Form 3160-5

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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| Budget Bureau No. | 1004-013 |

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| JREAU OF LAND MANAGEMENT         | Expires Marc | ch 3 |
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| DRY MOTICES AND REPORTS ON WELLS | 1            |      |

| Do not use this form for proposals to drill be to deepen or reservity to a different property.  Do not use this form for proposals to drill be to deepen or reservity to a different property.  NNMM_503603.A  ARTIGUE   |  | <b>24.12</b> , 12 2   | DIMANAGEMENT   | Expires March 31, 1993   |
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| De not use this form for proposals to dill for to despen or receity to a different proposals    SUBMITIN TRIPLICATE  |  | CUMPRY NOTICES AND  | DEDORTE ON WELLS   | V5 Lease Designation and Serial No.  |
| SUBMIT IN TRIPLICATE  1. Type of Well  Of Well  Gas Well  Other  2. Name of Operator  M & G Drilling  OGRID 141852  3. Address and Teighbore No. PO Box 2406  Farmington, NM 87499  4. Loaden of Well (Footage, See, T.R. M. or Sarvey Description)  Until Letter L, 1550' FSL, 970' FWL, Sec 35, TZTN ROBW  11. Campor Parish, Same San Juan, New Mexico  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  13. Describe Proposed or Completed Operations (Charly state all pertinent details, and give pertinent dates, including, administration to hysicition or the New Construction  13. Describe Proposed or Completed Operations (Charly state all pertinent details, and give pertinent dates, including, administration to hysicition or resonance on the New Construction  15. Describe Proposed or Completed Operations (Charly state all pertinent details, and give pertinent dates, including, administration to hysicition or resonance on the New Construction  15. Describe Proposed or Completed Operations (Charly state all pertinent details, and give pertinent dates including, administration to hysicition or resonance on the New Construction to hysicition or resonance on the New Constructi | <b>-</b> .   | SUNDRY NOTICES AND  | REPORTS ON WELLS   | NIMNIM BOSCOS A  |
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| 1. Type of Well  |  | Use "APPLICATION FOR PE   | ERMIT -" for such proposals At   | 199 CAR ZU AR IT Inglan All ottee or Tribe Name  |
| 1. Type of Well  |  | SURMIT IN 1   | PIDI ICATE   | <del></del>  |
| Osl Well  Graw Well  Graw Well  Graw Well  Graw Well  Graw Well  Graw Graw Graw Graw Graw Graw Graw Gra  | d Tunn   |   | RIPLICATE  | 70 FRITTING TOTAL IN MAN Agrament Decimenting  |
| 2. Name of Operator M & G Drilling OGRID 141852 Address and Telephone No. PO Box 2406 Farmington, NM 87499 4. Lecation of Well (Fodlage, Sec. T. R. M. or Survey Description) Unit Letter L, 1550* FSL, 970* FWL, Sec 35, T27N* ROBW In the Letter L, 1550* FSL, 970* FWL, Sec 35, T27N* ROBW  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF SUBMISSION TYPE OF SUBMISSION  Abandoment Recompletion Pineal Abandoment Notice  13. Describe Proposed or Completed Operations (Cearly state all perfront details, and gove pertinent dates, including, estimated date of stating concerning to the went of the hold of the hol | і, туре  | or well   | (7)  | O 1 Carrini http://www.adieement.pesignation   |
