| | | | | r | State of N | | | | | Form C-101 |
|--|--|--|--|---|--|--|---|--|---|--|
| District I 1625 N. French Di | r., Hobbs, NN | 1 88240 | | Energy, | Minerals & | Natu | ral Resources | | | May 27, 2004 |
| District II 1301 W. Grand Av | venue, Artesia | , NM 88210 | i | C | | | D | Si | ubmit to approv | priate District Office |
| District III 1000 Rio Brazos F | Rd., Aztec, N | M 87410 | | | Dil Conserv | | | 5 | aonia to approp | shale District Office |
| District IV | . , | | | | 1220 S. St | | | | | |
| 1220 S. St. Franci | | | | | Santa Fe, | | | | | ENDED REPORT |
| | ATION | | erator Name an | | LL, RE-E | NTE | R, DEEPEN, | PLUGBACI | K, OR ADI | D A ZONE |
| Marathon Oi | 1 Company | - | erator name ar | ia Address | | | | | ² OGRID Numbe 014021 | er 🗾 |
| P.O. Box 34 | | | $1 \cdot \tau$ | | 12050 | | | 0.0 | ³ API Number | |
| | rty Code | <u> 17045</u> | ton, T | <u>. /</u> | ⁵ Property | Name | | 30- 02 | 5-369 | 63 ell No. – |
| 63 | 99 | | | | Dayton H | | | | °we | 4 |
| | Penno | ⁹ Proposed | Pool 1 y Graybury | - | | | | ¹⁰ Proposed Po | pol 2 | |
| | Fento | se gvett | y Grayburg | 4 | 7 ₆ | 1 I | • | | | |
| UL or lot no. | Section | Township | Range | Lot. Idn | ⁷ Surface | | | | | · · · · · · · · · · · · · · · · · · · |
| J | 20 | 21-S | 37-E | Cot. Idi | 231 | | North/South Line | Feet from the 2310' | East/West line | County |
| | . | 8 | Proposed] | Bottom | | | Different Fro | | East | Lea |
| UL or lot no. | Section | Township | Range | Lot. Idn | | | North/South Line | Feet from the | East/West line | |
| | | | | | | | | recembin the | Laso west line | County |
| | | | | А | dditional W | /ell Lo | ocation | | | I |
| ¹¹ Work Typ | | | ¹² Well Type Co | ie | ¹³ Cable/I | - | ¹⁴ Leas | e Type Code | ¹⁵ Ground I | evel Elevation |
| ¹⁶ Multi | | | Oil 7 Proposed Dep | | ¹⁸ Forma | - | 19 - | P Contractor | | 500' |
| | F | | 4,500' | | Gray | | | ontractor | ſ - | ud Date |
| Depth to ground | | > 50' | | Distance fr | om nearest fresh | water w | /ell | Distance from neare | | |
| Pit: Liner: Syn | thetic X 12 | | thick Cla | y 🗖 | Pit Volume 2 | .000 | obls Drilling Meth | 04 12829303 | | |
| | op System | | thick Cla | y 📖 | | | | GL | 7 | |
| | | | | | | | | | 11 | |
| | | | 21- | | | | | | I-baseor | Gas/Air |
| r | | 1 | | Propose | | | ment Program | | - ST | Gas/Air |
| Hole Si | | 1 | ²¹] sing Size | | | nd Cer | ment Program | Sacks of Cerrif | 3 0 | stimated TOC |
| Hole Si 11" | ze | Cas | | | d Casing ar | nd Cer | ment Program | Sacks of Celler | | |
| | ze | Cas 8 | sing Size | | d Casing ar g weight/foot | nd Cer | ment Program | Sacks of Celler | | stimated TOC |
| 11" | ze | Cas 8 | sing Size .625" | | d Casing ar g weight/foot 24# | nd Cer | ment Program | Sacks of Celler | | stimated TOC surface |
| 11" | ze | Cas 8 | sing Size .625" | | d Casing ar g weight/foot 24# | nd Cer | ment Program | Sacks of Certag | | stimated TOC surface |
| <u>11"</u> 7.875 | ze 5" | Cas 8 | sing Size .625" 5.5" | Casing | d Casing ar g weight/foot 24# 17 | nd Cer | ment Program etting Depth 400' 4,500' | Sacks of Center 1502 820 820 820 820 | 000 20 20 20 20 20 20 20 20 20 20 20 20 | stimated TOC surface surface |
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| 1625 N. FRENCH DR., | HOBBS, NM 86: | 240 | | Energy, | Minerals and | i Natural i | Resources Department | | E | C 100 | |
