grade tank has been win be constructed or closed according to NMOCD guidelines [X], a general permit [_]or an (attached) alternative OCD-approved plan []         SIGNATURE       E. Kendrix         Type or print name       Charles E. Kendrix         For State Use Only       PETROLEUM ENGINEER         APPROVED BY       TITLE         PATE       DATE         DATE       DATE	Office         Energy, Minerals and Natural Resources         May 27, 2004           Construction         OLL CONSERVATION DIVISION 1200 South St. Francis, Dr. 30, 022, 36652         30-025, 36652           DIOW Gama Ave, Antas, NM 8210         OLL CONSERVATION DIVISION 1200 South St. Francis, Dr. 30, 022, 36652         5. Indicates Type of Least           DIOM Gama Ave, Antas, NM 8210         Samip Fe, NM 87505         5. Indicates Type of Least         7. Lase Name or Unit Agreement Name: Dataset NV           DIOM Construction         Samip Fe, NM 87505         7. Lase Name or Unit Agreement Name: Dataset NV         7. Lase Name or Unit Agreement Name: Dataset NV           DIOM Void St. THS FORM FOR PROPOSALS TO DRILL, OR TO DEFERENT RESERVOR. US: "Avelucation for PREMAT' (FORM C-101) FOR SUCH         8. Well Number         4           12. Name of Operator         9. OGRID Number         14021         14021           3. Addres of Operator         9. OGRID Number         14021         14021           3. Addres of Operator         10. Pool name or Wildent         10. Pool name or Wildent         10. Pool name or Wildent           Oti Well March Of Operator         11. Elsevant (Show whether DR, RKR, RT, GR, ecc)         3500' GL         14021           11. Elsevant (Show whether DR, RKR, RT, GR, ecc)         3500' GL         11. Elsevant         11. Elsevant           Section         20         Township 21.S. Range         37					
Office.rel       Energy, Minerals and Natural Resources       May 27, 2004         Office.rel       OUL CONSERVATION DIVISION       30-025, 3665.         DIV Mind Ave. Ancia, NM 8210       OLL CONSERVATION DIVISION       31-025, 3665.         DIVIDE Market Ave. Ancia, NM 8210       Saria Fe, NM 87505       5         DIVIDE Market Ave. Ancia, NM 8210       Saria Fe, NM 87505       5         DIVIDE Market Ave. Ancia, NM 8210       Saria Fe, NM 87505       5         State DI A Sana Fe, NM 8780       Aname or Dial Agreement Name:         Depresent Reservoir. USE -NPLOCING ON PERSIMIT (FORM C-101) FOR SUCH       1       Lase Name or Dial Agreement Name:         Depresent Reservoir. USE -NPLOCING ON PERSIMIT (FORM C-101) FOR SUCH       8       Well Number       4         1200 State DI Agreement Name:       9, OGRID Number       1402       1402         13. Additation Of Depretor       9, OGRID Number       1402       1402         14. Well Noation       TX 77253-3487       Pennose Skell's Gravitarg (50350)       4         14. Well Noation       11. Elevention Chow whether ND, R.KZ, RT, GR. ecc)       3500' GL       1600         Section       20       Township 21-S. Range       37-E. NMPM       County Lea         14. Elevention Chow whether ND, R.KZ, RT, GR. ecc)       3500' GL       SUBSEQUENT REPORT OF:	Office         Energy, Minerals and Natural Resources         May 27, 2004           Construction         OLL CONSERVATION DIVISION 1200 South St. Francis, Dr. 30, 022, 36652         30-025, 36652           DIOW Gama Ave, Antas, NM 8210         OLL CONSERVATION DIVISION 1200 South St. Francis, Dr. 30, 022, 36652         5. Indicates Type of Least           DIOM Gama Ave, Antas, NM 8210         Samip Fe, NM 87505         5. Indicates Type of Least         7. Lase Name or Unit Agreement Name: Dataset NV           DIOM Construction         Samip Fe, NM 87505         7. Lase Name or Unit Agreement Name: Dataset NV         7. Lase Name or Unit Agreement Name: Dataset NV           DIOM Void St. THS FORM FOR PROPOSALS TO DRILL, OR TO DEFERENT RESERVOR. US: "Avelucation for PREMAT' (FORM C-101) FOR SUCH         8. Well Number         4           12. Name of Operator         9. OGRID Number         14021         14021           3. Addres of Operator         9. OGRID Number         14021         14021           3. Addres of Operator         10. Pool name or Wildent         10. Pool name or Wildent         10. Pool name or Wildent           Oti Well March Of Operator         11. Elsevant (Show whether DR, RKR, RT, GR, ecc)         3500' GL         14021           11. Elsevant (Show whether DR, RKR, RT, GR, ecc)         3500' GL         11. Elsevant         11. Elsevant           Section         20         Township 21.S. Range         37	Submit 3 Conjes To Appropriate District State of New	3456788 v Merico	Form C 102		