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| 2. Name of Operator  M & G Drilling  OGRID 14/1852  Abdress and Telephone No PO Box 2406 Farmington, NM 87499  4. Location of Well Floodage, Sec. T. R. M. or Survey Description)  Unit Letter L, 1550' FSL, 970' FWL, Sec 35, T27N' ROSW  Unit Letter L, 1550' FSL, 970' FWL, Sec 35, T27N' ROSW  11. County or Parish, State San Julan, New Mexico  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  Notice of Intent  Abandonment  Notice of Intent  Abandonment Recomplation  Plaging Back Cesting Regain Chief Casting Chief Casting Sec.  Invelto is directorally diffield give subsurface bootlones and neastured into the vertical depths for all markers and zones of preferret to this work.  12/29/2003  SITP 120, SICP = 240 psi. No plunger running. NDWH, NU BOPE. Gill 63' no sand fill. Did not reach PBTD.  Tally out of the hole with 147 jis 2-3/8" production tubing.  12/30/2003  MU 4-1/2" FB PKR on 2-3/8". Gill will PKR on 2-3/8" tubing. Set PKR above all perforations at 4308'. Load hole.  F1-4/12 cesting from unstrace to 5008, 15 No flunger running. No Will 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,  | U,   | Sil VVeil Sas VVeil   | C Other  | 8 Well Name and No.  |
| M & G Drilling  OGRID 14/1852  Address and Telephone No. PO Box 2406  Farmington, NM 87499  4. Location of Well (Fodegae, Sec. T. R. M. or Survey Description)  Unit Letter L, 1550' FSL, 970' FWL, Sec 35, T27N' ROBW  4. Location of Well (Fodegae, Sec. T. R. M. or Survey Description)  Unit Letter L, 1550' FSL, 970' FWL, Sec 35, T27N' ROBW  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  Notice of Intent  Abandonment Recompletion Pinal Abandonment Notice  Abandonment Notice  Final Abandonment Notice  Final Abandonment Notice  Abandonment Notice  Final Abandonment Notice  Pinal Abandonment Notice  Abandonment Notice  Ties a subsequent Report  Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Converted to Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Converted to Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Converted to Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Converted to Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Converted to Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Converted to Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Converted to Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Converted to Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Converted to Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Converted to Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Converted to Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Non-Routine Freturing Water Shu-Crit Non-Routine Freturing Water Shu-Crit Injection Dispose Water  Now Constitution Non-Routine Freturing Water Shu-Crit Injection No | 2 Nam  | e of Operator   |  | O Well Maille and No.  |
| 3. Address and Telephone No. PO Box 2406 Farmington, NM 87499 4. Location of Well (Fostage, Sec. T. R. M. or Survey Description) Unit Letter L, 1550' FSL, 970' FWL, Sec 35, T27N' ROSW 10. Flad and Pool or Exploratory Blanco Messaverde (Gas)  11. Camptor Pietals, State San Juan, New Mexico  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR O'HER DATA TYPE OF SUBMISSION  13. Describe Proposed or Completed Operations (Cheefy State all performed delials), and gove perforent dates, including, and solve and |  |   | OGRID 141852   | Hammond # 47P  |
| 3.0-045-22759 PO Box 2406 PO Box 2406 PO Box 2406 Po Examingtion, NM 87499 4. Leation of Vive (Footage, Box, T. R. M. or Survey Description) Unit Letter L, 1550' FSL, 970' FWL, Sec 35, T27N ROSW Unit Letter L, 1550' FSL, 970' FWL, Sec 35, T27N ROSW 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  Abandoment Recompletion Plugging Box North Production of Intent Subsequent Report Pinal Abandomment Notice Pinal Abandomm | '  | W & C Dilling   | COND 141002  |  |
| PO Box 2406 (505) 325-5449 1 30_045-22759 10 10 Fatrimington, NM 87499 10 10 Fatrimington, NM 87499 10 10 Fatrimington, NM 87499 10 10 Fatrimington, Patrimington, Patrimi | 3 Addr   | ress and Telephone No   | 178%   | 758 A  |
