

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.
30-025-06821
5. Indicate Type Of Lease
STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. Type of Completion:
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ OTHER _____
2. Name of Operator
Marathon Oil Company
3. Address of Operator
P.O. Box 3487 Houston, TX 77253-3487
7. Lease Name or Unit Agreement Name
W.S. Marshall B
8. Well No.
4
9. Pool name or Wildcat
Penrose Skelly Grayburg (50350)

4. Well Location
Unit Letter L : 1980 Feet From The SOUTH Line and 660 Feet From The WEST Line
Section 27 Township 21S Range 37E NMPM County _____

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.) 7/27/2007	13. Elevations (DF & RKB, RT, GR, etc.) 3415' GR, 3427' KB	14. Elev. Casinghead
15. Total Depth 6555'	16. Plug Back T.D. 4990'	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 Penrose Skelly Grayburg 3806'-3864'				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run				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
13 3/8"	48	299'	17"	250
8 5/8"	32	2800'	11"	1500
5 1/2"	17	6520'	8"	500

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	3998	TAC @ 3719

26. Perforation record (interval, size, and number) Grayburg 3806' - 3827', 3835' - 3837', 3844' - 3864' .380 diameter 171 total holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3806' - 3864'	5000 gals 15% NEFE acid
	3806' - 3864'	1518 bbls gel pad w/ 3806' - 3864'

28. PRODUCTION
Date First Production 7/27/2007
Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping
Well Status (Prod. or Shut-in) Active
Date of Test 7/27/2007
Hours Tested 24
Choke Size N/A
Prod'n For Test Period 78
Oil - Bbl. 78
Gas - MCF 88
Water - Bbl. 295
Gas - Oil Ratio 1128
Flow Tubing Press. 250
Casing Pressure 470
Calculated 24-Hour Rate 78
Oil - Bbl. 78
Gas - MCF 88
Water - Bbl. 294
Oil Gravity - API -(Corr.)
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold
Test Witnessed By

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 Susie Campos
Printed Name Susie Campos
Title Assist. Reg. Tech. Date 1/8/2008
E-mail address icampos@marathonoil.com

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. 2, from _____ to _____

No. 3, 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

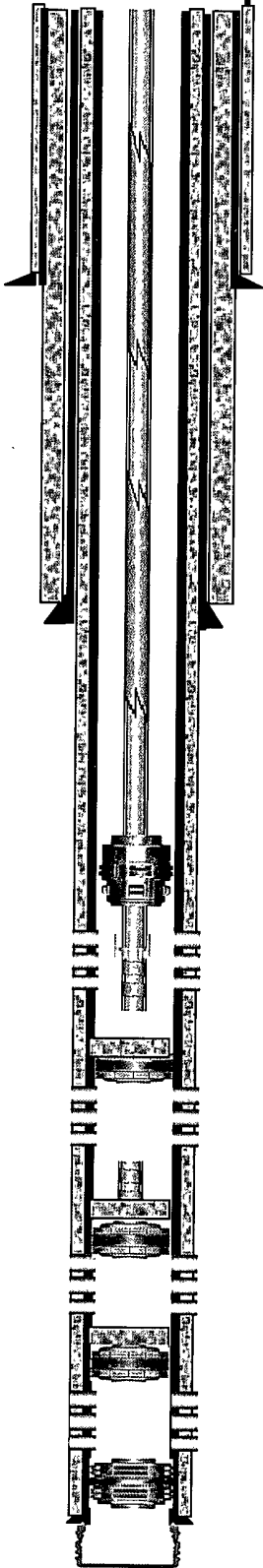
From	To	Thickness in Feet	Lithology



W.S. Marshall B No 4
Plugback Paddock Re-complete Grayburg

Marathon Oil Company
W.S. Marshall B No 4
UL"L", Sec 27, T-21-S, R-37-E
27-Jul-07

Well Spud on 04/10/1947
Elevation GL 3415'



Surface Casing
13 3/8" 48# Set @ 299' w/ 250 sks

Intermediate Casing
8 5/8" 32# set @ 2800" w/ 1500 sks cmt.
Cmt to suface

Tbg Anchor @ 3719'

SN @ 3905'

Bottom of tbg @ 3998'

Fish @ 5340' 12/2005

Baker Model D pkr
Set @ 6505' w/ DR plug

Penrose Skelly Grayburg 3806'-3864'

PBTB @ 4990'
CIBP @ 5000' w 10' cmt.
Paddock Perforations 5060'-5335'

CIBP @ 5450' w/ 10' cmt.

Blinbry Perforations 5510'-5570'

CIBP @ 6000' w/ 10' cmt.

Drinkard Perforations 6352'-6492'

5 1/2" 17# csg Set @ 6520' Cmtd w/ 500 sks
Drinkard Open Hole 6520'-6555'
TD 6555"

Well Name & Number:	W.S. Marshall B No 4		Lease	W.S. Marshall B	
County or Parish:	Lea	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	3806'-3864'		(TVD)	6555'	
Date Completed:	07/27/07			RKB:	
Prepared By:	Charles Kendrix		Last Revision Date:	01/15/08	