Form 3160-4

UNITED STATES

FORM APPROVED

| 105 | (April 2004) | | | | | NT OF TH | | | | | | | | | | IO. 100 | | |
|--|---------------------|---|-------------|------------------|--------------|-------------|----------|-----------|-------------|----------|-----------------------------|-----------------------------|---------------------------------------|-----------------|------------------|----------|------------|----------------|
| 1. Type of Conveitor Coll Well X Sex West | | WELL | COMP | | | | | | | RT / | חו מאס | G | | 5 1 000 | | March . | 31, 2007 | |
| E. Type of Competition Comment Competition Competi | | F | | | | | == | | KLFO | <u> </u> | AND LO | <u> </u> | | = 5. Leas | | 1015 | 90 | |
| A coress | | | | | | | 믈 | l I | | | 1 | | | - | | | | |
| Additional Content of Wall (Report Content or Wall (| b. Type of Comple | I | 1 | Work Over | | Deepen | L | Plug Bacl | k | | Diff. Re | svr., | | 6. If Inc | lian, Allottee | or Tribe | e Name | |
| 30 Address 1.05 S. 41h Str., Artesia, NM 88210 30 Frome No. (include area code) 1.05 S. 41h Str., Artesia, NM 88210 30 Frome No. (include area code) 1.05 S. 41h Str., Artesia, NM 88210 30 Sry-48. 1471 4.05 Str., Artesia, NM 88210 30 Sry-48. 1471 5.05 Str., Artesia, Artesia, NM 88210 30 Sry-48. 1471 5.05 Str., Artesia, Artesia, Artesia, Artesia, Artesia, NM 88210 30 Sry-48. 1471 5.05 Str., Artesia, NM 88210 30 Str., Artesia, Artesi | , | | | | | | | | | | | | | 7. Unit | or CA Agree | ment Na | ame and | No. |
| 1.05 S. 4th Str. Artesia, NM 88210 \$05-748-1471 Chosa ATR Federal #2 | Yates Petro | oleum Corp | oration | | | | | | | | | | | | | | | |
| Activation of Well (Report) location releasity and in accordance with Federal Recourtments)* RECEIVED | 3. Address | Ct. Autooi | ~ NINA O | 0040 | l l | | • | | a code) | | | | | i i | | | | #0 |
| At Surface 710°FSL & 710°FWL (Unit M, SWSW) APR 2.7 206 | | | | | | | | | nts)* | DE | CEIVE | <u>ה</u> | | | | IKE | euerai | #2 |
| At top prod. Interval reported below At top prod. Interval reported below At total depth. Same as above Course of Paper 1.5 set 17.67.00 in Book and Survey or Area 1.5 set 17.67.00 in Book and Surv | | | | , | | | | | , | nc | CEIVE | <u>'</u> | | | | 15-3 | 1210 . | SI |
| At top prod Interval reported below At total depth. Same as above Content | At Surface | | 710'F | SL & 710'F | WL (U | Jnit M, S | SWS | SW) | | AP | R 27 20 | 06 | | - I | | | | |
| At total depth Same as above Salified as dutive Salified Salified Salified 12 Salified | | | | | | | | | C | | | | | | | | | orrow |
| At total depth Same as above | At top prod. In | iterval reporte | d below | | | Sai | me | as abo | ve | | ्र _क ्षक्रम् । स | न्त्र तक्षा ^{त्} र | | Sur | vey or Area | | | |
| Eddy New Mexico | | C | | | | | | | | | | | | | | | | 6E |