Image: II       Difference in table, Not strate particular in the particular interval in the particular interval in the particular interval in the particular interval int	1123 N. Frenck Dr., Hoke, NM 8740       OLL CONSERVATION DIVISION       WELL API NO.         1201 W. Gand Ave., Artea, M 8210       OLL CONSERVATION DIVISION       Status Dr.         1202 N. Strate, M. 8210       Samin Fe, NM 87505       Status Dr.         1202 N. Strate Dr., Mark 200       Samin Fe, NM 87505       Status Dr.         1202 N. Strate Dr., MA 7505       Status Dr.       Status Dr.         1203 N. Strate Dr., MA 7505       Status Dr.       Status Dr.         1203 N. Strate Dr., MA 7505       Status Dr.       Status Dr.         1203 N. Strate Dr., MA 7505       Status Dr.       Status Dr.         1205 N. Strate Dr.       Status Dr.       Status Dr.       Status Dr.         1205 N. Strate Dr.       Status Dr.       Status Dr.       Status Dr.       Status Dr.         1205 N. Strate Dr.       Status Dr.       <	Office Energy Minerals and N	Natural Resources			
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Dataset IV       Dataset IV         228 St. Transit Dr., Sama Fe, NM 87505       6. State Oil & Cas Lease No.         CONTUGET INTERS DOR FOR PROPOSALS TO DATUL OR TO DEBYEN OR PLUE BACK TO A       7. Lease Name or Unit Agreement Name:         DIFFERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH       8. Well Number         POROSALS TO DATUL OR TO DEBYEN OR PLUE BACK TO A       7. Lease Name or Unit Agreement Name:         DifFERENT RESERVOR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH       8. Well Number         Address of Operator       9. OGRID Number         Marathon 011 Company       10. Pool name or Wildest         J. Address of Operator       9. OGRID Number         Marathon 011 Company       10. Pool name or Wildest         J. Address of Operator       9. OGRID Number         Marathon 011 Company       10. Pool name or Wildest         J. Address of Operator       9. OGRID Number         Marathon 011 Company       11. Elevation (Mow whether DR. RKB, RT. GR. etc.)         3500' GL       11. Elevation (Mow whether DR. RKB, RT. GR. etc.)         3500' GL       11. Elevation (Mow whether DR. RKB, RT. GR. etc.)         SUBSEQUENT REPORT OF:       11. Elevation (Mow Whether DR. RKB, RT. GR. etc.)         SUBSEQUENT REPORT OF:       11. Elevation (Mow Maria)         Cher Operator       11. Elevation (Mow Maria)	Detective       Sector       6. State Oil & Cas Lease No.         2205 St. France Dr., State Fe, NM 8/7005       6. State Oil & Cas Lease No.         COMOUSE St. SPORE OF DEPLOSE OF PULL BACK TO A       7. Lease Name or Unit Agreement Name: Dayton Hardy         Different reservors. USE tarpulcation FOR PERMIT (FORM C-101) FOR SUCH PROPONS)       8. Well Number         1. Type of Wall:       0. ther       8. Well Number         2. Name of Operator       9. OCRUD Number       14021         3. Address of Operator       9. OCRUD Number       14021         3. Address of Operator       10. Pool name or Wildest P. O. Box 3487 Houston. TX 77253-3487       10. Pool name or Wildest Pencose Skell's Grayburg (50350)         4. Well Location       11. Elevation (Show whether DR. RKB, RT. GR. etc.)       3500° GL         11. Elevation (Show whether DR. RKB, RT. GR. etc.)       3500° GL         21.2       and Below Grad Task: Volume       bits; Ceastruction Matrial         12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO:       REMEDIAL WORK       ALTERING CASING         PULL OR ALTER CASING       MULTIPLE COMPLETION       COMPLETION COMPLETION COMPLETION       CASING TEST AND         13. Describe proposed or completed operations. (Clearly state all pertiment dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wilbore diagram of proposed completion or	District III 1220 South St				
