

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

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

WELL API NO. 30-025-34203
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. A-3071
7. Lease Name or Unit Agreement Name: Hansen State
8. Well Number 8
9. OGRID Number 14021
10. Pool name or Wildcat Eunice Monument Grayburg San Andres

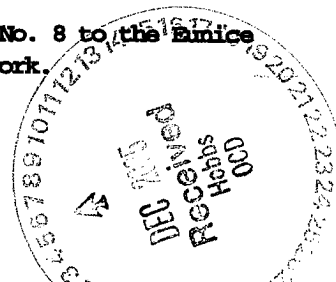
SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3354' GR
2. Name of Operator Marathon Oil Company	
3. Address of Operator P.O. Box 3487 Houston, TX 77253-3487	
4. Well Location Unit Letter G : 1650' feet from the North line and 1890' feet from the East line Section 16 Township 20-S Range 37-E NMPM County Lea	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Re-completion work <input checked="" type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Marathon Oil Company has completed operations to re-complete the Hansen State No. 8 to the Eunice Monument Grayburg San Andres pool. Please see attachment for details of well work.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Charles E. Kendrick TITLE Engineering Technician DATE 11/22/2005

Type or print name **Charles E. Kendrick**

E-mail address: **cekendrix@marathonoil.com** Telephone No. **713-296-2096**

For State Use Only

APPROVED BY [Signature] TITLE PETROLEUM ENGINEER DATE DEC 15 2005

Conditions of Approval, if any:

2A Monument Paddock

Hansen State No. 8
Re-complete to Grayburg San Andres

- 10/21/2005 RU PU. RU reverse unit pressure test casing and CIBP to 500 psi. Install BOPE. POOH w/ 163 jts 2 3/8" tubing. (5051')
 RIH w/ 4 3/4" bit, 5 1/2" casing scraper, and 163 jts tubing.
 POOH laid down 29 jts tubing. Tried to pressure test remaining tubing. Would not hold pressure. SI well.
- 10/22/2005 POOH w/ 2 3/8" tubing, casing scraper, and bit. RIH hydrotesting tubing to 5000 psi. Ran new seating nipple on 134 jts tubing. Bottom of tubing at 4163'. Circ hole clean w/ 100 bbls fresh water. SI well
- 10/24/2005 RU Macklasky acid pump truck. Pump 10 bbls 7 1/2 % HCL acid down tubing and displace 16 bbls fresh water to pickle tubing. Reverse acid out w/ 50 bbls fresh water. Spot 10 bbls 7 1/2% NEFE HCL acid f/ 3737' to 4163'. RU Baker Atlas Gamma Ray CCL and Perforating guns. Perforate top down with 311T w/ 23 gram w/ 1 JSPF, 120° phasing in eleven intervals in eleven gun runs from 3896' to 4207' details as follows:

Interval	Feet	Shots
3896' – 3902'	6'	6
3908' – 3931'	23'	23
3938' – 3958'	20'	20
3969' – 3975'	6'	6
3991' – 4003'	12'	12
4015' – 4020'	5'	5
4047' – 4059'	2'	2
4067' – 4089'	22'	22
4132' – 4136'	4'	4
4153' – 4157'	4'	4
4201' – 4207'	6'	6
Totals	110'	110 shots

RD Baker Atlas. Load casing and displaced acid into perforations w/ 12 bbls water. SI well.

- 10/25/2005 RIH w/ 5 1/2" Arrow set packer, 2 3/8" seating nipple, 124 jts 2 3/8" tubing, 2 3/8" X 2 7/8" cross over, 6 ft 2 7/8" tbg sub. Pumped 100 bbls water w/ packer fluid down annulus. Set packer @ 3053'in 17,000 pts compression on 124 jts. ND BOP and installed wellhead. Tested casing annulus to 500 psi. RU swab. Initial FL @ 1000' f/ surface. Made 12 swab runs and recovered 53 bbls load water. FL fell to 1600' on 8th run, and came back to 1400' to 11th run. Well started flowing 14 bph on 18/64th choke. Well had 400 psi shut in tubing pressure. SI well. Got 75 bbls water for the day.

- 10/26/2005 Shut in tubing press 575 psi. Blew well down. RU swab. Initial FL @ 1000' f/ surface. Made 6 swab runs. Recovered 24 bbls load water. Well started flowing. Flowed 29 bbls in 2 hrs. Well flowed 88 bbls water on 20/64th choke w/ 150 to 180 mcf flow rate. Leave well flowing to facilities.
- 10/27/2005 Well flowing on 22/64" choke w/ 150 to 200 psi flowing tubing pressure. RD PU leave well flowing to facilities.
- 10/28/2005 – 11/01/2005 Well died.
- 11/02/2005 RU McClaskey Acid truck. Test lines to 5000 psi. Pump 6300 gals 15% HCL acid. Dropped ball sealers. Balled out w/ 4000 psi. Stopped pumping let balls fall off. Resuming pumping acid. SI well.
- 11/07/2005 MIRU swab unit. Tubing pressure = 350 psi. RIH w/ swab Initial FL @ 1600'. Made 6 swab runs, recovered 21 bbls water. SI.
- 11/08/2005 SI tubing pressure= 350 psi. Bleed down well. RIH w/ swab initial FL @ 1000'. Made 6 swab runs, well started flowing. Turn well to facilities. Recovered 371 bbls water. Well flowed overnight.
- 11/09/2005 Well flowing to production facilities. RDPU.