

NEW MEXICO OIL CONSERVATION COMMISSION OFFICE O. C. C.  
Santa Fe, New Mexico

APR 27 2 59 PM '64

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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

AREA AND ACRES  
LOCATE WELL CORRECTLY

TEXACO Inc.  
(Company or Operator)

State of New Mexico "0" NCT-1  
(Lease)

Well No. 16, in SE 1/4 of NE 1/4, of Sec. 36, T. 17-S, R. 34-E, NMPM.  
Vacuum Glorieta Pool, Lea County.  
Well is 990 feet from East line and 1980 feet from North line  
of Section 36. If State Land the Oil and Gas Lease No. is B-155-1  
Drilling Commenced February 27, 1964 Drilling was Completed March 12, 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 4002' (D. F.)  
July, 1964. The information given is to be kept confidential until

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	1523'	Howco	NONE	NONE	Surface
8 5/8"	24.00	NEW	3287'	Howco	NONE	NONE	Intermediate
2 7/8"	6.40	NEW	6785'	Howco	NONE	see attached	Production
2 7/8"	6.40	NEW	6788'	Howco	NONE	see attached	Production

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	11 3/4"	1530'	1000	HOWCO		
10 5/8"	8 5/8"	3300'	750	HOWCO		
7 7/8"	2 7/8"	6797'	1200	HOWCO		
7 7/8"	2 7/8"	6800'	1200	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'  
GL - PBTD 6767'  
BL - PBTD 6790'

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 March 26, 1964  
 OIL WELL: The production during the first 24 hours was 102 barrels of liquid of which 20% was oil; \_\_\_\_\_% was emulsion; 80% water; and \_\_\_\_\_% was sediment. A.P.I. Gravity 37.8  
 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 1490'	T. Devonian _____	T. Ojo Alamo _____	
T. Salt 1596'	T. Silurian _____	T. Kirtland-Fruitland _____	
B. Salt 2640'	T. Montoya _____	T. Farmington _____	
T. Yates 2778'	T. Simpson _____	T. Pictured Cliffs _____	
T. 7 Rivers _____	T. McKee _____	T. Menefee _____	
T. Queen 3685'	T. Ellenburger _____	T. Point Lookout _____	
T. Grayburg _____	T. Gr. Wash _____	T. Mancos _____	
T. San Andres 4340'	T. Granite _____	T. Dakota _____	
T. Glorieta 5865'	T. _____	T. Morrison _____	
T. Blaine 6548'	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	227	227	Caliche				
227	1490	1263	Redbed				
1490	1596	106	Redbed & Anhy				
1596	2650	1054	Anhy & Salt				
2650	3700	1050	Lime & Anhy				
3700	4360	660	Lime				
4360	5234	874	Lime & Sand				
5234	6420	1186	Lime				
6420	6800	380	Lime & Sand				
TD	6800						
BL PSTD	6790						
GL PSTD	6767						

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

Estimate Number 8009

6 - NMOC  
 1 - Santa Fe - SLO  
 1 - Division  
 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 April 27, 1964  
 (Date)

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 "0" NCT-1 Well No. 16

Spudded 15" hole 3:00 P. M. February 27, 1964. Ran 1523' of 11 3/4" O. D. Casing and cemented at 1530' with 800 Sx. 4% gel, plus 200 Sx. regular cement. Plug at 1500'. Cement Circulated. Tested 11 3/4" O. D. Casing before and after drilling plug for 30 minutes with 600 P. S. I. Tested O. K. Job complete 8:15 A. M. March 1, 1964.

Ran 3287' of 8 5/8" O. D. Casing and cemented at 3300' with 600 Sx. Class "C" 4% and 150 Sx. Class "C" neat cement. Plug at 3270'. Job complete 1:15 A. M. March 4, 1964. Tested before and after drilling plug for 30 minutes with 1000 P. S. I. Tested O. K. Job complete 3:00 A. M. March 5, 1964.

Vacuum Glorieta Zone: Ran 6785' of 2 7/8" O. D. Casing and cemented at 6797'. Plug at 6767'.

Vacuum Blinebry Zone: Ran 6788' of 2 7/8" O. D. Casing and cemented at 6800'. Plug at 6790'.

Cemented above strings of 2 7/8" O. D. Casing with 800 Sx. Pozmix 8% gel, and 400 Sx Pozmix 2% gel with FRA. Pump plugs down with 500 gals acetic acid for each string. Tested for 30 minutes with 1000 P. S. I. Tested O. K. Job complete 8:00 A. M. March 16, 1964.

Vacuum Blinebry Zone: Perforate 2 7/8" O. D. Casing with one jet shot per interval at 6680', 6683', 6698', 6702', 6719', and 6759'. Acidize with 500 gals acetic acid, re-acidize with 3000 gals chemically retarded acid in 6 stages with one ball sealer between stages.

On 24 Hour Potential Test well swabbed, ending 6:00 A. M. March 27, 1964, 20 BO and 82 BW.

GOR - TSTM

Gravity - 37.8

Top of Pay - 6680'

Btm of Pay - 6759'

NMOCC Date - March 12, 1964

TEXACO Inc. Date - March 27, 1964

Vacuum Glorieta Zone: Perforate 2 7/8" O. D. Casing with one jet shot per interval at 6029', 6030', 6031', 6036', and 6037'. Acidize with 500 gals acetic acid, re-acidize with 2000 gals LSTNE 15% acid. Visqueen with 100 Sx., re-acidize with 500 gals LSTNE. Re-squeeze with 20 Sx. visqueen. Perforate 2 7/8" O. D. Casing with one jet shot at 6036', 6037', 6066', 6067', and 6069'. Acidize with 500 gals LSTNE. Swab well. Squeeze with 20 Sx. Visqueen, 50 sx. regular neat. Perforate 2 7/8" O. D. Casing with one jet shot at 6036' and 6037'. Acidize with 500 gals LSTNE. Squeeze with 50 Sx. neat. Perforate 2 7/8" O. D. Casing with one jet shot at 6167', 6176', 6180', acidize with 500 gals LSTNE. Swab well.

On 24 Hour Potential Test well flowed through 20/64" choke, ending 6:00 A. M. April 25, 1964, 103 BO and 83 BW.

GOR - 444

Gravity - 38.6

Top of Pay - 6167'

Btm of Pay - 6180'

NMOCC Date - March 12, 1964

TEXACO Inc. Date - April 25, 1964