

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.
30-025-06126
5. Indicate Type Of Lease
STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
A-3071

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. Lease Name or Unit Agreement Name Hansen State	
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☒ OTHER _____			
2. Name of Operator Marathon Oil Company		8. Well No. 3	
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487		9. Pool name or Wildcat Eunice Monument Grayburg San Andres	
4. Well Location Unit Letter <u>A</u> : <u>660</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>20-S</u> Range <u>37-E</u> NMPM Lea County			
10. Date Spudded 10/09/07	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.) 10/19/2007	13. Elevations (DF & RKB, RT, GR, etc.) 3562' GR
14. Elev. Casinghead			
15. Total Depth 7986'	16. Plug Back T.D. 5140	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 4018' - 4092' Grayburg San Andres			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	AMOUNT PULLED
9 5/8"	36#	266'	11"	200 sks	
7"	24#	3700'	8 3/4"	800 sks	
4 1/2"	11.6#	7963'	6 1/8"	730 sks	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	4184'	TAC@3892'

26. Perforation record (interval, size, and number) 4018'-22', 4025'-28, 4032'-34', 4043'-45', 4049'-51', 4052'-54', 4069'-72', 4076'-78', 4084'-86', 4088'-92' .380 diameter 26 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED		
				4018'-4092'	168 gals 7 1/2% NEFE HCL Acid		
				4018'-4092'	1500 gals 15% NEFE HCL acid		

28. PRODUCTION							
Date First Production 10/20/2007		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Active	
Date of Test 11/02/2007	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl. 36	Gas - MCF 579	Water - Bbl. 222	Gas - Oil Ratio 16.083
Flow Tubing Press. 165	Casing Pressure 165	Calculated 24-Hour Rate	Oil - Bbl. 36	Gas - MCF 579	Water - Bbl. 222	Oil Gravity - API -(Corr.) 38.6	

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

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 Charles E. Kendrix Printed Name Charles E. Kendrix Title Reg. Compliance Rep. Date 11/29/2007
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 4018	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 5148	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry 5696	T. Gr. Wash	T. Morrison	T.
T. Tubb 6320	T. Delaware Sand	T. Todilto	T.
T. Drinkard 6611	T. Bone Springs	T. Entrada	T.
T. Abo 6916	T.	T. Wingate	T.
T. Wolfcamp		T. Chinle	T.
T. Penn 7751	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

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

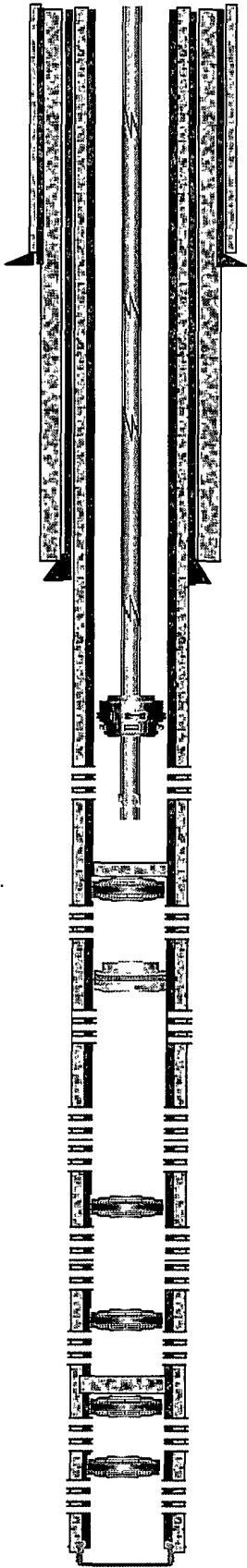
From	To	Thickness in Feet	Lithology



Hansen State No 3
PB Paddock RC to Monument GBSA

Well Spud on 06/257/1937
Elevation GL 3562'

Marathon Oil Company
Hansen State No 3
UL"A", Sec 16, T-20-S, R-37-E
30-Nov-07



Surface Casing
9 5/8" 36# Set @ 266' w/ 200 sks

Intermediate Casing
7" 24# set @ 3700" w/ 800 sks cmt.
Cmt to suface

Tubing Anchor @ 3892'

Seating Nipple @ 4160'
End of Tbg @ 4184'

CIBP @ 5150' w/ 10' cmt.

Retrievable BP @ 5536'

CIBP @ 6620'

CIBP @ 6966'

CIBP @ 7680 w/ 35' cmt

CIBP @ 7815'

TD@ 7986'

Grayburg San Andres Perfs 4018-4092

Paddock Perforations 5080' - 5150'

Blinbry perforations 5617-31, 5633-37, 5647-51
5660-67, 5670-80, 5685-5706, 5708-16, 5724-32, 5743-4

Tubb perforations 6345-60, 6370-90, 6401-13' 6419-25,
6432-35, 6440-50, 6456-65, 6470-92, 6498-6501, 6515-2,
6528-32, 6540-48, 6553-60

Drinkard perforations 663'-60, 6664-89, 6697-6701
6706-15, 6718-29, 6746-51, 6756-60, 6764-66,
6790-6802, 6808-16, 6832-40

Abo perforations 7042' - 7052'

Penn perforations 7758' - 7780'

Penn perforations 7848' - 7865'

Production Casing
4 1/2" 11.6# csg Set @ 7963' Cmtd w/ 730 sks

Well Name & Number:	Hansen State No 3		Lease	A-3071	
County or Parish:	Lea	State/Prov.	New Mexico	Country:	USA
Perforations: (MD)	4018' - 4092'		(TVD)	7986'	
Date Completed:	10/19/07				RKB:
Prepared By:	Charles Kendrix		Last Revision Date:	11/30/07	