SUNDRY NOTICES AND REPORTS ON WELLS       7. Lease Name or Unit Agreement Name: Dayton Hardy         IDEFERST RESERVOR. USE APPLICATION FOR PERMIT (FORM C-10) FOR SUCH PROPORALS).       7. Lease Name or Unit Agreement Name: Dayton Hardy         1. Type of Well: OIWell (2) Gas Well (2) Oter       8. Well Number         2. Name of Operator       9. OGRID Number         Marathon 011 Company       10. Pool name or Wideat P-0. Box 3487 Mouston. TX 77253-3487       9. OGRID Number         4. Well Location       10. Pool name or Wideat P-0. Box 3487 Mouston. TX 77253-3487       10. Pool name or Wideat Perroses Skelly Gravburg (50350)         4. Well Location       11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3500°       350°         11. Elevation (Show whether DR, RKB, RT, GR, etc.) 350°       350°         12. Check Appropriate Box to Indicate Nature of Notice, Rcport, or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK   PLUG AND ABANDON   CHARNE COMPLETION   COMMENCE DRILLING OPNS.   PULG AND ABANDON   CHARNE PLUG AND ABANDON   CHARNE PLUG AND ABANDON   CHARNE PLUG AND ABANDON   CHARNE PLUG AND ABANDON   CHARNE COMPLETION   CEMENT JOB       PLUG AND ABANDON   CANNENCE DRILLING OPNS.   PLUG AND ABANDON   CHARNE ACT, and bring the Dayton Hardy NO. 4 online to production. Please see attachment for details of well work performed.         11. Describe proposed or completed operations. (Clearly state all pertimet details, and give pertimet dates, inchading estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completion	SUNDRY NOTICES AND REPORTS ON WELLS         ON WELLS         (DO NOT USE THIS FORMARCH OR PROPOSALS TO ARLL OR TO DEEPEN OR PLUG BACK TO A DEFERENT RESERVOR. USE AND REPORTS ON PLUG BACK TO A DROPORALS)         Type of Well         Other         Other         2. Name of Operator         Notice of Operator         A ddress of Decempental ddress of A ddress of Decempenta ddress of A ddress of A ddress of A ddress of A ddress		M 87505 5			
ICO ADD USE THIS FORM POR PROPOSALS TO DELLOR TO DEEPEN OR PLUG BACK TO A PROFORALS).       Dayton Hardy         DEFERSENT RESERVOR. USE APPLICATION FOR PERMIT (FORM C-101) FOR USUBLE       8. Well Number         . Type of Well:       0. Well X         . Name of Operator       4.         . Name of Operator       9. OGRID Number         . Address of Operator       10. Pool name or Wildeat         . Address of Operator       11. Elevation (Show whether DR, RKB, RT, GR, etc.)         . Section       20         Township 21.5       Range 37.E         NMPM       County         Leable-grade Task Application       efficient county         . The Dept to Groundwater       2100 <sup>(1)</sup> . Tokek Appropriate Box to Indicate Nature of Notice, Report, or Other Data         NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         PELSE READ and the Groundwater       2100 <sup>(1)</sup> . OTHER:       OTHER:       OTHER: Perforate, Acid, Frac, and start Producing [X]         . OTHER:       OTHER: Perforate, Acid, Frac, and bring the Dayton Hardy         . OTHER:       OTHER: Perforate, Acid, Frac, and bring the Dayton Hardy         . Address of completed operations. (Clearly state all pertinent datasi, including estimated data         of starting any proposed or completed operations. (Clearly state all pertinent datasi, including estimated data	ICO NOT USE THIS FORMA FOR PROPOSALS TO DELLOR TO DEEPEN OR PLUG BACK TO A PROPOSALS)       Dayton Hardy         DEFERENT RESERVOR. USE APPLICATION FOR PERMIT (FORM C-101) FOR SUGH PROPOSALS)       8. Well Number         1. Type of Volt       4         O. Well & Gas Well       Other         9. OGRID Number       4         1. Type of Volt       9. OGRID Number         Marathon 011 Company       