| ### Farmington, NM 87499  4. Location of Well (Frotage, see, T. R. M. or Sturvey Description)  Unit Letter L, 1550' FSL, 970' FWL, Sec 35, T27N_R09W  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION    Abandoment Recompletion   Abandoment Recompletion   Non-Routine Fracturing   Now Construction   Non-Routine Fracturing   Non-Routine Fracturing   Non-Routine Fracturing   Non-Routine   Non-Routine Fracturing   Non-Routine Fracturing   Non-Routine   Non-Routine Fracturing   Non-Routine Fracturing   Non-Routine   Non-Routine   Non-Routine Fracturing   Non-Routine   Non-Routin |  |   | 505) 325-5449  | 30-045-22759   |
| Unit Letter L, 1550' FSL, 970' FWL, Sec 35, T27N' R08W  11. County or Parish, State San Juan, New Mexico  12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  14. County or Parish, State San Juan, New Mexico  15. County or Parish, State San Juan, New Mexico  16. County or Parish, State San Juan, New Mexico  17. County or Parish, State San Juan, New Mexico  17. County or Parish, State San Juan, New Mexico  17. County or Parish, State San Juan, New Mexico  17. County or Parish, State San Juan, New Mexico  17. County or Parish, State San Juan, New Mexico  17. County or Parish, State San Juan, New Mexico  17. County or Parish, State San Juan, New Mexico  17. County or Parish, State San Juan, New Mexico  17. County or Parish, State San Juan, New Mexico  17. County or Parish, State San Juan, New Mexico  18. County or Parish, State San Juan, New Mexico  18. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Mexico  19. County or Parish, State San Juan, New Construction New Mexico  19. County or Parish New Mexico  19. Call State San Juan, New Construction Non-Routine San Juan, New Construction Non-Routine San Juan Non |  |   | 200, 020 01.10   |  |
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| 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION    Abandoment Notice of Intent   Recompletion   Recompletion   Recompletion   Non-Routine Fracturing   Now Construction   Non-Routine Fracturing   Non-R | 4. LOCA  | non of well (Footage, Sec., 1. R., W, of Ourve)   | Description  | Dialico Mesavelde (Cas)  |
| 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION    Abandoment Notice of Intent   Recompletion   Recompletion   Recompletion   Non-Routine Fracturing   Now Construction   Non-Routine Fracturing   Non-R |  | Unit Lottor L 1550' ESL 070'  | EMI Con 25 TOTAL BOOM  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |
| 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION    Notice of Intent  |  | Onit Letter L, 1930 PSL, 970  | FVVL, Sec 35, 12/14 - RUSVV  | ♠  |
| 12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION  TYPE OF SUBMISSION  Abandoment Recompletion Plugging Back Non-Routine Fracturing Water Shut-Off Converion to Injection Dispose Water Proposed or Completed Operations (Clearly state all pertnent details, and give pertnent dates, including, estimated date of starting work. If yell is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.  12/29/2003  SITP 120, SICP = 240 psi. No plunger running. ND WH. NU BOPE. GIH 63' no sand fill. Did not reach PBTD. Tally out of the hole with 147 lts 2-3/8" production tubing.  12/30/2003  MU 4-1/2" FB PKR on 2-3/8". GIH w/ PKR on 2-3/8" tubing. Set PKR above all perforations at 4308'. Load hole. PT 4-1/2" casting from surface to 5008, hold for 30 mins. Good test, no casing leak. GiH 2 stands, allow fluid to pass PKR (40 bbs). COOH and to Dilibbre PKR. Gill Hu 11, 18, 3, 31s PKR and additional 2-3/8" tubing. Set PKR in slips at 4464'. EOT at 4594', SN @ 4560', land in slips. RU swabbing tools. Swab well 4 runs, FL @ 3800' to 4200' on last run. Well did not kick off. Recover 8 bbis.  12/31/2003  SITP 508, SICP 608, Swab MV perfs from 4497 to 4701'. Kick off after 20 runs. Well flowing, and loading up in 15 mins. Make five (5) more swab