| RH 12/2/05 RT 12/6/05 17/25/06 D & A Ready to Prod. 3191*GL 3208*KB | At total depth | Same a | is above | : | | | | | | | | | | | | ì | | exico |
| RH 12/2/05 | 14. Date Spudd | ed | | 15. Date T.D. | Reache | :d | 16. | Date Co | mpleted | | 3. | /21/06 | 5 | 17. Ele | vations (DF, | RKB,R1 | ,GL)* | |
| 18. Total Depth: MD | • | | /6/05 | 1/ | 25/06 | | | | • | | X Ready | to Prod | ١. | | ·- | | - | 'R |
| 21. Type Electric & Oliner Mechanical Logs Run (Submit copy of each) 22. Was Well corred? | 18 Total Depth: | MD | 12.056' | | 19. Plu | g Back T.D. | <u> </u> | MD | 12.010 |)' 20. | Depth Brid | ae Plua | Set: | L MD | | | 2001 | |
| CNL, Hi-Res Laterolog Aray, CBL Was DST run? X No | re. retai bepiin. | | | | | g = aon 112 | | | | | | 5- · - 5 | | | | | | |
| CNL, Hi-Res Laterolog Aray, CBL Was DST run? | | | | (O. b) | | | 1 | 10/ 10/- | -1110 | | X N- | | · · · · · · · · · · · · · · · · · · · | Culturalities | !:-) | | | |
| CNL, Hi-Res Laterolog Aray, CBL Control | 21. Type Electric 8 | Other Mechani | cal Logs Ru | n (Submit copy o | of each) | | 22 | | | | | | | | | | | |
| 23 Casing and Liner Record (Report all strings set in well) | CNL, Hi-Res | Laterolog | Aray, C | BL | | | | | | 1 | | $\overline{}$ | | | | | | |
| Hole Size Size/Grade Wit (With Top (MD) Bottm(MD) Depth Type of Cement Type | | | | | | | | Direction | ai Suivey: | | | | (3) | Odbinico | | | | |
| Hole Size Size Grade Wt.(#tt), Top (MD) Bottm(MD) Depth Type of Cement (BBL) Cement Top Amount Pulled 17-1/2" 13-3/8" 48# Surface 390" 400 sx Surface 12-1/4" 9-5/8" 36# Surface 8561" 900 sx 1350" Surface 8-3/4" 7" 26# Surface 8561" 900 sx 1350" Surface 12,056" 260 sx 8720°CBL Surface 13,050" Suze Depth Set (MD) Packer Depth (MD) Suze Depth Set (MD) Su | 23. Casing and | Liner Record (| Report all | strings set in v | vell) | | _ | Stat | e Cemen | ter | No of Si | (s. & T | Siur | rv Vol | · | | | |
| 12-1/4" 9-5/8" 36# Surface 1818' 775 sx Surface 8-3/4" 7" 26# Surface 8561' 900 sx 1350' | Hole Size | Size/Grade | Wt.(#/ft | .) Top (MI | D) | Bottm(MD |)) | 0.0. | | | 1 | | | - | Cement | Top* | Amou | nt Pulled |
| 8-3/4" 7" 26# Surface 8561' 900 sx 1350' | | | | | | 390' | | | | | | | | | Surfa | | | |
| Size | | | | | _ | | | | | | | | | | | | | |
| 24. Tubing Record Size | | I | | | | | | | | | | | | | | | | |
| Size | 0-1/6 | 4-1/2 | 11.0+ | Suriac | e | 12,056 | | | | | 200 8 | × + | | | 87200 | >DL | | |
| Size | 24. Tubing Reco | ord | | | | | | | | | L | | | | · | | | |