10. Pool name of Widtatt P.O., Box 3487 Houston, TX 77253-3487         4. Well Location       11. Elevation (Show whether DR, RKB, RT, GR, etc.)         3500 GL       11. Elevation (Show whether DR, RKB, RT, GR, etc.)         3500 GL       11. Elevation (Show whether DR, RKB, RT, GR, etc.)         12. Check Appropriate Box to Indicate Nature well >1000 <sup>1</sup> Bistance from nearest tarksee water >1000 <sup>1</sup> Pit Lae Babegrade Task Application       ac Clearer         12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data         NOTICE OF INTENTION TO:       SUBSEQUENT REPORT OF:         PEROPORARILY ABANDON       CHANGE PLANS       COMMENCE DRILLING ORNS.       PLUG AND         OTHER:       OTHER: Perforate. Acid, Frac, and start Producing (X)       Casting EST AND       Costing EST AND       Costing EST AND         OTHER:       OTHER: Perforate. Acid, Frac, and bring the Dayton Hardy No. 4 online to production. Please see attachment for details of well work performed.	1220 S. St. Francis Dr., Santa Fe, NM 87505		6. State Oil & Gas Lease No.		
1. Type of Well:       0ther       8. Well Number         Oil Well () Gas Well       Other       9. OGRID Number         2. Name of Operator       9. OGRID Number       421         3. Address of Operator       9. OGRID Number       4021         4. Well Location       10. Pool name of Wildat       Penrose Skelly Grayburg (50350)         4. Well Location       20       Township 21:S Range 37-E NMPM County Lee         Section       20       Township 21:S Range 37-E NMPM County Lee         Section       20       Township 21:S Range 37-E NMPM County Lee         Section       20       Township 21:S Range 37-E NMPM County Lee         Section       20       Township 21:S Range 37-E NMPM County Lee         Section       20       Township 21:S Range 37-E NMPM County Lee         Section       20       Township 21:S Range 37-E NMPM County Lee         Section       20       Township 21:S Range 37-E NMPM County Lee         Section       20       Distance from naerest firsh water well 21000' Distance from secret surface water 21000'         Pit Liser Thickness:       11. Elevation (Show whether DR, RZB, RT, GR, etc.)       SUBSEQUENT REPORT OF:         PerFORM ReheeDidk WORK       PLUG AND ADADON       Commence DRUNG ADADADON       Commence Elevation Adaptication Adaptication Adaptication Adaptication Adaptication Adaptic	1. Type of Well:       0.01 Well (2) Gas Well       Other       8. Well Number         0.01 Well (2) Gas Well       Other       9. OGRID Number         2. Name of Operator       9. OGRID Number       421         2. Name of Operator       9. OGRID Number       4021         2. Name of Operator       10. Pool name or Wildeat       Penrose Skell'y Grayburg (50350)         4. Well Location       Unit Letter	(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEED DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM	PEN OR PLUG BACK TO A			
2. Name of Operator       9. OGRID Number         Marathon 0il Company       14021         J. Address of Operator       10. Pool name or Wildcat         P.O. Box 3487 Houston. TX 77253-3487       10. Pool name or Wildcat         Vell Location       10. Pool name or Wildcat         Unit Letter       J       2310       feet from the South         Section       20       Township 21-S       Range 37-E       NMPM         Section       20       Township 21-S       Range 37-E       NMPM       County       Lea         Section       20       Township 21-S       Range 37-E       NMPM       County       Lea         Section       20       Township 21-S       Range 37-E       NMPM       County       Lea         Section       20       Township 21-S       Range 37-E       NMPM       County       Lea         Section       20       Township 21-S       Range 37-E       NMPM       County       Lea         Section       20       Distance from nearest strake water well >1000 <sup>1</sup> Distance from nearest surface water >100 <sup>1</sup> Distance from nearest surface water >100 <sup>1</sup> Section       12       nal       Belew-Grade