runs, flowing after each run 15 mins. Total of 25 bbis recovered this interval. Release PKR. Move PKR uphole to 4400'. Swab well, IFL @ 4200', Kick off in 2 runs. MV perfs 4421' to 470'' (3 new zones w' oid). RO swab bools. Reclease PKR, and unloads when casing is at 2308'. Attempt to turn well to sales with sales compressor. Well pulling a hard "vec". Soap well, SI and equalize well.  1/1/2004  SICP 2008' BD. MU 2-3/8" Production tubing, 6' tbg sub, SN, 148 jts 2-3/8" 4.7# tubing. Land well at 4688' EOT. SN @ 4682, Top perf 4378', Btm Perf 4701'. ND BOPE. NU WH. Swab 12 runs, IFL 3800'. Kick well off, Csg at 2308', Well flows 20 mins, then loads up for 10 mins, and |  |   |  | / Canada ( ) / Y ( )   Y ( ) |
| TYPE OF ACTION    Notice of Intent   Abandoment   Abandom |  |   |  |  |
| Notice of Intent   Subsequent Report   Subsequent Report   Plugging Back   Casing Repair   Allering Casing Dither   Dispose Water   Disp   |  |   |  |  |
| Subsequent Report  |  | TYPE OF SUBMISSION  | IYPI   | E OF ACTION  |
| Subsequent Report  | / _  | Notice of Intent  |  | Change of Blaza  |
| Subsequent Report Final Abandonment Notice    Plugging Back   Casing Repair   Casing Repair   Casing Repair   Casing Repair   Albering Casing   Convertion to injection   Dispose Water Shut-Off   Dispose Water   Dispose Wat | /  | NOTICE OF INTENT  | · —  | <b>, , , , , , , , , , , , , , , , , , , </b>  |
| Casing Repair Allering Casing Other  Comprison to Injection Dispose Water Pleus Report studie of mights compileted operations (Clearly state all pertnent details, and give pertinent dates, including, estimated date of starting work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.  If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.  If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.  If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.  If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.  If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.  If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent on this work.  If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent of this work.  If well is directionally drilled give subsurface locations and zones of pertinent of this work.  If well is directionally drilled give subsurface locations and zones of pertinent of this work.  If well is directionally drilled give subsurface locations and zones of pertinent of this work.  If well is directionally drilled give subsurface locations and zones of pertinent of this work.  It is directionally drilled give subsurface locations and zones of pertinent drilled give subsurface locations.  If yell is directionally drilled give subsurface locations and zones of pertinent drilled give subsurfac | $\nabla$   | Cube aguard Deport  | 1 🗀  | F-7  |
| Final Abandonment Notice   |  | Subsequent Report   | 1 🛏 🚟  | ~  |
| Other Dispose Water   Dispose  | ·  | Final Abandonment Notice  | , <del>, ,</del> , ,   | <b>├</b>   |
| Pleas: Report results of multiple completed on the promotions (Clearly state all pertinent details, and give pertinent dates, including, estimated date of starting work.  If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.  Italy 20/2003 SITP 12/0, SICP = 240 psi. No plunger running. ND WH. NU BOPE. GIH 63' no sand fill. Did not reach PBTD. Tally out of the hole with 147 jts 2-3/8'' production tubing.  Italy out of the hole with 147 jts 2-3/8'' production fubing.  Italy 20/2003 MU 4-1/2" EB PKR on 2-3/8''. GIH w/ PKR on 2-3/8'' tubing. Set PKR above all perforations at 4308''. Load hole. PT 4-1/2" casing from surface to 500#, hold for 30 mins. Good test, no casing leak. GIH 2 stands, allow fluid to pass PKR (40 bbis). COOH and LD fullbore PKR. GIH w/ 1 Jt, SN, 3 Jts PKR and additional 2-3/8" tubing. Set PKR in slips at 4464''. EOT at 4594', SN @ 4560', land in slips. RU swabbing tools. Swab well 4 runs, FL @ 3800' to 4200' on last run. Well did not kick off. Recover 8 bbis.  