

AREA 40 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Oct 29 10 59 AM '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 QUINTUPPLICATE. If State Land submit 6 Copies

TEXACO Inc. State of New Mexico "O" NCT-1
(Company or Operator) (Lease)

Well No. 21, in SW 1/4 of NE 1/4, of Sec. 36, T. 17-S, R. 34-E, NMPM.
Vacuum (Glorieta) Vacuum(Blinebry) Pool, Lea County.
Well is 1900 feet from North line and 1900 feet from East line
of Section 36. If State Land the Oil and Gas Lease No. is B-155-1
Drilling Commenced 9-27, 1963 Drilling was Completed 10-14, 1963
Name of Drilling Contractor McVay Drilling Company
Address P. O. Box 924, Hobbs, New Mexico
Elevation above sea level at Top of Tubing Head 4007 (DE) The information given is to be kept confidential until
January, 1964

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

IMPORTANT WATER SANDS
Drilled with rotary tools: No water sands tested.
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	42.0 lb	New	1556	Howco	None	None	Surface
8-5/8	25.0 lb	New	3292	Howco	None	None	Intermediate
2-7/8	6.4 lb	New	6838	Howco	None	See Attached	
2-7/8	6.4 lb	New	6836	Howco	None	See Attached	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WEIGHT SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	11-3/4	1570	1100	Haliburton		
11"	8-5/8	3302	1650	Haliburton		
7-7/8	2-7/8	6838	*	Haliburton		
7-7/8	2-7/8	6836	*	Haliburton		

RECORD OF PRODUCTION AND STIMULATION
(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)
*Cement both strings simultaneously with 1400 sacks.

See attached.
Result of Production Stimulation See attached
Depth Cleaned Out 6850

RECORD OF DRILLING AND CEMENTATION

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 10-13, 1963

OIL WELL: The production during the first 24 hours was 105 barrels of liquid of which 100 % was oil; % was emulsion; % 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 1620	T. Silurian	T. Kirtland-Fruitland
B. Salt 2630	T. Montoya	T. Farmington
T. Yates 2780	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen 3686	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres 4364	T. Granite	T. Dakota
T. Gloriosa 5868	T.	T. Morrison
T. Drinaard 6517	T.	T. Penn
T. Tubbs	T.	T.
T. Abo	T.	T.
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thick in Feet	Formation	From	To	Thickness in Feet	Formation
0	177	177	Caliche				
177	340	163	Caliche & Redbed				
340	580	240	Redbed				
580	1275	695	Redbed & Anhy				
1275	1602	327	Anhydrite				
1602	2779	1177	Anhy, Redbed & Salt				
2779	3873	1094	Anhydrite				
3873	4590	717	Anhydrite & Lime				
4590	5200	610	Lime				
5200	6100	900	Lime & Chert				
6100	6850	750	Lime				
6850	TD						
Estimate 6276							
NMCCC - 5							
State Land Office -1							
Well File - 1							
Field - 1							

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.

October 28, 1963

Company or Operator TEXACO Inc. Address P. O. Drawer 726, Hobbs, N. M.
Name J. G. Blevins, Jr. Position or Title Asst. District Superintendent

Spudded 15" hole 6:00 A. M. 9-27-63.

Ran 1556' of 11-3/4" O.D. casing and set at 1570'. Cement with 900 sacks of 4% Gel plus 200 sacks of regular neat. Cement circulated. Job complete 4:00 P.M. 9-29-63. Tested 11-3/4" O.D. casing for 30 minutes before and after drilling plug with 600 psi. Tested OK. Job complete 5:00 P.M. 9-30-63.

Ran 3292' of 8-5/8" O.D. casing and set at 3302'. Cemented with 1650 sacks of cement. Plug at 3255'. Job complete 12:15 P.M. 10-4-63. Tested 8-5/8" O.D. casing for 30 minutes before and after drilling plug with 1500 psi. Tested OK. Job complete 3:30 P.M. 10-5-63.

String #1 (Blinbry) zone: Ran 6838' of 2-7/8" O.D. casing and set at 6850.

String #2 (Glorieta) zone: Ran 6836' of 2-7/8" O.D. casing and set at 6848'. Cement down both strings simultaneously with 500 sacks of Class "C" with friction reducing agent, plus 900 sacks of Class "C" 4% Gel. Job complete 5:30 P.M. 10-15-63. Tested 2-7/8" O.D. casing before and after drilling plug with 1500 psi. Tested OK. Job complete 4:30 P.M. 10-16-63.

Ran Gamma Ray Log, Electric Induction Log, Focus Log, and Mini-Focus Log 10-14-63.

Blinbry Zone: Ran 6838' of 2-7/8" O.D. casing and set at 6850. Perforate 2-7/8" O.D. casing with 1 jet shot per foot from 6685-86', 6693-94', 6718-19', 6748-49'. Acidize with 4000 gallons of retarded acid in 4 - 1000 gallon stages with 2 ball sealers between stages.

On 24 hour potential test ending 11:00 A.M. 10-20-63. Well flowed 105 BO and no water through 20/64" choke.

Gravity 37.8

GCR 711

Top of Pay 6685'

Bottom of Pay 6749'

NMOCC Date 10-14-63

TEXACO Inc. Date 10-20-63

Glorieta Zone: Ran 6836' of 2-7/8" O.D. casing and set at 6848'. Perforate with 1 jet shot per interval at 6031, 6032, 6033, 6036, 6037, 6038, 6043, 6044, 6045'. Acidize from 6031-45' with 1500 gallons of retarded acid with 3 ball sealers. Reacidize from 6031-45' with 200 gallons of retarded acid. On 16 hour potential test ending 4:00 P.M. 10-26-63 well flowed 95 BO & no water through a 24/64" choke.

Gravity 39.4

GCR 430

Top of Pay 6031

Bottom of Pay 6045

NMOCC Date 10-14-63

TEXACO Inc. Date 10-26-63