



NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBS OFFICE O. C. C.
JUL 13 10 22 AM '64

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 5 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

TEXACO Inc.

State of New Mexico "R" NCT-3

(Company or Operator)

(Lease)

Well No. 15, in SE 1/4 of SE 1/4, of Sec. 1, T. 18-S, R. 34-E, NMPM.

Vacuum Abo Reef Pool, Lea County.

Well is 560 feet from East line and 487 feet from South line

of Section 1. If State Land the Oil and Gas Lease No. is B-1306-1

Drilling Commenced February 28, 1964 Drilling was Completed May 12, 1964

Name of Drilling Contractor A. W. Thompson Inc.

Address P. O. Box 526

Elevation above sea level at Top of Tubing Head 3996' (D. F.) The information given is to be kept confidential until September, 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
13 3/8"	27.06	NEW	344'	Howco	NONE	NONE	Surface
9 5/8"	36.00	NEW	4785'	Howco	NONE	NONE	Intermediate
2 7/8"	6.50	NEW	10190'	Howco	NONE	See attached	Production
2 7/8"	6.50	NEW	10187'	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
17 1/2"	13 3/8"	355'	400	Howco		
12 1/4"	9 5/8"	4800'	1700	Howco		
8 5/8"	2 7/8"	10200'	1900	Howco		
8 5/8"	2 7/8"	10200'	1900	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 10,200'

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 10,200 feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing June 4, 1964
 OIL WELL: The production during the first 24 hours was 262 barrels of liquid of which 54% was oil; _____% was emulsion; 46% water; and _____% was sediment. A.P.I. Gravity 10.4
 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. 1530'	T. Penn 10102'	T. Ojo Alamo	
T. Salt. 1660'	T. Silurian	T. Kirtland-Fruitland	
E. Salt. 2720'	T. Montoya	T. Farmington	
T. Yates. 2830'	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen. 3815'	T. Eilenburger	T. Point Lookout	
T. Grayburg	T. Gr. Wash	T. Mancos	
T. San Andres. 4545'	T. Granite	T. Dakota	
T. Giorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs	T.	T.	
T. Abo. 7950'	T.	T.	
T. Foxabo Reef 8443'	T.	T.	
T. Wolfcamp. 9095'	T.	T.	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	195	195	Caliche				
195	1130	935	Redbed				
1130	1530	400	Redbed & Anhy				
1530	2720	1190	Anhy & Salt				
2720	3840	1120	Anhy, Salt & Lime				
3840	4430	640	Anhy & Dolomite				
4430	5110	630	Dolomite & Sand				
5110	6320	1210	Dolomite & Lime				
6320	7660	1320	Dolomite, Lime & Sand				
7660	8710	1050	Dolomite & Shale				
8710	9343	633	Lime & Shale				
9343	9990	647	Lime, Shale & Sand				
9990	10200	210	Lime, Dolomite & Chert				
ED	10200						

All measurements from rotary table or 12' above ground level.

Estimate Number 8044

- 6 - MOCC
- 1 - SIO-Santa Fe
- 1 - Humble Oil Co. - Box 2347 - Hobbs
- 1 - Humble Oil Co. - Box 2107 - Monahans
- 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. H. D. Raymond June 10, 1964
 Address: P. O. Box 728 - Hobbs, New Mexico
 Name: H. D. Raymond Position or Title: Assistant District Superintendent

State of New Mexico "R" NCT-3 Well No. 15

Spudded 17 1/2" Hole 1:00 A. M. February 28, 1964. Ran 344' of 13 3/8" O. D. Casing and cemented at 355' with 400 Sx. Class "A" 2% Class "C" cement. Plug at 325'. Cement Circulated. Tested before and after drilling plug for 30 minutes with 600 P. S. I. Tested O. K. Job complete 10:30 A. M. February 28, 1964.

Ran 4785' of 9 5/8" O. D. Casing and cemented at 4800' with 1500 Sx. Class "C" 8% gel, and 200 Sx. Class "C" neat. Plug at 4766'. Tested 9 5/8" O. D. Casing for 30 minutes with 1000 P. S. I. before and after drilling plug. Tested O. K. Job complete 12:00 Noon, March 14, 1964.

Whipstock set at 6838' to correct well back to vertical. Report of survey will be filed with well completion Form C-105 to New Mexico Oil Conservation Commission.

D. S. T. No. 1, from 9720' to 9820', Tool open one hour with fair blow thruout test. Recovered 930' SOGCM. HI&HO-4457, IF-692, FF-1589. Temperature 141°. Job complete 3:00 P. M. May 10, 1964.

D. S. T. No. 2, from 9275' to 9415', Tool open one hour, with gas to surface in 51 minutes, TSTM, fair blow. Recovered 500' OGCM, and 2584' sulphur water. HI-4244, HO-4265, IF-297, FF-1396, Temperature 137°. Job complete 1:30 P. M. May 11, 1964.

Vacuum Wolfcamp Zone: Ran 10,190' of 2 7/8" O. D. Casing and cemented at 10,200'. Plug at 10,195'.

Vacuum Abo Reef Zone: Ran 10,187' of 2 7/8" O. D. Casing and cemented at 10,200'. Plug at 10,192'.

Cemented above strings with 500 Sx. Class "C" 2% gel with FRA, 1500 Sx. Class "C" 4% gel, plus 400 Sx. Class "C" 2% gel, with 500 gals acetic acid in each string. Tested above strings for 30 minutes with 1500 P. S. I. Tested O. K. Job complete 1:00 P. M. May 14, 1964.

Vacuum Abo Reef Zone: Perforate 2 7/8" O. D. Casing with one jet shot at 8495', 8496', 8510', 8511', 8528', 8529', 8535', 8536', 8557', 8558', 8589', 8590', 8605', 8606', 8646', 8647', 8655', 8656', 8677', 8678', 8705', and 8706'. Acidize with 500 gals LSTNE. Swab well. Re-acidize with 11,000 Gals LSTNE in 11 stages with 2 ball sealers between each stage. Swab well.

On 24 Hour Potential Test well swabbed 142 BO and 120 BW, ending 7:00 A. M. June 5, 1964.

GOR - 747

GRAVITY - 40.4

Top of Pay - 8495'

Btm of Pay - 8706'

NMOCC Date - May 12, 1964.

TEXACO Inc. Date - June 5, 1964.

Vacuum Wolfcamp Zone: Shut In.