Italy 1/2003 SITP 50#, SICP 60#, Swab MV perfs from 4497' to 4701'. Kick off after 20 runs. Well flowing, and loading up in 15 mins. Make five (5) more swab runs, flowing after each run 15 mins. Total of 25 bbis recovered this interval. Release PKR. Move PKR uphole to 4400'. Swab well, IFL @ 4200', Kick off in 2 runs. MV perfs 4421' to 4701' (3 new zones w/ old). RD swab tools. Release PKR, and COOH with 2-3/8'' and Lokset PKR.  Italy 2004 SICP 200#. BD. MU 2-3/8'' Production tubing, 6' tbg sub, SN, 148 jts 2-3/8'' 4.7# tubing. Land well at 4688' EOT. SN @ 4682', Top perf 4378', BIm Perf 4701'. ND BOPE. NU WH. Swab 12 runs, IFL 3800'. Kick well off, Csg at 230#, Well flows 20 mins, then loads up for 10 mins, and unloads when casing is at 230#. Attempt to turn well to sales with sales compressor. Well pulling a hard "vec". Soap well, SI and equalize well.  Italy 2004 SICP=250#. RDMO Bis and Auxillary Equipment.  Italy 2004 SICP=250#. RDMO Bis an | Ш  | Fillal Abalidolinient Notice  | , <b>–</b>   | ·  |
| 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including, estimated date of starting work.  If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.  12/29/2003 SITP 120, SICP = 240 psi. No plunger running. ND WH. NU BOPE. GIH 63' no sand fill. Did not reach PBTD.  Tally out of the hole with 147 jts 2-3/8" production tubing.  12/30/2003 MU 4-1/2" FB PKR on 2-3/8". GIH w/ PKR on 2-3/8" tubing. Set PKR above all perforations at 4308'. Load hole.  PT 4-1/2" casing from surface to 500#, hold for 30 mins. Good test, no casing leak. GIH 2 stands, allow fluid to pass PKR (40 bbls). COOH and LD fullbore PKR. GIH w/ 1 Jt, SN, 3 Jts PKR and additional 2-3/8" tubing.  Set PKR in slips at 4464". EOT at 4594', SN @ 4560', land in slips. RU swabbing tools. Swab well 4 runs,  FL @ 3800' to 4200' on last run. Well did not kick off. Recover 8 bbls.  12/31/2003 SITP 50#, SICP 60#, Swab MV perfs from 4497 to 4701'. Kick off after 20 runs. Well flowing, and loading up in 15 mins.  Make five (5) more swab runs, flowing after each run 15 mins. Total of 25 bbls recovered this interval. Release PKR.  Move PKR uphole to 4400'. Swab well, IFL @ 4200', Kick off in 2 runs. MV perfs 4421' to 4701' (3 new zones w/ old).  RD swab tools. Release PKR, and COOH with 2-3/8" and Lokset PKR.  1/1/2004 SICP 200#. BD. MU 2-3/8" Production tubing, 6' tbg sub, SN, 148 jts 2-3/8" 4.7# tubing, Land well at 4688' EOT.  SN @ 4682', Top perf 4378', Btm Perf 4701'. ND BOPE. NU WH. Swab 12 runs, IFL 3800'. Kick well off, Ceg at 230#, Well flows 20 mins, then loads up for 10 mins, and unloads when casing is at 230#. Attempt to turn well to sales with sales compressor. Well pulling a hard "vac". Soap well, SI and equalize well.  1/2/2004 SITP=SICP=250#. RDMO Bigrand Auxillary Equipment  Title:   |  |   |  |  |
| 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including, estimated date of starting work.  If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.  12/29/2003 SITP 120, SICP = 240 psi. No plunger running. ND WH. NU BOPE. GIH 63' no sand fill. Did not reach PBTD.  Tally out of the hole with 147 jts 2-3/6" production tubing.  12/30/2003 MU 4-1/2" FB PKR on 2-3/8". GIH w/ PKR on 2-3/8" tubing. Set PKR above all perforations at 4308'. Load hole.  PT 4-1/2" casing from surface to 500#, hold for 30 mins. Good test, no casing leak. GIH 2 stands, allow fluid to pass PKR (40 bbis). COOH and LD fullbore PKR. GIH w/ 1 Jt, SN, 3 Jts PKR and additional 2-3/6" tubing.  