| 25. Producing Intervals Formation Top Bottom 11,230' 11,940' SEE ATTACHED SHEET C) Depth Interval SEE ATTACHED SHEET ACCEPTED FOR RECORD ALEXIS C. SWOBODA PETROLEUM ENGINEER ALEXIS C. SWOBODA PETROLEUM ENGINEER ALEXIS C. SWOBODA PETROLEUM ENGINEER Production Interval A Date First Produced Date Tested 3/22/06 24 □ 0 418 33 NA NA NA Flowing Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Oil Gravity BBL Ratio 8/64" 945 psi Packer □ 0 418 33 NA NA NA Production Date First Test Hours Production BBL MCF BBL Ratio 8/64" 945 psi Packer □ 0 418 33 NA NA NA Production Date First Test Production Horival BBL MCF BBL Ratio 8/64" 945 psi Packer □ 0 418 33 NA NA NA Production Date First Test Production Horival BBL MCF BBL Ratio 8/64" 945 psi Packer □ 0 418 33 NA Production Date First Test Hours Production BBL MCF BBL Ratio 8/64" 945 psi Packer □ 0 418 33 NA Production Date First Test Hours Production BBL MCF BBL Corr. API Gravity 8/64" 945 psi Packer □ 0 418 33 NA Production Date First Test Hours Production BBL MCF BBL Corr. API Gravity BBL Well Status Production Method Production Meth | | | t (MD) | Packer Dept | h (MD) | Size | | Depth S | Set (MD) | Pa | cker Depth | (MD) | Size | Depti | n Set (MD) | Pac | ker Dep | th (MD) |
| Formation | 2-7/8" | 11,090' | | 11,090' | | | | | | | | | | | | | | |
| A) Morrow B) SEE ATTACHED SHEET C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval SEE ATTACHED SHEET ACCEPTED FOR RECORD APR 2 4 2006 SEE ATTACHED SHEET APR 2 4 2006 SEE ATTACHED SHEET Amount and Type of Materia APR 2 4 2006 SEE ATTACHED SHEET ARILLAIS C. SWOBODA PETROLEUM ENGINEER Date First Produced Date Joace Joace Alle State Production BBL MCF BBL Corr. API Gravity Gas Gravity NA NA Flowing Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status BRIAND STATE SHOW SHOW SHOW SHOW SHOW SHOW SHOW SHOW | 25 . Producing I | ntervals | | | | | | | | 26. | Perforation | Record | | | | · | | |
| SEE ATTACHED SHEET | | ormation | | | ŎI. | | | | | Per | forated Inte | val | Size | No | . Holes | | Perf. St | atus |
| C) D) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval SEE ATTACHED SHEET AROUNT and Type of Materia APR 2 4 2006 ALEXIS C. SWOBODA PETROLEUM ENGINEER ALEXIS C. SWOBODA ALEXIS C. SWOBODA PETROLEUM ENGINEER ALEXIS C. SWOBODA PETROLEUM ENGINEER ALEXIS C. SWOBODA ALEXIS C. SW | | | | 11,23 | 0. | | 11 | ,940 | | | | - | ΕΕ Λ. | FTACH | ED SHE | ET | | |
| Diagram Dia | | | | | | | | | | | | 1 | | | | | | |
| Depth Interval Amount and Type of Materia APR 2 4 2006 | D) | • | | | | | | | | | | $\neg \uparrow$ | AL | UEHH | FD FC | RF | ECC |)RD |
| SEE ATTACHED SHEET | 27. Acid, Fractu | re, Treatment, | Cement S | queeze, Etc. | | | | | | | | L | | | | • | | |
| SEE ATTACHED SHEET AILEXIS C. SWOBODA 28. Production - Interval A Date First | De | pth Interval | | | | | | | Am | ount a | and Type of | Materia | | | | F1.71 | | |
| Allexis C. Swoboda Petroleum Engineer | | | | | | OF. | - T- A | TTAC | LIED O | | | | ļ | Ar | 2H 24 | 200 | <u> 16</u> | |
