

Santa Fe, New Mexico

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

State of New Mexico "Q"

(Company or Operator)

.....
(Leave)

Well No. 6, in SW $\frac{1}{4}$ of SW $\frac{1}{4}$, of Sec. 25, T. 17-S, R. 34-E, NMPM.

Vacuum Glorieta

Lea

County.

~~Vacuum Blinebry~~ Pool, ~~Dea~~ County.

Well is 460 feet from South line and 989 feet from East line

of Section 25 If State Land the Oil and Gas Lease No. is B-1056-1

Drilling Commenced February 7, 1964 Drilling was Completed February 21, 1964

Drilling Commenced....., 19.....
Name of Drilling Contractor..... McVay Drilling Company

Address..... P. O. Box 924 - Hobbs, New Mexico

Address.....
 Elevation above sea level at Top of Tubing Head..... 4001' (D. F.) The information given is to be kept confidential until

Elevation above sea level at top of tubing head.....

July....., 1964

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	1517'	Howco	NONE	NONE	Surface
8 5/8"	24.00	NEW	3289'	Howco	NONE	NONE	Intermediate
2 7/8"	6.50	NEW	6840'	Howco	NONE	see attached	Production
2 7/8"	6.50	NEW	6840'	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"	1530'	1300	Howco		
10 5/8"	8 5/8"	3300'	750	Howco		
7 5/8"	2 7/8"	6850'	900	Howco		
7 5/8"	2 7/8"	6850'	900	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.....	6850'
GL - PBTD	6820'
BL - PBTD	6818'

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 6850 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing March 10, 1964
OIL WELL: The production during the first 24 hours was 297 barrels of liquid of which 100 % was
was oil; % was emulsion; % water; and % was sediment. A.P.I.
Gravity 38.2
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. 1545'	T. Devonian.	T. Ojo Alamo.	
T. Salt. 1600'	T. Silurian.	T. Kirtland-Fruitland.	
B. Salt. 2730'	T. Montoya.	T. Farmington.	
T. Yates. 2790'	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. 4320'	T. Granite.	T. Dakota.	
T. Glorieta. 5885'	T.	T. Morrison.	
T. Blaine. 6573'	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	320	320	Caliche				
320	1320	1000	Redbed				
1320	1440	120	Redbed & Anhy				
1440	1545	105	Redbed, Anhy & Gyp				
1545	2230	685	Anhy & Salt				
2230	2820	590	Anhy & Gyp				
2820	3180	360	Anhy & Lime				
3180	4310	1130	Lime				
4310	5440	1130	Lime & Sand				
5440	5835	395	Lime				
5835	6850	1015	Lime & Sand				
TD	6850'						
GL PRD	6820'						
BL PRD	6818'						
All measurements from rotary table or 10' above ground level.							
Estimate Number		8023					
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. Address P. O. Box 728 - Hobbs, New Mexico
Name H. D. Raymond Position or Title Assistant District Superintendent
H. D. Raymond March 25, 1964.

State of New Mexico "Q" Well No. 6

Spudded 15" Hole 6:00 A. M. February 7, 1964. Ran 1517' of 11 3/4" O. D. Casing and cemented at 1530' with 900 Sx. 4% gel Incor, and 400 Sx. regular neat. Plug at 1498'. Cement Circulated. Tested before and after drilling plug for 30 minutes with 600 P. S. I. Tested O. K. Job complete 10:00 A. M. February 11, 1964.

Ran 3289' of 8 5/8" O. D. Casing and cemented at 3300' with 600 Sx. Class "C" 4% gel, plus 150 Sx. Class "C" regular neat. Plug at 3269'. Tested before and after drilling plug for 30 minutes with 1000 P. S. I. Tested O. K. Job complete 1:45 P. M. February 14, 1964.

Vacuum Glorieta Zone, Ran 6840' of 2 7/8" O. D. Casing and cemented at 6850'. Plug at 6820'.

Vacuum Blinebry Zone, Ran 6840' of 2 7/8" O. D. Casing and cemented at 6850'. Plug at 6818'.

Cemented above strings of 2 7/8" O. D. Casing with 300 Sx. Class "C" 8% gel with 4% salt FRA, 300 Sx. Class "C" 8% gel, and 300 Sx. Class "C" 4% gel. Pump plugs down with 500 gals acetic acid. Tested strings for 30 minutes with 1500 P. S. I. Tested O. K. Job complete 11:00 P. M. February 24, 1964.

Vacuum Blinebry Zone, Perforate 2 7/8" Casing with one jet shot per interval at 6641', 6642', 6696', 6699', and 6725'. Acidize with 500 gals acetic acid. Re-acidize with 3000 gals ISTNE in six stages with one ball sealer between stages. Re-acidize with 2000 gals chemically retarded acid. Frac with 10,000 gals refined oil, 10,000 lbs sand, 55 gals control flow in 10 bbls crude, plus 400 cu ft CO₂ per bbl refined oil.

On 24 Hour Potential Test well swabbed 38 BO and 42 BW, ending 3:00 P. M. March 24, 1964.

GOR - TSTM Gravity - 37.8

NMOCC Date - Feb. 21, 1964

Top of Pay - 6641' Btm of Pay - 6725' TEXACO Inc. Date - March 24, 1964

Vacuum Glorieta Zone, Perforate 2 7/8" Casing with one jet shot per foot from 6036' to 6044'. Acidize with 500 gals acetic acid. Re-acidize with 2000 gals ISTNE. Swab well. Re-acidize with 2000 gals 15% ISTNE.

On 8 Hour Potential Test well flowed through 22/64" choke, ending 6:00 P. M. March 10, 1964, 99 BO and No water.

GOR - 655

Gravity - 38.2

Top of Pay - 6036'

Btm of Pay - 6044'

NMOCC Date - February 21, 1964.

TEXACO Inc. Date - March 10, 1964.