|--|---------------|---|---------------------|------------|---------------|-------------------------|-------------------------------|---------------------------------------|---|------------|--|
| DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 86210 DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 | | Form C-10 Revised JUNE 10, 200 OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505 Form C-10 Submit to Appropriate District Offic State Lease - 4 Copie Fee Lease - 3 Copie | | | | | | | | | |
| DISTRICT IV | | NM 87505 | WELL LO | CATION | AND | ACREA | GE DEDICATI | ON PLAT | amend | ED REPORT | |
| 1 | Number | 2. ~ | | Pool Code | | Ĩ |) | Pool Name | | | |
| 30-025-36963 | | | 50 | <u>350</u> | | F | enerose | SKelly | (Graybur | · q) | |
| Property (0) [0] (0) (0) [0] (0) (0) [0] (0) (0) (0) (0) (0) (0) (0) (0) (0) (0) | | | | | Prop DAYTO | erty Nam | | 7 | Well Nun | aber | |
| | | | | | | ator Nam | | · · · · · · · · · · · · · · · · · · · | 4 | | |
| 0GRID No. 14021 | | | | MARA | | | COMPANY | | Elevation 3500' | | |
| | | | | | Surfac | ce Loca | ation | | | | |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet fro | om the North/South line | | Feet from the | East/West line | County | |
| J. | 20 | 21-S | 37-E | | 23 | 10 | SOUTH | 2310 | EAST | LEA | |
| | | · · · · · · · · · · · · · · · · · · · | Bottom | Hole Loo | cation I | f Diffe | rent From Sur | face | | | |
| UL or lot No. | Section | Township | Range | Lot Idn | Feet fro | m the | North/South line | Feet from the | East/West line | County | |
| | | | | | | | | | | | |
| Dedicated Acres | s Joint o | r Infill Co | nsolidation | Code Or | der No. | | | | | . | |
| | WADTE W | | | | | | | | | | |
| NO ALLU | MADLE W | OR A N | SSIGNED NON-STAN | DARD UN | IT HAS | BEEN | NTIL ALL INTER APPROVED BY | RESTS HAVE BE THE DIVISION | EN CONSOLIDA | ATED | |
| [| | | | | | | | | | ······ | |
| | I | GE | ODETIC CO | | S | 1 | | OPERATO | R CERTIFICAT | TION | |
| | | | NAD 2 | / NME | | | | I hereby | y certify the the in | formation | |
| | | | Y=5342 | | | 1 | | | is true and compl | ete to the | |
| | | | X=8546 | 26.0 E | | | | uest of my know | ledge and belief. | | |
| | 1 | L | AT.=32*27 | '48.17" N | 1 | 1 | | | " | | |
| | | LO | NG.=103*1 | 1'00.86" | W | | | m7m7m | ick | | |
| | ' 1 | | · • | <u> </u> | | | | Signature | \mathcal{D} | | |
| | | | | | | | | <u>mre</u> | Mick | | |
| | | | | | | , I | | A J. | ° C – T | | |
| | | | | | | | | Title | n. Eng. To -04 | ch | |
| | 1 | | | | | 1 | | 11.20 | -04 | | |
| | | | | 1 | | | | Date | | | |
| | 1 | | | | | 1 | | SURVEYO | R CERTIFICAT | TON | |
| | | | | | o, AC. | | | -11 | | | |
| | 1 | | | | | | 10' | I hereby certify on this plat wo | that the well locati is plotted from field | ion shown | |
| | Í | | | ê F | | 1 | | actual surveys | made by me or | under my | |
| | I | | | | | 4 | | correct to the | d that the same is s best of my beliej | true and | |
| | 1 | | | | - | | | | ····· | - | |
| | | | | | #! | 5 / | | | BER 12, 2004 | | |
| | | | | | #* ///// | | | Date Surreye | | JR | |
| | [| | | 10 | | | | - Signature & Professional | Surveyor | | |
| | i | | | -23 | | 1 | | | | | |
| | | | | | | ł | | par a | The man | | |
| | F . | | | | | 1 | | 1 À | 4.11.1335 | .107 | |
| | | | | | | | | Contintation | | | |
| | I . | | | | | | | Certificate No | CARY EDSON | 12641 | |
| · · · · · · · · · · · · · · · · · · · | 1 | | | <u> </u> | | | | | unomenen. | | |