| 28. Production - Interval A Date First Test Date Tested Date Tested Production BBL MCF BBL Corr. API Gravity New Production Method Choke Tbg. Press. Csg. Press. Rate BBL MCF BBL Ratio NA Production Production Production Production BBL MCF BBL Ratio NA Producting 28a. Production-Interval B Date First Test Hours Test Dil Gas Water Gas: Oil Att NA Producting Choke Tbg. Press. Csg. Press. Rate BBL MCF BBL Ratio NA Producting Choke Tested Production-Interval B Date First Test Hours Test Dil Gas Water Oil Gravity Gas Production Method Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Oil Gravity Gas Production Method Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status | | | | | | 36 | EE P | ATTAC | HED 2 | HEE | <u> </u> | | | <u> </u> | | (A | ^ 4 |) |
| Date First | | · | | | | | | | | | | | | ALEX | IS C. SV | VOB | ODA | 1 |
| Produced 3/22/06 Date 3/26/06 Tested 24 Production □ 0 BBL 418 MCF 33 BBL NA | 28. Production - | Interval A | | | | | | | | | | | | PETRO | LEUM (| NGI | NEER | |
| 3/22/06 3/26/06 24 □ 0 418 33 NA NA Flowing Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status Size Flwg. Press. Rate BBL MCF BBL Ratio 8/64" 945 psi Packer □ 0 418 33 NA Producing 28a. Production-Interval B Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method Produced Date Tested Production BBL MCF BBL Corr. API Gravity Gravity Gravity Well Status | | 1 | 1 | II. | | 1 | | | 1 | ł | • | Ga | s Pr | oduction | Method | | | |
| Choke Size Flwg. Press. Rate BBL MCF BBL Ratio 945 psi Packer □ 0 418 33 NA Producing 28a. Production-Interval B Date First Produced Date Tested Production □ Date Date Date Date Date Date Date Date | | | 1 | | | i | | | | ' | | I | | | F1 | | | |
| Size 8/64" 945 psi Packer | | | | | | <u> </u> | | | | | | <u> </u> | | | 101 | wing | | |
| 8/64" 945 psi Packer | | 1 - | _ | 1 | | | | l l | | | | Well S | tatus | | | | | |
| 28a. Production-Interval B Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method Produced Date Tested Production BBL MCF BBL Corr. API Gravity Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status | | | | 1 - | | | | l l | | | | | | ŗ | Producin | a | | |
| Produced Date Tested Production BBL MCF BBL Corr. API Gravity Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status | 28a. Production | | | | | | | <u> </u> | <u> </u> | | | I | | | | <u> </u> | | |
| Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status | | l . | | 1 | | l | | l . | | | • | 1 | - 1 | oduction | Method | ,,,,,, | | |
| Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas: Oil Well Status | Produced | Date | Tested | 1 | | BBL | | MCF | BBL | Cor | r. API | Gravity | / | | | | | |
| | Choke | The Press | Cen | | | Oil | | Gae | Water | God | s: Oil | Molic | tatus | | | | | |
| | | 1 - | _ | l l | | | | I | | | | 144611 2 | iaius | | | | | |

