6011', 6026', and 6028'. Acidize with 1000 Gals LST NE acid. Swab well. Re-acidize with 1000 gals LST NE acid. While swabbing load, detected casing failure. Casing found to be parted at 2483'. Extensive effort was made to re-enter 8 5/8" O. D. Casing, and to mill into side of casing were unsuccessful. Current total depth beside casing is 2600'. We propose to plug and abandon well by setting plugs across the top of damaged 8 5/8" Casing, at base of surface casing, and surface plug.

Recover 2483' of 8 5/8" O. D. Casing.

Spot 25 Sx Cement plug at 2600'.  
Spot 200 Sx Cement plug at 2500'.  
Spot 125 Sx Cement plug at 1400' to 1700'.  
Spot surface plug from 0' to 100'.

After New Mexico Oil Conservation Commission approval, location will be cleaned for inspection, install 4" marker extending 4' above the ground level, plug and abandon to begin as soon as possible.

I H. D. Raymond being of lawful age and being  
the Assistant Dist. Superintendent for TEXACO Inc., do state  
that the deviation record which appears on this form is  
true and correct to the best of my knowledge.

H. D. Raymond  
H. D. Raymond

Subscribed and sworn to before me this 12th day of  
May 1964.

My commission expires October 20, 1966.

Notary Republic R.E. Johnson  
for Lea County, State of New Mexico.  
Lease State of New Mexico "M" Well No. 6

Deviation Record

<u>Depth</u>	<u>Degrees Off</u>
342'	1
658'	3/4
1045'	1/4
1661'	1/2
2068'	1/4
2474'	3/4
2795'	1 3/4
2920'	1 3/4
3113'	1 1/4
3830'	1
4129'	1
4420'	1/4
4970'	3/4
5430'	1
5890'	3/4
6120'	1
6230'	1 1/4
6800'	1 1/2