DISTRICT I

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State of New Mexico

SECTION 20, TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO

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2

| | | 6 | 00' | | | |
|-------------------------------|--|-------------------------|--|----------------------|--|--------------------------|
| | | 0F1 349 | NORTH FSET 98.1' Э | | | Month Month |
| 600' | 150' WEST OFFSET ⊡ 3499.3' | (ELEV. LAT.=32°2 | HARDY #4 3499.5' 27'48.17" N 211'00.86" W | 🗆 OFI | EAST FSET 98.3' | 600' |
| | | 150' OFI | D SOUTH FSET 98.0' | | | |
| | | 6 | 00' | | | |
| DIRECTIONS TO | D LOCATION | | | | | |
| CO. RD. #E33 TURNER RD. F | ERSECTION OF ST. HWY. # (N. TURNER RD.) GO NO OR APPROX. 1.5 MILES TO ON THE LEFT. TURN LEFT. | RTH ON N. DA | 100 Б <u>н</u> н н н | 0 H H Scale:1* | 100 = 100' | 200 Feet |
| AND GO APPRI IS APPROX. 40 | OX. 0.4 MILES. PROPOSED | LOCATION | MAR | PATHON | OIL CON | IPANY |
| | PROVIDING SURVEYING SERVIC SINCE 1946 IQUINI WEST SURVEYING CO | | AND 2310 F | 'EET FROM THE | ROM THE SOUTH EAST LINE OF . ANGE 37 EAST, | SECTION 20 |
| | JOHN WEST SURVEYING CC 412 N. DAL PASO HOBBS, N.M. 88240 | IMPANY | Survey Date: 10 W.O. Number: 04 | | Sheet 1 By: J.R. | of 1 Sheets Rev 1:N/A |
| | (505) 393-3117 | / | | | | 1.197 |

Date: 10/27/04 Disk: CD#10

04111335

Scale:1 "=100

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. <u>20</u> TWP.<u>21–S</u> RGE.<u>37–E</u> SURVEY_______N.M.P.M. COUNTY______LEA DESCRIPTION <u>2310'</u> FSL <u>& 2310'</u> FEL ELEVATION______3500' MARATHON OPERATOR_____OIL_COMPANY LEASE_____DAYTON_HARDY

5E



LOCATION VERIFICATION MAP



DRILLING CONTROL





DRILLING CONTROL

MATERIAL LIST - CONDITION II - B

Wellhead

A

c

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4

- 10000 W.P. drilling spool with a 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line.
- 30000 W.P. Dual ram type preventer, hydraulic operated with 1° steel, 30000 W.P. control lines (where substructure height is adequate, 2 - 30000 W.P. single ram type preventers may be utilized).
- Rotating Head with fill up outlet and extended Blooie
- 1.3,4, 2" minimum 3000# W.P. flanged full opening steel gate 7,8, valve, or Halliburton Lo Torc Plug valve.
 - 2" minimum 3000# W.P. back pressure valve.
- 5,6,9 3" minimum 30004 W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 12 3" minimum schedule 80, Grade "B", seemless line pipe.
- 13 2" minimum x 3" minimum 3000# W.P. flanged cross.
- 10,11 2° minimum 3000# W.P. adjustable choke bodies.
- 14 Cameron Hud Gauge or equivalent (location optional in choke line).
- 15 2" minimum 3000f W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.

| District II Energy M | tate of New Mexico linerals and Natural Resources | Form C-14 March 12, 200 |
|--|--|--|
| District III 1000 Rio Brazos Road, Aztec, NM 87410 Oil District IV 1220 | Conservation Division 0 South St. Francis Dr. Santa Fe, NM 87505 | For drilling and production facilities, submit to appropriate NMOCD District Office. For downstream facilities, submit to Santa Fe office |
| Is pit or below-grade tar | ade Tank Registration or (nk covered by a "general plan"? Yes or below-grade tank 	Closure of a pit or b | |
| Operator:Marathon Oil CoTelephone: Address:P.O. Box 3487 Houston, Tx. 77253 Facility or well name: _Dayton Hardy #4API #: 30.025-3696 County:LEA LatitudeLongitude | U/L or Qtr/Qtr NWSE Sec 20 T 21S | |
| Pit Type: Drilling ⊠ Production □ Disposal □ Workover □ Emergency □ Lined ⊠ Unlined □ Liner type: Synthetic ⊠ Thickness 12_mil Clay □ Volume2000_bbl | Below-grade tank Volume:bbl Type of fluid: Construction material: Double-walled, with leak detection? Yes | |
| Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) | Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more X | (20 points) (10 points) (0 points) |
| Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.) | Yes No X | (20 points) (0 points) |
| Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.) | Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more X | (20 points) (10 points) (0 points) |
| | Ranking Score (Total Points) | |
| If this is a pit closure: (1) attach a diagram of the facility showing the pit's onsite | | edial action taken including remediation start date and end th sample results. (5) Attach soil sample results and a that the above-described pit or below-grade tank has ative OCD-approved plan . |
| Your certification and NMOCD approval of this application/closure does not r otherwise endanger public health or the environment. Nor does it relieve the o regulations. | elieve the operator of liability should the con operator of its responsibility for compliance w | itents of the pit or tank contaminate ground water or vith any other federal, state, or local laws and/or |
| Approval: Date: <u>NOV 2 3 2004</u> Printed Name/Title PETROLEUM ENGINEER | Signature | A Contraction of the second se |





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