| 28b. Production | - Interval C | | | | | | | | | |
|---|--------------------|---------------------------------------|---------------------|-------------------------------|--------------|---------------|-------------------------------------|----------------|---------------------------------------|----------------------|
| Date First | Test | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | Production Method | |
| Produced | Date | Tested | Production | BBL | MCF | BBL | Corr. API | Gravity | | |
| Choke | Tbg. Press. | Csg. | 24 Hr. | Oil | Gas | Water | Gas: Oil | Well Statu | S | |
| Size | Flwg. | Press. | Rate | BBL | MCF | BBL | Ratio | | - | |
| 3/26 | l Iwg. | 1 1033. | | | 100 | I DDL | 1,010 | | | |
| | <u> </u> | <u> </u> | | | | <u> </u> | <u> </u> | 1 | | |
| 28c. Production | | · · · · · · · · · · · · · · · · · · · | | | | | | - | | |
| Date First | Test | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | Production Method | |
| Produced | Date | Tested | Production | BBL | MCF | BBL | Corr. API | Gravity | | |
| | | | | | | | 1 | | | |
| Choke | Tbg. Press. | Csg. | 24 Hr. | Oil | Gas | Water | Gas: Oil | Well Statu | S | |
| Size | Flwg. | Press. | Rate | BBL | MCF | BBL | Ratio | 1 | | |
| 0126 | l' wg. | 1 1033. | □ | 1 252 | 1 | 1000 | 1.000 | | | |
| | <u> </u> | | | | | | | | | |
| 29. Disposition of | of Gas (Sold, ι | used for fuel, v | rented, etc.) | | | | | | | |
| Sold | | | | | | | | | | |
| 30. Summary of | Porous Zones | c (Include Aqui | ifore) | 7.0 | | | | 31 Forma | tion (Log) Markers | |
| 30. Summary of | 01003 20116 | s (include Aqui | 11010). | | | | | 01,101110 | don (Log) Markers | |
| Show all import | tant zones of | porosity and | contents thereo | f: Cored in | tervals and | all drill-ste | m | | | |
| tests, including of | tepth interval | tested, cushioi | n used, time tool | open, flowin | g and shut- | in pressure | es | | | |
| and recoveries. | | | | | | | | | | |
| | ormation | | Тор | Bottom | Dec | cription Cr | ontents, etc. | | Name | Тор |
| | omation | | ΤΟΡ | DOMONI | Des | cription, Ci | ontents, etc. | 1 | Name | Meas Depth |
| | | | | | | | | Delawa | 'e | 1742' |
| | | l | i i | } | | | | | | 1 |
| | | | | | | | | Cherry | - | 2568' |
| | | | | | | | | Brushy | Canyon | 3564' |
| | | 1 | | | | | | Bone S | orina | 5264' |
| | | 1 | t | | | | | 1 | _ | 1 |
| | | i | i | | | | | L | e Spring | 8020' |
| | | 1 | | | | | | Wolfcar | np | 8402' |
| | | - [| - | | | | | Strawn | | 10,476' |
| | | 1 | | | | | | 1 | | |
| | | | ļ. | | | | | Atoka | | 10,796' |
| | | 1 | | | | | | Morrow | | 11,220' |
| | | 1 | | | | | | | | |
| | | İ | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | <u> </u> | | |
| 32. Additional re | marks (includ | e plugging pro | cedure): | | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| 33. Indicate whi | ch items have | heen attache | d by placing a ch | neck in the ar | onropriate h | JUNES. | | | · · · · · · · · · · · · · · · · · · · | |
| oo. malaata wiii | | | | ì | | | | | 1 | |
| | Electrical | /Mechanical Lo | ogs (1 full set red | ('a.) | Geolo | gic Report | L_IDST I | Report | Directional Survey | |
| | | | | | | | | | | |
| | Sundry N | otice for pluggi | ing and cement | verification | Core A | Analysis | X Other | Deviation | Survey | |
| | | | g == coo | | | aryo.c | 210 | Domation | ourray | |
| | | | | | | | | | | |
| 34. I hereby cert | ify that the for | egoing and att | ached information | n is complet | e and corre | ect as deter | rmined from all av | ailable reco | rds (see attached instru | ıctions)* |
| | | | | | | | | | | |
| Name(please print) , Tina Huerta Title Regulatory Compliance Supervisor | | | | | | | | | | |
| rame(piease pr | | | | Tilla riue | ııd | | | Title | Regulatory Com | phance Supervisor |
| | | , , , , | 1/ | | | | | | | |
| Signature | | a 1. | 11 | آم ه ي | د مه | | | Date | Anril 1 | 7, 2006 |
| | | | | | | | | | | ., 2000 |
| Title 18 LLS C | ection 1001 | and Title 43 II | S.C. Section 13 | 12 maka ita | crime for a | any person | knowingly and | lifully to m-1 | ke to any department or | occopy of the Heller |
| States any talse | , fictitious or fr | raudulent state | ments or repres | اکہ ااامدہ ال entations as | to any matt | er within its | knowingly and Wi s jurisdiction. | muny to mai | te to any department of | agency of the United |
| | | | | | | | | | | |