Task: Volume       bility: Construction Materiat       Seconty       Seconty	2. Name of Operator       9. OGRID Number         Marathon 0il Company       14021         J. Address of Operator       10. Pool name or Wildcat         P.O. Box 3487 Houston, TX 77253-3487       10. Pool name or Wildcat         Vwell Location       10. Pool name or Wildcat         Unit Letter       J       2310       feet from the South         Ine and       2310       feet from the South       Ine and         Section       20       Township       21: S       Range       37: E       NMPM       County       Lea         Section       20       Township       21: S       Range       37: E       NMPM       County       Lea         Section       20       Township       21: S       Range       37: E       NMPM       County       Lea         Section       20       Township       21: S       Range       37: E       NMPM       County       Lea         Section       20       Township       21: S       Range       37: E       NMPM       County       Lea         Section       20       Township       21: S       Range       37: E       NDP       Lia       Lia       Lia       Lia       Lia       Lia       Lia <td< td=""><td>1. Type of Well:</td><td></td><td>8. Well Number</td></td<>	1. Type of Well:		8. Well Number		
Marathon 011 Company       14021         3. Address of Operator       10. Pool name or Wildcat         P.O. Box 3487 Houston, TX 77253-3487       Penrose Skell'y Grayburg (50350)         4. Well Location       Unit Letter       J       2310       feet from the	Marathon 011 Company       14021         3. Address of Operator       10. Pool name or Wildcat         P. 0. Box 3487 Houston, TX 77253-3487       Penrose Skell'y Grayburg (50350)         4. Well Location       Unit Letter		· · · · · · · · · · · · · · · · · · ·	9. OGRID Number		
P.O. Box 3487 Houston. TX 77253-3487       Penrose Skally Grayburg (50350)         4. Well Location       Unit Letter	P.O. Box 3487 Houston. TX 77253-3487       Penrose Skell'y Gravburg (50350)         4. Well Location       Unit Letter	Marathon Oil Company				
4. Well Location         Unit Letter       J       2310       feet from the       South       line and       2310       feet from the       East       line         Section       20       Township       21-S       Range       37-E       NMPM       County       Lea         11.       Elevation       (Show whether DR, RKB, RT, GR, etc.)       3500° GL       Statace from nearest staface water >100°         Pit are Balew.grade Task Application	4. Well Location         Unit Letter					
Unit Letter       J       2310       feet from the       South       line and       2310       feet from the       East       line         Section       20       Township       21-S       Range       37-E       NMPM       County       Lea         I1.       Elvarian (Show whether DR, RRB, RT, GR, etc.)       3500'       GL       Stance from nearest surface water >100'       Distance from nearest surface water >2100'       Distance from nearest surface water >2100'       Distance from nearest surface water >2100'         Pit Liner Thickness:       12       mil       Below-Grade Task: Volume       bbit;       Construction Material         12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data         NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND       ALTERING CASING         PULL OR ALTER CASING       MULTIPLE       COMMENCE DRILLING OPNS.       PLUG AND         OTHER:       OORAPLETION       OTHER: Perforate, Acid, Frac, and start Producing       Instance data         13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated data       of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion         Narathon 0il Company has completed operations to perforate, acid, sand frac, and bring the D	Unit Letter       J       2310       feet from the       South       line and       2310       feet from the       East       line         Section       20       Township       21-S       Range       37-E       NMPM       County       Lea         I1.       