Set PKR in slips at 4464'. ECT at 45894', SN @ 4560', land in slips. RU swabbing tools. Swab well 4 runs,  FL @ 3800' to 4200' on last run. Well did not kick off. Recover 8 bbls.  12/31/2003 SITP 50#, SICP 60#, Swab MV perfs from 4497' to 4701'. Kick off after 20 runs. Well flowing, and loading up in 15 mins.  Make five (5) more swab runs, flowing after each run 15 mins. Total of 25 bbls recovered this interval. Release PKR.  Move PKR uphole to 4400'. Swab well, FLE @ 4200', Kick off in 2 runs. MV perfs 4421' to 4701' (3 new zones w/ old).  RD swab tools. Release PKR, and COOH with 2-3/8" and Lokset PKR.  1/1/2004 SICP 200#. BD. MU 2-3/8" Production tubing, 6' tbg sub, SN, 148 jts 2-3/8" 4.7# tubing. Land well at 4688' EOT.  SN @ 4682', Top perf 4378', Btm Perf 4701'. ND BOPE. NU WH. Swab 12 runs, IFL 3800'. Kick well off, Csg at 230#, Well flows 20 mins, then loads up for 10 mins, and unloads when casing is at 230#. Attempt to turn well to sales with sales compressor. Well pulling a hard 'wac'. Soap well, S1 and equalize well.  1/2/2004 SITP=SICP=250#. RDMO Bigrand Auxillary Equipment  Title:   |  |   |  |  |
| If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones of pertinent to this work.  12/29/2003 SITP 120, SICP = 240 psi. No plunger running. ND WH. NU BOPE. GIH 63' no sand fill. Did not reach PBTD. Tally out of the hole with 147 jts 2-3/8" production tubing.  12/30/2003 MU 4-1/2" FB PKR on 2-3/8". GIH w/ PKR on 2-3/8" tubing. Set PKR above all perforations at 4308'. Load hole. PT 4-1/2" casing from surface to 500#, hold for 30 mins. Good test, no casing leak. GIH 2 stands, allow fluid to pass PKR (40 bits). COOH and LD fullbore PKR. GIH w/ 1 Jt, SN, 31 st PKR and additional 2-3/9" tubing. Set PKR in slips at 4464'. EOT at 4594', SN @ 4560', land in slips. RU swabbing tools. Swab well 4 runs, FL @ 3800' to 4200' on last run. Well did not kick off. Recover 8 bbls.  12/31/2003 SITP 50#, SICP 60#, Swab MV perfs from 4497' to 4701'. Kick off after 20 runs. Well flowing, and loading up in 15 mins. Make five (5) more swab runs, flowing after each run 15 mins. Total of 25 bbls recovered this interval. Release PKR. Move PKR uphole to 4400'. Swab well, IFL @ 4200', Kick off in 2 runs. MV perfs 4421' to 4701' (3 new zones w/ old). RD swab tools. Release PKR, and COOH with 2-3/8" and Lokset PKR.  1/1/2004 SICP 200#, BD. MU 2-3/8" Production tubing, 6' tbg sub, SN, 148 jts 2-3/8" 4.7# tubing. Land well at 4688' EOT. SN @ 4682', Top perf 4378', Btm Perf 4701'. ND BOPE. NU WH. Swab 12 runs, IFL 3800'. Kick well off, Csg at 230#, Well flows 20 mins, then loads up for 10 mins, and unloads when casing is at 230#. Attempt to turn well to sales with sales compressor. Well pulling a hard "vac". Soap well, SI and equalize well.  1/2/2004 SITP=SICP=250#. RDMO Bigrand Auxillary Equipment  Title:   | 12 Deceril   | no Proposed or Completed Operations (Close  | hystote all pertinent details, and sive pertinen   |  |
| pass PKR (40 bbls). COOH and LD fullbore PKR. GIH w/ 1 Jt, SN, 3 Jts PKR and additional 2-3/8" tubing.  Set PKR in slips at 4464'. EOT at 4594', SN @ 4560', land in slips. RU swabbing tools. Swab well 4 runs,  FL @ 3800' to 4200' on last run. Well did not kick off. Recover 8 bbls.  12/31/2003 SITP 50#, SICP 60#, Swab MV perfs from 4497' to 4701'. Kick off after 20 runs. Well flowing, and loading up in 15 mins.  Make five (5) more swab runs, flowing after each run 15 mins. Total of 25 bbls recovered this interval. Release PKR.  Move PKR uphole to 4400'. Swab well, IFL @ 4200', Kick off in 2 runs. MV perfs 4421' to 4701' (3 new zones w/ old).  RD swab tools. Release PKR, and COOH with 2-3/8" and Lokset PKR.  1/1/2004 SICP 200#. BD. MU 2-3/6" Production tubing, 6' tbg sub, SN, 148 jts 2-3/8" 4.7# tubing. Land well at 4688' EOT.  SN @ 4682', Top perf 4378', Btm Perf 4701'. ND BOPE. NU WH. Swab 12 runs, IFL 3800'. Kick well off, Csg at 230#, Well flows 20 mins, then loads up for 10 mins, and unloads when casing is at 230#. Attempt to turn well to sales with sales compressor. Well pulling a hard "vac". Soap well, SI and equalize well.  1/2/2004 SITP=SICP=250#. RDMO Bigrand Auxillary Equipment  Title: Engineering Manager Date: 1-16-2004  ACCEPTED FOR REC  Approved by: Title: Date: FFR 0.9 2003  | 12/30/2003   | Tally out of the hole with 147 jts 2-3/8 MU 4-1/2" FB PKR on 2-3/8". GIH w  | 3" production tubing.  / PKR on 2-3/8" tubing. Set PKR abo   | ove all perforations at 4308'. Load hole.  |
