

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

Dec 10 3 17 PM '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 QUINTUPLICATE. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

TEXACO Inc.

State of New Mexico "O" NCT-1

(Company or Operator)

(Lease)

Well No. 22, in SW 1/4 of SW 1/4, of Sec. 36, T. 17-S, R. 34-E, NMPM.

Vacuum (Glorieta) Vacuum (Blinbry) Pool, Lea County.

Well is 500 feet from South line and 560 feet from West line

of Section 36. If State Land the Oil and Gas Lease No. is B-155-1

Drilling Commenced October 15, 1963. Drilling was Completed November 24, 1963.

Name of Drilling Contractor Cactus Drilling Company

Address P.O. Box 32 - Midland, Texas

Elevation above sea level at Top of Tubing Head 4010' (DF). The information given is to be kept confidential until March 31, 1963.

OIL SANDS OR ZONES

See Attached Sheet

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.

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#	New	1535'	Howco	None	None	Surface
11. 2-7/8"	6.4#	New	6783'	Howco	None	None	Production
11. 2-7/8"	6.4#	New	6788'	Howco	None	None	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"	1549'	1100	Howco		
11. 7-7/8"	2-7/8"	6794'	1400#	Howco		
11. 7-7/8"	2-7/8"	6799'	1400#	Howco		

RECORD OF PRODUCTION AND STIMULATION

Combined two strings.

(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'
PBTD G1. 6789'
PBTD B1. 6792'

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

PRODUCTION

Put to Producing See Attached, 19

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

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	1485'		T. Devonian		T. Ojo Alamo
T. Salt	1605'		T. Silurian		T. Kirtland-Fruitland
B. Salt	2685'		T. Montoya		T. Farmington
T. Yates	2778'		T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefec
T. Queen	3683'		T. Ellenburger		T. Point Lookout
T. Grayburg			T. Gr. Wash		T. Mancos
T. San Andres	4500'		T. Granite		T. Dakota
T. Glorieta	5796'		T. Blinberry(Marker)	6500'	T. Morrison
T. Drinkard			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	646	646	Shale, Sand, Redbeds				
646	1470	824	Redbed				
1470	1550	80	Anhydrite				
1550	1800	250	Redbed				
1800	2936	1136	Anhy & Salt				
2936	3343	407	Anhy & Gyp				
3343	3482	139	Sand & Shale				
3482	6321	2839	Lime				
6321	6456	135	Lime & Shale				
6456	6569	113	Lime				
6569	6634	65	Lime & Shale				
6634	6800	166	Lime				
	6800		TD				

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

Estimate Number 6301
6 - MOCC
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.

December 10, 1963

Company or Operator TEXACO Inc. Address P.O. Drawer 728-Hobbs, New Mexico
Name J. G. Blevins, Jr. Position or Title Assistant District Superintendent

State of New Mexico "O" NCT-1 Well No. 22

Spudded 15" hole 1:00 P.M. October 15, 1963.

Ran 1535' of 11-3/4" OD casing cemented at 1549' with 900 sx. Class "C" 4% gel plus 200 sx. of regular cement. Plug at 1519'. Tested before and after drilling plug for 30 minutes with 1000 psi. Tested O.K. Job complete 7:30 P.M. October 18, 1963.

Ran Gamma-Ray Sónic, Laterolog, Microlaterolog, and movable Oil Plot November 24, 1963.

String "Y" Glorieta Ran 6783' of 2-7/8" OD (6.40# J-55) casing set at 6794' with plug at 6789'.

String "Z" Blinebry Ran 6788' of 2-7/8" OD (6.40# J-55) casing set at 6799' with plug at 6792'.

Cemented both strings simultaneously with 1400 sx 4% gel with FRA in the first 100 sx. Used 20 barrels of mud wash ahead of cement, pump plug down in each string with 500 gallons of acetic acid. Job complete 10:30 P.M. November 25, 1963. Tested 2-7/8" casing strings before and after drilling plugs for 30 minutes with 1500 psi. Tested O.K. Job complete 8:30 A.M. November 27, 1963.

String "Y" (Glorieta) Zone: Perforated 2-7/8" OD casing with one jet shot per interval @ 5929', 5931', 5938', and 5939'. Acidize perforations with 500 gals acetic acid. Swabbed and flowed well. Re-acidized with 1000 gals 15% LSTNE. Well flowed.

On 12 hour Potential Test ending 6:00 A.M. December 3, 1963, well flowed 202 barrels of oil and no water on a 12/64" choke. (24 hour rate of 404 bbls.)

GOR - 677

Gravity - 38.9

Top of Pay - 5929'

Bottom of Pay - 5939'

NMOCC Date - November 24, 1963

TEXACO Inc. Date - December 3, 1963

String "Z" (Blinebry) Zone: Perforated 2-7/8" OD casing with one jet shot per interval at 6735', 6745', 6754', 6763', and 6774'. Acidized perforations with 500 gals acetic acid. Re-acidized with 2800 gals retarded acid. Swabbed well. Re-perforated 2-7/8" casing with 2 jet shots per interval at 6726', 6727', 6728', 6733', 6734', and 6735'. Acidized with 1000 gals 15% LSTNE acid followed with 55 gals of Control flow in 10 bbls of lease crude and frac with 10,000 gals of refined oil with one pound of sand per gallon plus 400 cu. ft. of CO₂ per bbl. Well swabbed and flowed.

On 24 hour Potential test ending 6:00 A.M. December 10, 1963, well swabbed 28 barrels of oil and 44 barrels of water. Total fluid 72 barrels, 39% oil and 61% water.

GOR - 228

Gravity - 37.8

Top of Pay - 6726'

Bottom of Pay - 6774'

NMOCC Date - November 24, 1963

TEXACO Inc. Date - December 10, 1963