Elevation (Show whether DR, RRB, RT, GR, etc.)       3500' GL       Stance from nearest surface water >100'       Distance from nearest surface water >2100'       Distance from nearest surface water >2100'         Pit Liner Thickness:       12       mil       Below-Grade Task: Volume       bbits; Construction Material         12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data         NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON       COMMENCE DRILLING OPNS.       PLUG AND         PULL OR ALTER CASING       MULTIPLE       COMMENCE DRILLING OPNS.       PLUG AND         OTHER:       OOMPLETION       OTHER: Perforate, Acid, Frac, and start Producing       XI         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 0il Company has completed operations to perforate, acid, sand frac, and bring the Dayton Hardy No. 4 online to production. Please see attac	P.0. Box 3487 Houston, TX 77253-3487	· · · · · · · · · · · · · · · · · · ·	Penrose Skelly Grayburg (50350)		
Section       20       Township       21-S       Range       37-E       NMPM       County       Lea         11.       Elevation (Show whether DR, RKB, RT, GR, etc.)       3500' GL       3500' GL       3500' GL         Pit or Below-grade Tauk Application       -or Clessore	Section       20       Township       21-S       Range       37-E       NMPM       County       Lea         11.       Elevation (Show whether DR, RKB, RT, GR, etc.)       3500° GL       3500° GL       3500° GL         Pt. Depth to Groundwater       ->100°       Distance from nearest surface water >1000°       Distance from nearest surface water >1000°         Pt Liner Thickness:       12       mil       Belew-Grade Tank: Volume	4. Well Location				
11. Elevation (Show whether DR, RKB, RT, GR, etc.)         3500' GL         Pit or Balax-grade Tank Application         11. Elevation (Show whether DR, RKB, RT, GR, etc.)         3500' GL         Pit typeD Depth to Groundwater >100'_ Distance from nearest surface water >100'_         Pit Liner Thickness:       12         12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON         REMEDIAL WORK       PLUG AND ABANDON         PULL OR ALTER CASING       MULTIPLE COMPLETION         COMPLETION       CASING TEST AND         OTHER:       OTHER: Perforate, Acid, Frac, and start Producing [X]         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 011 Company has completed operations to perforate, acid, sand frac, and bring the Dayton Hardy No. 4 online to production. Please see attachment for details of well work performed.         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 NMCCD guideline [X], a general permit or a (stacked) alternative OCD-approved plan [SIGNATURE]         SIGNATURE       E. Martine Charles E. K	11. Elevation (Show whether DDR, RKB, RT, GR, etc.)         3500° GL         Pit or Below-Grade Tank Application         et ar, Below-Grade Tank Application         it typeD Depth to Groundwater >100° Distance from nearest surface water >100° Pit Liner Thickness:         12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON         REMPORARILY ABANDON       CHANGE PLANS         COMPLETION       CASING TEST AND         PULL OR ALTER CASING       MULTIPLE COMPLETION         COMPLETION       CASING TEST AND         OTHER:       OTHER: Perforate, Acid, Frac, and start Producing         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 011 Company has completed operations to perforate, acid, sand frac, and bring the Dayton Hardy No. 4 online to production. Please see attachment for details of well work performed.         Ihereby certify that the information above is true and complete to the best of my knowledge and belief. Thirther certify that any pit or below-grade tank has been will be constructed or dosed according to NMOCD guideline [2], a general permit or an (attached) alternative OCD-approved place or more production. Please see attachment for details of well work performed.         Ihereby certify that	Unit Letter J : feet from the	South line and	2310 feet from the East line		