| Make five (5) more swab runs, flowing after each run 15 mins. Total of 25 bbls recovered this interval. Release PKR.  Move PKR uphole to 4400′. Swab well, IFL @ 4200′, Kick off in 2 runs. MV perfs 4421′ to 4701′ (3 new zones w/ old).  RD swab tools. Release PKR, and COOH with 2-3/8″ and Lokset PKR.  1/1/2004 SICP 200#. BD. MU 2-3/8″ Production tubing, 6′ tbg sub, SN, 148 jts 2-3/8″ 4.7# tubing. Land well at 4688′ EOT.  SN @ 4682′, Top perf 4378′, Btm Perf 4701′. ND BOPE. NU WH. Swab 12 runs, IFL 3800′. Kick well off, Csg at 230#, Well flows 20 mins, then loads up for 10 mins, and unloads when casing is at 230#. Attempt to turn well to sales with sales compressor. Well pulling a hard "vac". Soap well, SI and equalize well.  1/2/2004 SITP=SICP=250#. RDMO Bigrand Auxillary Equipment  Title: Engineering Manager Date: 1-16-2004  ACCEPTED FOR REC  Approved by:   | !  | pass PKR (40 bbls). COOH and LD t<br>Set PKR in slips at 4464'. EOT at 45   | fullbore PKR. GIH w/ 1 Jt, SN, 3 Jts<br>94', SN @ 4560', land in slips. RU s   | PKR and additional 2-3/8" tubing.  |
| SN @ 4682', Top perf 4378', Btm Perf 4701'. ND BOPE. NU WH. Swab 12 runs, IFL 3800'. Kick well off, Csg at 230#, Well flows 20 mins, then loads up for 10 mins, and unloads when casing is at 230#. Attempt to turn well to sales with sales compressor. Well pulling a hard "vac". Soap well, SI and equalize well.  1/2/2004 SITP=SICP=250#. RDMO Big/and Auxillary Equipment  Title: Engineering Manager Date: 1-16-2004  ACCEPTED FOR REC  Approved by:  | i  |   | g after each run 15 mins. Total of 25  | 5 bbls recovered this interval. Release PKR.   |
| Signed:  |  | •   | . •  | MV perfs 4421' to 4701' (3 new zones w/ old).  |
| Thorrias E. Mullins  This space for federal or state office use  ACCEPTED FOR REC  Approved by:  | 1/1/2004   | RD swab tools. Release PKR, and C<br>SICP 200#. BD. MU 2-3/8" Producti<br>SN @ 4682', Top perf 4378', Btm Per<br>Well flows 20 mins, then loads up for  | OOH with 2-3/8" and Lokset PKR.<br>ion tubing, 6' tbg sub, SN, 148 jts 2-3<br>rf 4701'. ND BOPE. NU WH. Swab<br>10 mins, and unloads when casing i   | 3/8" 4.7# tubing. Land well at 4688' EOT.<br>5 12 runs, IFL 3800'. Kick well off, Csg at 230#,   |
| Thornas E. Mullins  This space for federal or state office use  ACCEPTED FOR REC  Approved by:  Title:  Date: FFR 0 9 2003   | 1/1/2004   | RD swab tools. Release PKR, and C<br>SICP 200#. BD. MU 2-3/8" Producti<br>SN @ 4682', Top perf 4378', Btm Per<br>Well flows 20 mins, then loads up for<br>compressor. Well pulling a hard "vac  | OOH with 2-3/8" and Lokset PKR. ion tubing, 6' tbg sub, SN, 148 jts 2-3 rf 4701'. ND BOPE. NU WH. Swab 10 mins, and unloads when casing i ". Soap well, SI and equalize well.                                  | 3/8" 4.7# tubing. Land well at 4688' EOT.<br>5 12 runs, IFL 3800'. Kick well off, Csg at 230#,   |
| ACCEPTED FOR REC  Approved by: Title: Date:FFR 0 9 2003  | 1/1/2004 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4                   | RD swab tools. Release PKR, and C SICP 200#. BD. MU 2-3/8" Producti SN @ 4682', Top perf 4378', Btm Per Well flows 20 mins, then loads up for compressor. Well pulling a hard "vac SITP=SICP=250#. RDMO Rigrand A   | OOH with 2-3/8" and Lokset PKR. ion tubing, 6' tbg sub, SN, 148 jts 2-3 rf 4701'. ND BOPE. NU WH. Swab 10 mins, and unloads when casing i ". Soap well, SI and equalize well. auxillary Equipment              | 3/8" 4.7# tubing. Land well at 4688' EOT.<br>o 12 runs, IFL 3800'. Kick well off, Csg at 230#,<br>is at 230#. Attempt to turn well to sales with sales   |
