N.M. Oil Cons. Division 1625 N. French Dr.

Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INHOUSE, NM 88240

BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-1037

| Expires: | November | 30, | 20 |
|----------|----------|-----|----|

| | | WEL | .L CU | NIPLE | HON | OR RECOI | WPL | EHON | KEP | OH! A | ND LOG | i | | 5. Lease Serial No NM-90161 | | | |
|--------------------------------|---------------------|-----------------|--------------|-----------------------|-----------------|----------------------------------|---------------|--|--------------------|---------------------------------------|--------------------|---------------------------------------|--------------------|----------------------------------|-----------------|-------------------------|--------------------------|
| la. Type of Wel | | | | | | | | | | • | | | | 6. If Indian, Allott | | me | |
| b. Type of Com | ☑ Oil W pletion: | 'ell | | Gas | Well | ☐ Dr | 4 | Ц | Other | | | | | 7. Unit or CA Agr | reement Name | and No. | |
| | New ' | | | ☐ Wor | kover | ☐ De | epen | | Plug B | ack | Diff. | Resvr. | | | | | |
| | U Other | r | | | | | | | - | | | | | 8. Lease Name an Hawk B-1 | | | |
| 2. Name of Oper | | | | | <u> </u> | | | | | | | | | 9. API Well No. | | . | |
| Apache C 3. Address | orporati | on | | | - | | | | Izo ph | ona No. /in | clude area co | J - 1 | | 30-025-36: 10. Field and Poo. | | | (|
| 6120 S. Y | ale, Sui | te 1500, | Tulsa | a, OK | 74136 | <u>.</u> | | | Ja. Fi | | 91-4957 | | | Hare, San A | | | 10\C \ 2\35\7 |
| 4. Location of W At surface | | | | | | eral requirements, P (SE/4, S | | | | | | | | 11. Sec., T., R., M | | - | 3 |
| Atsurace | 1. | 010 101 | , 1.J. | OILL | , Onit | 1 (01/4, 0 | <i>∟i ¬</i>) | | | | | | | Sec. 9, T-2 | 71S, R3/ | E | |
| At top prod. is | nterval report | ed below | | | | | | | | | | | | 12. County or Par | ish | 13. State | ; |
| At total depth | | | 1 | | | | | · | | | | | | | Co. | | NM ——— |
| 14. Date Spudde | | 2004 | 15. Dat | te T.D. Read 2/10/ | | | | 16. Date 0 | Completed D & A | | ✓ Read | v to Pr | oduce | 17. Elevations (DI | F, RKB, RT, G | L) * | |
| | | · | | | · | · . · | | | | | | 3/02/04 | | 3478' GL | | | |
| 18. Total Depth: | MI TV | | 4743 | | | | | 1070 | | | | | oth Bridge Plug | | | | |
| 21. Type Electric | | | Run (Su | ibinit copy o | of each) | | TVD | ······································ | | - | 22. Was we | all cored? | V | No | TVD Yes (s | Submit analysis | ` |
| CSL, DSN | N-SDL | | | | | | | | | | l | STrun? | | No | | Submit report) | , |
| | | | | | | | | <u></u> | | | Direction | onal Surv | ey? ✓ | No | _ | Submit copy) | |
| 23. Casing and I Hole Size | Size/Grade | T | | T | MDV | P-11-11 (14D) | : | Stage Cerns | enter | No. o | of Sks. & | S | lurry Vol. | | | | |
| | | | | Top (| | Bottom (MD) | | Depth | | | of Cement | <u> </u> | (BBL) | Cement Top* | ļ | Amount Pulled | |