11. Elevation (Show whether DR, RKB, RT, GR, etc.)         3500' GL         Bit or Below-grade Tauk Application         it type_Dr_bept to Growndwater <>100'         Distance from nearest surface water <>100'         Pit Liner Thickness:       12         Dr. Depth to Growndwater <>100'         Distance from nearest surface water <>100'         Pit Liner Thickness:       12         Dr. Depth to Growndwater <>100'         Distance from nearest surface water <>100'         Pit Liner Thickness:       12         Dr. Depth to Growndwater <>100'         Distance from nearest surface water <>100'         Pit Liner Thickness:       12         Distance from nearest surface water <>100'         Pit Liner Thickness:       12         Distance from nearest surface water <>100'         Pitter Thickness:       12         Distance from nearest surface water <>100'         Pitter Thickness:       12         Distance from nearest surface water <>100'         Pitter Thickness:       12         Distance from nearest surface mater <>100'         Distance from nearest surface        10	11. Elevation (Show whether DR, RKB, RT, GR, etc.)         3500' GL         Pitor Below-grade Tauk Application         Pit type_Dr_Depth to Groundwater <100'	Section 20 Township 21-	S Range 37-E	NMPM County Lea		
Bit or Below-grade Tank Application       or Closure         Bt typeD	Bit sor Below-grade Tank Application       or Closure         Bit typeD		ether DR, RKB, RT, GR, et			
Bit type       Dr       Depth to Groundwater       >100°       Distance from nearest fresh water well >100°       Distance from nearest surface water >100°         Pit Liner Thickness:       12       mil       Below-Grade Tank: Volume	Bit type       Dr       Depth to Groundwater       >100°       Distance from nearest fresh water well       >1000°       Distance from nearest surface water       >1000°         Pit Liner Thickness:       12       mil       Below-Grade Tank: Volume		3500' GL			
Pit Liner Thickness:       12       mil       Below-Grade Tank: Volumebbls; Construction Material	Pit Liner Thickness:       12       mil       Below-Grade Tank: Volumebbls; Construction Material		. 10001			
12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data         NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON         REMEDIAL WORK       ALTERING CASING         TEMPORARILY ABANDON       CHANGE PLANS         COMMENCE DRILLING OPNS.       PLUG AND         PULL OR ALTER CASING       MULTIPLE         COMPLETION       CASING TEST AND         OTHER:       OTHER: Perforate, Acid, Frac, and start Producing         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 0il Company has completed operations to perforate, acid, sand frac, and bring the Dayton Hardy No. 4 online to production. Please see attachment for details of well work performed.         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 a (attached) alternative OCD-approved plan         SIGNATURE       E. L.	12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data         NOTICE OF INTENTION TO:         PERFORM REMEDIAL WORK       PLUG AND ABANDON         REMEDIAL WORK       ALTERING CASING         TEMPORARILY ABANDON       CHANGE PLANS         COMMENCE DRILLING OPNS.       PLUG AND         PULL OR ALTER CASING       MULTIPLE         COMPLETION       CASING TEST AND         OTHER:       OTHER: Perforate, Acid, Frac, and start Producing         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 0il Company has completed operations to perforate, acid, sand frac, and bring the Dayton Hardy No. 4 online to production. Please see attachment for details of well work performed.         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 taak has beenvill be coastructed or closed according to NMOCD guidelines are approved plan         SIGNATURE       TITLE       Engineering Technician       DATE         Type or print name Charles E. Kendrix       TITLE       Engineering Technician       DATE         Perroved BN       TITLE       DATE       DATE	10				
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## Dayton Hardy No. 4 Perforate, Acidize, and Frac