| Approved by: Title: Date: FFR 0 9 2003   | 1/1/2004 3   | RD swab tools. Release PKR, and C SICP 200#. BD. MU 2-3/8" Producti SN @ 4682', Top perf 4378', Btm Per Well flows 20 mins, then loads up for compressor. Well pulling a hard "vac SITP=SICP=250#. RDMO Rigrand A   | OOH with 2-3/8" and Lokset PKR. ion tubing, 6' tbg sub, SN, 148 jts 2-3 rf 4701'. ND BOPE. NU WH. Swab 10 mins, and unloads when casing i ". Soap well, SI and equalize well. auxillary Equipment              | 3/8" 4.7# tubing. Land well at 4688' EOT.<br>o 12 runs, IFL 3800'. Kick well off, Csg at 230#,<br>is at 230#. Attempt to turn well to sales with sales   |
| Approved by: Title: Date: FFR 0 9 2003   | 1/1/2004 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | RD swab tools. Release PKR, and C SICP 200#. BD. MU 2-3/8" Producti SN @ 4682', Top perf 4378', Btm Per Well flows 20 mins, then loads up for compressor. Well pulling a hard "vac' SITP=SICP=250#. RDMO Rigrand A  | OOH with 2-3/8" and Lokset PKR. ion tubing, 6' tbg sub, SN, 148 jts 2-3 rf 4701'. ND BOPE. NU WH. Swab 10 mins, and unloads when casing i ". Soap well, SI and equalize well. auxillary Equipment              | 3/8" 4.7# tubing. Land well at 4688' EOT. 5 12 runs, IFL 3800'. Kick well off, Csg at 230#, is at 230#. Attempt to turn well to sales with sales   |
| Conditions of approval if any  | 1/1/2004 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | RD swab tools. Release PKR, and C SICP 200#. BD. MU 2-3/8" Producti SN @ 4682', Top perf 4378', Btm Per Well flows 20 mins, then loads up for compressor. Well pulling a hard "vac' SITP=SICP=250#. RDMO Rigrand A  | OOH with 2-3/8" and Lokset PKR. ion tubing, 6' tbg sub, SN, 148 jts 2-3 rf 4701'. ND BOPE. NU WH. Swab 10 mins, and unloads when casing i ". Soap well, SI and equalize well. auxillary Equipment              | 3/8" 4.7# tubing. Land well at 4688' EOT. 5 12 runs, IFL 3800'. Kick well off, Csg at 230#, is at 230#. Attempt to turn well to sales with sales   |
|  | 1/1/2004 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | RD swab tools. Release PKR, and C SICP 200#. BD. MU 2-3/8" Producti SN @ 4682', Top perf 4378', Btm Per Well flows 20 mins, then loads up for compressor. Well pulling a hard "vac' SITP=SICP=250#. RDMO Big and A Thomas E. Mullins ace for federal or state office use      | OOH with 2-3/8" and Lokset PKR.  ion tubing, 6' tbg sub, SN, 148 jts 2-3 rf 4701'. ND BOPE. NU WH. Swab 10 mins, and unloads when casing i ". Soap well, SI and equalize well.  Auxillary Equipment  Title: Er | 3/8" 4.7# tubing. Land well at 4688' EOT. 5 12 runs, IFL 3800'. Kick well off, Csg at 230#, is at 230#. Attempt to turn well to sales with sales  ngineering Manager Date: 1-16-2004   |
|  | 1/1/2004 Signed  This spe  Approvi                             | RD swab tools. Release PKR, and C SICP 200#. BD. MU 2-3/8" Producti SN @ 4682', Top perf 4378', Btm Per Well flows 20 mins, then loads up for compressor. Well pulling a hard "vac' SITP=SICP=250#. RDMO Bigrand A  :  Thornas E. Mullins ace for federal or state office use | OOH with 2-3/8" and Lokset PKR.  ion tubing, 6' tbg sub, SN, 148 jts 2-3 rf 4701'. ND BOPE. NU WH. Swab 10 mins, and unloads when casing i ". Soap well, SI and equalize well.  wwillary Equipment  Title:     | 3/8" 4.7# tubing. Land well at 4688' EOT. 5 12 runs, IFL 3800'. Kick well off, Csg at 230#, is at 230#. Attempt to turn well to sales with sales  ngineering Manager Date: 1-16-2004   |