| <u>12-1/4</u> 7-7/8 | 8-5/8 5-1/2 | 24 | <u> #</u> | | | 443' 4740' | | | | | 9 <u>75</u> 000 | | 90 92 | Ci to surf Ci to surf | <u> </u> | | |
| 1-110 | J-1/4 | | | | <u></u> | 4740 | | | | 1 | 000 | | 92 | CL to sur | 1 | | |
| | | | | | | | | | | | | | | | | | |
| | | | | - | | | ├- | | | | | | | | 101920 | 127 | |
| 24. Tubing Reco | | | | <u> </u> | | | l | | | r | | <u>.</u> | | 76 | | | 63 // · /* |
| 2-7/8 | | Set (MD) 28' | Pac | cker Depth (| MD) | Size | 1 | Depth Set (| MD) | Pac | ker Depth (M | D) | Size | Øepæ Set (| | Packer Dept | th'(MD) |
| 25. Producing In | itervals | | - | | 1 | | 26. Pe | rforation R | | L | | · · · · · · · · · · · · · · · · · · · | L.,, | 122 | | 3% | (1) |
| Hare; San | Formation | NW | + | Тор -108 | | Bottom | | | Perforated | 4155 | | | Size | Nor-Holes 70 | 100 | Per Status Producins | z 17 |
| TICKE, DOIL | 7 tiratos | | | 100 | | | | | +100 - | 7133 | | | | \ <u>\</u> \ <u>\</u> \ <u>\</u> | b 12.1 | rogacing | / |
| | | | - | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | 16. | | <u> </u> | <u> </u> |
| 27. Acid, Fractur | re, Treatment, | Cement Sque | eze. Etc. | | <u> </u> | | | ` | | | | <u> </u> | | | | 7 5 Z | <u> </u> |
| | epth Interval | | | | | | | | | Amount | and Type of | Material | | | | | |
| 4108-55 | | | Acio | lized w | / 3000 | gals HCL | | | | | | | | | | | - |
| | | | | | | | | | | | | | | | | | |
| 28. Production - | Interval A | | <u>L</u> | | | | | | | | | | | - | | | |
| Date First | Tes | | | Hours | Test | | Oil | | Gas | | Water | | Oil Gravity | Gas | Production M | lethod | |
| 3/2/0 ⁴ | Dat 1 | 3/19/20 | ΩI | Tested | Producti | on | BBL | , | MCF | 2.41 | BBL | , | Cort. API | Gravity | | ъ. | |
| Choke | | 3/ 19/ 20 | 04 | 24 Casing | 24 Hour | | Oil | 3 | Gas | 241 | 297 | <u> </u> | 38.8 | 70 (11 0) | | Pumping | |
| Size | Pre | ssure | | Pressure | Rate | | BBL | | MCF | | Water BBL | | Gas : Oil Ratio | Well Status | | | |
| | Flw SI | g. | | | - | | | | | | | | 80333 | 3 | Prod | lucing | |
| 28a. Production Date First | - Interval B Tes | 1 | | Hours | Test | | Oil | | Gas | | Water | | Oil Courts | 1/5 | The street of Y | | |
| Produced | Dat | | | Tested | Producti | on | BBL | Γ | | EPTE | |) RE | OIL Gravity CORD | Gas Gravity | Production N | lethod | |
| | | | | | - | | | | | / h f h | 0101 | · 1/1- | | | | | |
| Choke Size | - 1 | oing ssure | | Cusing Pressure | 24 Hour Rate | | Oil BBL | | (01 | iG.SC | 12) D | WID | 1 30 | SS Well Status | | - | |
| | Flw | | | suit | | | DBL. | | YIV. | APR | 7 | 2004 | Ratio | | | 1 - | |
| (See instructions | Si and spaces t | or additional | data em | reverse sid- | <u></u> | | <u> </u> | | | | | | | | | K | 2 |
| | | | | or sine | | | | | - | | /ID R. G | | | | | V VZ | _ |
| | | | | | | | | L | P | EIROL | LEUM E | NGIN | EER | 1 | | | |