06/02/2005

Rigged Up Baker Atlas Perforating equipment. Assemble 3 1/8" select fire gun carrier w/ 311T W/23 gram charges w/ 2 JSPF, 120° phasing w/ collar locator, .38 diameter round. PU and pressure tests lubricator, well head, BOPE, and 5 ½" casing to 1000 psi. Load hole with Acedic acid from 4100' (wireline PBTD) to 3500'. RIH w/ guns on wireline and perforated in 6 intervals w/ 6 runs. Details as follows:

Top to Bottom		
Interval	Ft	Shots
3744' – 3754'	10'	20
3802' - 3806'	4'	8
3862' - 3866'	4'	8
3922' – 3924'	2'	4
3931' - 3933'	2'	4
<u> 3946' - 3950'</u>	4'	8
Totals	26'	52 shots

Rigged down Baker Atlas perf equipment. RU kill truck. Load 5 <sup>1</sup>/<sub>2</sub>" Casing. Pressure casing to 1390#. Broke down perforations. Pumped 14 bbls water and established rate of 6.5 BPM @ 1350 psi. Switched to acid, and pumped 500 gals 15% HCL Acid. Displaced acid to bottom of perfs with water. Pumped 94 bbls water.

06/04/2005

Rigged up Haliburton acidizing equipment. Tested lines to 5000 psi. Load casing w/ 53 bbls water. Break down perforations @ 2734 psi. Establish injection rate 32 BPM @ 1486 psi. Pumped 165 bbls water. Acidize Grayburg interval 3744' to 3950' w/ 4412 gals 7 ½% HCL Acid.

Tested line to 5000 psi. Start pumping frac job. Break down perforations at 54.6 BPM @ 2470 psi. Pumped pad 618 bbls. Pumped 121 bbls 1#/gal sand. Pumped 166 bbls 2#/gal sand. Pumped 167 bbls 3# / gal sand. Pumped 166 bbls 4# / gal sand. Pumped 190 bbls 5#/gal sand. Pumped 197 bbls 6#/gal sand. Pumped 83 bbls flush. Shut in frac valve. Rigged down tree and Haliburton frac equipment. Total load to recover 2095 bbls acid and frac load. Frac totaled 156,874 lbs Premium Brown 20/40 Sand w/ Expedite 225 Flow back control added. Well on vacuum, SI

06/07/2005 Blown down pressure. Changed out BOPE stack. RIH w/ 4 <sup>3</sup>/<sub>4</sub>" Blade Bit, bit sub, and 121 jts 2-7/8" tubing. Tag top of sand @ 3939' RU power swivel cleaned out hole to PBTD 4110' (tubing tally) w/ 128 jts in. RD power swivel. PUH w/ jts above top perfs and SI.

- 06/08/2005 Check tubing pressure = 300 psi. Bleed well down. Kill well. RIH tag PBTD @ 4110'. POOH w/ tubing, bit sub, and bit. RIH w/ mud joint, seating nipple, special alloy joint, 2 jts 2-7/8'' tubing, tubing anchor, 111 joints 2-7/8'' tubing. TAC @ 3593'. Seating nipple @ 3691', and bottom of tubing @ 3721'. (23' above top perf) Install well head. SI
- 06/09/2005 Blow down 170 psi on tubing. Kill well. RIH w/ 2" insert pump, 10 1" steel rods, 94 – 7/8" steel rods, 41 – 1" steel rods. Seat and test pump action, hang off well. SI waiting on electricity to pumping unit.
- 06/10/2005 Electricity run to pumping unit. Turned on unit and check pump action. Put well into production . Rigged down.





Marathon Oil Company Dayton Hardy No. 4 UL"J", Sec 20, T-21-S, R-37-E 10-Jun-05

## Dayton Hardy No. 4 New Well

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Surface Casing 8 5/8" 24# K-55 set @ 406' w/ 260 sks cmt. Cmt to suface

Top of any cement (CBL) on production casing 1941'

Top of good cement (CBL) on production casing @ 2462'

Tubing Anchor @ 3593'

Seating Nipple @ 3691'

Bottom of tubing @ 3721'

Penrose Skelly Grayburg Perforations 3744' to 3950'

PBTD 4120 float collar

Production Casing 5 1/2" 17# Set @ 4145' Cmtd w/ 1400 sks

Well Name & Number:	Dayton Hardy No. 4		Lease	Dayton Hardy		
County or Parish:	Lea	State/Prov.	New Mexico Coun		Country:	USA
Perforations: (MD)	3744' to 3950' (TVD)		4145'			
Date Completed:	06/10/05					RKB:
Prepared By:	Charles Kendrix		Last Revision Date:		07/05/05	

TD 4145'