

Submit to: Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised June 10, 2003

District I
1625 N French, Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-33919
5. Indicate Type Of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____			7. Lease Name or Unit Agreement Name Bertha Barber		
b. Type of Completion: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input checked="" type="checkbox"/> OTHER _____					
2. Name of Operator Marathon Oil Company			8. Well No. 48 16		
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487			9. Pool name or Wildcat Monument Blinbry (46990)		
4. Well Location Unit Letter <u>K</u> : <u>2140</u> Feet From The <u>South</u> Line and <u>1650</u> Feet From The <u>West</u> Line Section <u>5</u> Township <u>20-S</u> Range <u>37-E</u> NMPM Lea County					
10. Date Spudded 05/19/07	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.) 05/28/2007	13. Elevations (DF & RKB, RT, GR, etc.) 3554' GR	14. Elev. Casinghead	
15. Total Depth 7806'	16. Plug Back T.D. 5890'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 5604' - 5802' Blinbry				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run No (Perforated off original logs on file w/ NMOCDD)				22. Was Well Cored No	
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48 #	490'	17 1/2"	545 sks	
8 5/8"	32 & 24 #	2429'	11"	950 sks	
7"	23 #	5122'	7 7/8"	150 sks	
				2	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
4 1/2"	4812	7796	235		
26. Perforation record (interval, size, and number) 5604-30, 5684-5730, 5744-5760, 5770-5787, 5792-5802 .0380 diameter 218 holes			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5604' - 5802' 8126 qals 15% HCL acid		
28. PRODUCTION					
Date First Production 05/28/2007		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping			Well Status (Prod. or Shut-in) Active
Date of Test 05/31/2007	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 7.8	Gas - MCF 59
Flow Tubing Press. 48	Casing Pressure 35	Calculated 24-Hour Rate	Oil - Bbl. 7.8	Gas - MCF 59	Water - Bbl. 328
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By Dale Boland
30. List Attachments Wellbore diagram					
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief					
Signature <u>Charles E. Kendrix</u>		Printed Name Charles E. Kendrix		Title Reg Compliance Rep Date 07/24/2007	
Email address cekendrix@marathonoil.com					

dm

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northeastern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp		T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____

No. 3, from ----- to -----

No. 2, from ----- to -----

No. 4, from ----- to -----

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 _____

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

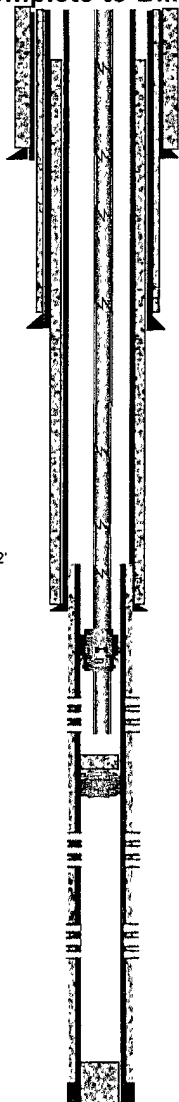
From	To	Thickness in Feet	Lithology



Bertha Barber No 16 Re-complete to Blinebry

Marathon Oil Company
Bertha Barber No 16
29-Jul-07

Top of cmt @ 55'
on intermediate csg



Surface Casing
13 3/8" 48# H-40 set @ 490' w/ 545 sks cmt

Intermediate Casing
8 5/8" 24# K-55 set @ 2429 w/ 980 sks cmt

Top of 4 1/2" Liner @ 4812'

7" 23# K-55 @ 5122' set w/ 150 sks cmt

TAC @ 5508'

Bottom of tbg @ 5878'

Blinebry Perfs @ 5604'-5802' 218 holes

CIBP @ 5900' w/ 10' cmt on top (New PBTD 5890')

Tubb Perfs @ 6418 - 6481 66 holes

Abo Perfs @ 7204-7230 54 holes

Production Liner
4 1/2" 11 6# K-55 @ 7796' cmt w/ 235 sks cmt

Well Name & Number	Bertha Barber No 16		Lease	Bertha Barber	
County or Parish	Lea	State/Prov	New Mexico	Country	USA
Perforations (MD)	5604' - 5802		(TVD)		
Date Completed	5/28/2007			RKB	
Prepared By	Charles Kendrix		Last Revision Date	07/24/07	