| 28b, Production - Interval | IC . | | | | · | | | | | |
|------------------------------|----------------------------|---------------|------------------------------|-----------------|-------------------------|----------------------|----------------------------|---|---------------------------------------|-----------------------|
| Date First | Test | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | Production M | ethod |
| Produced | Date | Tested | Production | BBL | MCF | BBL | Corr. API | Gravity | | |
| | | | | | | l | | | | |
| | | İ | → | | | İ | | | | |
| Choke | Tubing | Casing | 24 Hour | Oil | Gas | Water | Gas : Oil | Well Status | · | |
| Size | Pressure | Pressure | Rate | BBL | MCF | BBL | Ratio | 1 | | |
| | Flwg. | | | | Ì | 1 | |] | | |
| | sı | <u>.l.</u> | | | l | | | l | | |
| 28c. Production - Interval | | · · · · · · | la | | T | | | | | |
| Date First Produced | Test Date | Hours | Test | Oil BBL | Gas MCF | Water BBL | Oil Gravity | Gas | Production M | lethod |
| rioduced | Date | Tested | Production | BBL | MCF | BBL | Corr. API | Gravity | | |
| | | | ─ | | Ì | | | 1 | | |
| Choke | Tubing | Casing | 24 Hour | Oil | Gas | Water | Gas : Oil | Well Status | L | |
| Size | Pressure | Pressure | Rate | BBL | MCF | BBL | Ratio | Well Status | | |
| , | Flwg. | 11.000010 | | DDL. | Mer | BBC | Kano | | | |
| | SI | | | | | | | | | |
| 29. Disposition of Gas (Se | | etc.) | <u> </u> | | | | | | | |
| Sold | | | | | | | | | | |
| 30. Summary of Porous 2 | | | | | | | la. e | | | |
| 50. Summary of Polous 2 | ones (include Aquiters): | | | | | | 31. Formation (L | og) Markers | | |
| Show all important ze | ones of porosity and cont | ents thereof: | Cored intervals and all dril | li-stern | | | | | | |
| tests, including depth | interval tested, cushion t | sed, time too | l open, flowing and shut-in | ı pressures | | | | | | |
| and recoveries. | | | | | | | | | | |
| | | | 1 | | | | | | ···· | Тор |
| Formation | on | Тор | Bottom | 1 | Descriptions, Con | ntents, Etc. | | Name | | 10p Measured Depth |
| | | | 1 | + | | | Rustler | | | |
| | | | j | i | | | L | | 1 | 1288 |
| | | | | | | | Yates | | - 1 | 2652 |
| | | | i | | | | Seven Riv | ers | | 2870 |
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| 32. Additional remarks (in | | | <u> </u> | | | | l | | | |
| 32. Additional remarks (ii | nctude plugging procedur | e): | | | | | | | | |
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| 33. Mark enclosed attach | ments: | | | | | | | | | |
| ☑ Flectrical/N | dechanical Logs (| 1 full cat | rea'd \ | ☐ Geolog | ic Report | Пос | T Report | □ Direct | ional Surv | |
| E Ciccuicai/i | rechanical Logs (| I luli set | requ.) | L Geolog | ic Report | L 03 | i Report | ☐ Direct | ionai Surv | ey |
| | | | | | | | | | | |
| Sundry No | tice / Plugging / (| ement V | erification | Core A | nalysis | ☑ Ott | ner Deviation | Rnt/NM-(|)CD C-1 | 104 |
| | | V | | COLC AI | , | ال ال | Deviation | TABILITY OF | | |
| | | | | | | | | HU TIAM | <u> </u> | |
| 34. Thereby certify that the | te foregoing and attached | information i | s complete and correct as | determined from | all available records (| see attached instruc | tions)* INCIA | MV 401 | JAJAU8 | |
| | | | | | - | | | | · · · · · · · · · · · · · · · · · · · | |
| N1 | | 10 C a at | | | | OCT - 1 | Car Day 1 | - m - 1 | | |
| Name (plea | ise print) <u>Ka</u> | ra Coda | у | | | Title | Sr. Engineering | Hech - 7 | TA PUU. | 7 |
| | 1/ | . . | | | ** | | | , <u>, , , , , , , , , , , , , , , , , , </u> | | · |
| Signature Lana Colou | | | | | | Date | | 3/29/2004 | | |
| 5.1 | - iyaa | <u>~~</u> | M | | · · · · · · | — Date - | | J, ZJ, Z004 | 111 | |
| | | | | | | | | <u> </u> | | |
| Title 18 U.S.C. Section 10 | 01 and title 43 U.S.C. Sec | ion 1212 ma | ke it a crime for any perso | n knowingly and | willfully to make to a | my department or a | zency of the United States | any false fiction | me | |

fraudulent statements or representations as to any matter within its jurisdiction.