

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.
30-025-37592
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
4. Well Location
Unit Letter N : 990 Feet From The South Line and 1980 Feet From The West Line
Section 27 Township 21-S Range 37-E NMPM Lea County
7. Lease Name or Unit Agreement Name
Marshall B
8. Well No.
13
9. Pool name or Wildcat
Penrose Skelly Grayburg 50350

10. Date Spudded 11/07/2006
11. Date T.D. Reached
12. Date Compl. (Ready to Prod.) 11/20/2006
13. Elevations (DF & RKB, RT, GR, etc.) GR 3413'
14. Elev. Casinghead
15. Total Depth 4330'
16. Plug Back T.D. 3927'
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
3682' - 3876'
20. Was Directional Survey Made
No
21. Type Electric and Other Logs Run
None
22. Was Well Cored
No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	437'	12 1/4"	280 sks to surface	
5 1/2"	15.5#	4320'	7 7/8"	750 sks lead	
				300 sks tail 190' f/ surf	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

SIZE	DEPTH SET	PACKER SET
2 7/8"	3905'	TAC @ 3569

26. Perforation record (interval, size, and number)
3682'-88, 3766'-70', 3804-10', 3826-40', 3872-76
0.380 diameter
36 holes
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
3682'-3876' 2100 gals 15% HCL
3682'-3876' 2281 bbls gel w/ 200,080 lbs sand

PRODUCTION

28. Date First Production 11/20/2006
Production Method (Flowing, gas lift, pumping - Size and type pump)
Pumping
Well Status (Prod. or Shut-in)
Active
Date of Test 12/17/2006
Hours Tested 24
Choke Size N/A
Prod'n For Test Period 57
Oil - Bbl. 57
Gas - MCF 236
Water - Bbl. 303
Gas - Oil Ratio 4140
Flow Tubing Press. 100
Casing Pressure 90
Calculated 24-Hour Rate 57
Oil - Bbl. 57
Gas - MCF 236
Water - Bbl. 303
Oil Gravity - API (Corr.) 36.8

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold
Test Witnessed By
Kevin Silco

30. List Attachments
Wellbore

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 Charles E. Kendrix Printed Name Charles E. Kendrix Title Reg Compliance Rep Date 02/12/2007
E-mail address cekendrix@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. 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

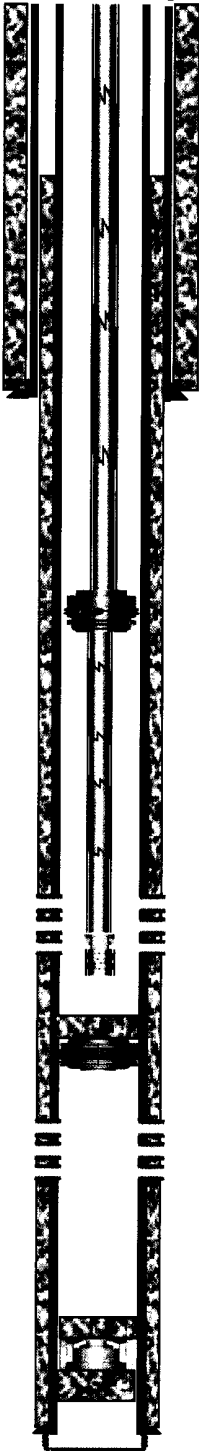
From	To	Thickness in Feet	Lithology



W.S. Marshall B No. 13
Plugback San Andres Completed to Grayburg

Well Spud on 03/30/2006
GL Elevation 3413'

Marathon Oil Company
W.S. Marshall B No. 13
UL"N", Sec 27, T-21-S, R-37-E
20-Nov-06



Cement on production casing @ 190' f/ surface

Surface Casing
8 5/8" 24# J-55 set @ 437' w/ 280 sks cmt.
Cmt to surface

TAC @ 3569'

Seating Nipple @ 3846'
Bottom of tubing @ 3905'

Tubing Anchor @ 3886'
Grayburg Perforations 3682' - 3876'

PBTD CIBP@3950 w/ 23' of cement on top.

San Andres Perforations
3996' - 4130' 178 shots

Production Casing
5 1/2" 17# J-55 Set @ 4320' Cmt'd w/ 1050 sks

TD @ 4330'

Well Name & Number:	W.S. Marshall B No. 13		Lease	W. S. Marshall	
County or Parish:	Lea	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	3682' - 3876'		(TVD)	4330'	
Date Completed:	11/20/06			RKB:	
Prepared By:	Charles Kendrix		Last Revision Date:	02/12/07	