Yates Petroleum Corporation Chosa ATR Federal #2 Section 5-T25S-R26E Eddy County, New Mexico

Form 3160-4 continued:

| 26. Perforation Record | | | | | | | | |
|------------------------|------|-----------|--------------|--|--|--|--|--|
| Perforated Interval | Size | No. Holes | Perf. Status | | | | | |
| 11,930'-11,940' | | 61 | Producing | | | | | |
| 11,906'-11,912' | | 37 | Producing | | | | | |
| 11,772'-11,774' | | 13 | Producing | | | | | |
| 11,644'-11,650' | | 37 | Producing | | | | | |
| 11,626'-11,632' | | 37 | Producing | | | | | |
| 11,562'-11,580' | | 109 | Producing | | | | | |
| 11,534'-11,550' | | 97 | Producing | | | | | |
| 11,490'-11,492' | | 13 | Producing | | | | | |
| 11,296'-11,316' | | 121 | Producing | | | | | |
| 11,270'-11,280' | | 61 | Producing | | | | | |
| 11,230'-11,236' | | 37 | Producing | | | | | |

| 27. Acid, Fracture, | Treatment, Cement Squeeze, Etc. |
|---------------------|---|
| Depth Interval | Amount and Type of Material |
| 11,906'-11,940' | Acidize w/1000g 7-1/2% Morrow acid |
| 11,772'-11,774' | Acidize w/250g 7-1/2% Morrow acid |
| 11,490'-11,650' | Acidize w/1250g 7-1/2% Morrow acid |
| 11,490'-11,940' | Frac w/CO2 foam frac, 697 bbls fluid, 255 tons CO2, 68,600# 20/40 Ultraprop |
| 11,230'-11,316' | Frac w/CO2 foam frac, 560 bbls fluid, 200 tons CO2, 50,000# 20/40 Carboprop |

Regulatory Compliance Supervisor

April 17, 2006

OPERATOR

Yates Petroleum Corporation

WELL/LEASE Chosa ATR Federal 2

Eddy, NM COUNTY

STATE OF NEW MEXICO

| | | DEVIATION | REPORT | |
|-------|--------|-----------|--------|------|
| 198 | 1/2 | 9,922 | 3/4 | |
| 347 | 1/4 | 10,476 | 1/4 | |
| 670 | 1/4 | 10,968 | 1/2 | |
| 963 | 1 | 11,476 | 3/4 | |
| 1,263 | 1 1/4 | 11,975 | 1 1/4 | |
| 1,550 | 1 1/2 | 12,050 | 1 1/4 | |
| 1,678 | 1 3/4 | | | |
| 1,919 | 1 1/4 | | | |
| 2,394 | 1 3/4 | | | |
| 2,551 | 1 1/2 | | | |
| 2,707 | 1 | | | |
| 2,955 | 3/4 | | | |
| 3,431 | 1/4 | | | |
| 3,878 | 1 | | | |
| 4,374 | 1 | | | |
| 4,855 | 1 3/4 | | | |
| 4,980 | 1 1/4 | | | |
| 5,100 | 3/4 | | | |
| 5,233 | 1 | | | |
| 5,485 | 1 3/4 | | | |
| 5,644 | 1 3/4 | | | |
| 5,708 | 2 1/4 | | | |
| 5,811 | 3 | | | |
| 5,874 | 3 | | | |
| 5,960 | 2 1/2 | | | |
| 6,223 | 1 1/2 | | | |
| 6,349 | 1 1/4 | | | |
| 6,828 | 3/4 | | | |
| 7,326 | 2 | | | |
| 7,675 | 2 2 | | | |
| 7,813 | 2 | | | |
| 7,941 | 1 1/2 | | | |
| 8,476 | 1 | | | |
| 8,638 | 1 | | | |
| 8,887 | 1 1/4 | | | |
| 9,328 | 1/2 | | | |
| | | | | |

STATE OF TEXAS COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on Moore on behalf of Patterson - UTI Drilling Company, LP, LLLP.

February 8, 2006 , by Steve

Milelatorn Notary Public for Midland County, Texas My Commission Expires: 8/23/07



J ROBERTSON

Notary Public, State of Texas My Commission Expires:

August 23, 2007