Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0137 er 30, 2000

| BUREAU OF LAND MANAGEMENT | Expires: November |
|--|---------------------|
| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | 5. Lease Serial No. |

| | *** | | | 11014 | ON NE | JOMI EL | | /14 1 <u>/</u> E1 | OIXI I | | | | | | Jica | rilla Co | ntrac | t 459 |) |
|--|---------------------------|--|---------------|--------------|---------------------------------------|--------------|-------------|---------------------|--|------------|------------------------|------------------------------------|------------------|--------------------------|---------|-------------------------|--|------------------|-------------------|
| la. Type of V | Vell [| Oil W | ell | [X] G | as I | Dry | Oth | er | 200 6 . | IIIN 2" | 7 E | m o r | 6. | lf In | dian, A | llottee or | [ribe] | Name | |
| 1a. Type of Well Dil Well Dil Gas Dry Other 2006 JUN 27 FM 9 55 b. Type of Completion: New Work Over Deepen Plug Back Diff. Resvr. | | | | | | | | | | ١٦ | Jicarilla Apache Tribe | | | | | | | | |
| | | | Other | | | Hills P | | _ | _ | - | | | 7. | Uni | or CA | Agreemen | nt Nan | ne and 1 | No. |
| 2. Name of C | nerator | | | | | | | | | • | | ~~ ».» | - | | | | | | |
| 2. I value of C | - | | | | | | ./1 | A:1 D | | | | TON MA | ∄ 8 . | | | e and Wel | | | |
| 3. Address | Віаск | HIIIS G | as F | esou | urces, In | ic. c | 70 | VIIKE P | | LC (Ag | | | 4 | | Jicar | illa 459 | -17 | No.2 | 4 |
| 3. Address | | _ | | _ | | | | | 3a. Pno | ne No. (în | | • | 9. | API | Well N | ło. | | | |
| | | | | | | M 87401 | | | <u> </u> | 505-3 | 27-45 | 73 | _ | | ; | 30-039- | 2932 | 24 | |
| 4. Location o | f Well (Repo | ort location | ns clea | arly and | d in accorde | ance with Fe | dera | l require | ments) * | | | | 10 | . Fie | id and | Pool, or Ex | plorat | tory | |
| | | | | | | | | | | | | | n Fruitland Coal | | | | | | |
| The wiles in the wiles in the country officer | | | | | | | | | | | 11 | 11. Sec., T., R., M., or Block and | | | | | | | |
| At top prod. interval reported below | | | | | | | | | | | | Survey or Area H 17 T30N R3W | | | | | | | |
| | | | | | | | | | | | 12 | 12. County or Parish 13. State | | | | | | | |
| At total depth | | | | | | | | | | | 1.7 | Rio Arriba NM | | | | | | | |
| 14. Date Spudded 15. Date T.D. Reached 16. Date Completed 17. Elevations (DF, RKB, RT, GL)* OF/OF/OF OF/OF OF/O | | | | | | | | | | | | | | | | | | | |
| 05/22/05 05/25/05 05/25/05 7166' GL & 7179' KB | | | | | | | | | | | <u>.</u> | | | | | | | | |
| 18. Total De | |) | 388 | 7' | 19. Plu | g Back T.D. | : | MD | 3848' | | | 20. Dep | th Bridg | ge Plu | g Set: | MD | | | |
| 21. Type Ele | TV | | aal I . | ogo Dun | (Submit as | mu of moh) | | TVD | | | 22 11/ | as well core | 19 176 | Nic | | TVD Yes (Sub | mit oo | | |
| INDUCTI | | | | | | | | | | | | as well cole as DST run' | | | | | | | |
| | 0.1, 02. | | | | , t, O.T., | · · · | | | | | | rectional Su | | | - | ZY Yes (| | - |) |
| 23. Casing a | nd Liner Re | cord (Ren | ort all | etrinos | s set in well) | | | | | | L | | <u> </u> | | | | | | |
| | | | | | | | | Stage C | ementer | No. of | Sks. & | Slurry | Vol. | /ol | | | | Dallad | |
| | Size/Grade | Wt. (#/ | π.) | | p (MD) | Bottom (M | (U) | De | | Type of | Cemen | | | | | nent Top* Amount Pulled | | | Punea |
| 12-1/4" | 8-5/8" | 24# | | | 0' | 267' | | | | | SX | | | 0' - circ | | | | | |
| 7-7/8" | 5-1/2" | 17# | | | 0' | 3885' | | | | 750 |) sx | | | 0' - circ | | | | | |
| | | <u></u> | | | | | | | | | | | | | | | <u> </u> | | |
| | | | l | | | | | | | | | | | | | | L | | |
| 24. Tubing ! Size | Depth Se | + (MD) | Pao | I-ar Dar | pth (MD) | Size | | Donth S | et (MD) | Packer D | enth (M | D) | Size | | Den | th Set (MT | <u>,, </u> | Packe | r Set (MID) |
| 2-3/8" | 379 | | 1.00 | 340 | | 3126 | | Бершз | ct (IVID) | 1 acker D | cpm (141 | 2) | 312.6 | ze Depth Set (MD) Packet | | | a der (IVID) | | |
| | 1 | | | | | · | | | | | | | | | | | | | |
| 25. Produci | ng Intervals | ······································ | | | · · · · · · · · · · · · · · · · · · · | | | 26. Per | rforation | Record | | | | | | | | | |
| | Formation | 1 | | | Top Botte | | | Perforated Interval | | | Size | | | No. Holes | | | Perf. Status | | |
| A) F | ruitland (| Coal | | 3 | 3596' 3738' | | | 3694'-98', 3685'-8 | | | | | | 40 | | | Open Hole | | |
| B) | | | | | | | | 3678 | 3'-80', 3 | 3668'-7 | 0' | | | | | | | | |
| C) | | | | | | L | | | | | | · | | | | | 1-5-1 | 7 | - 2 |
| 27. Acid, Fr | | | nent S | queeze, | , Etc. | | | | | A | | e of Materia | | | | <u></u> | 11 | dia's | - 46 P |
| | Depth Inter 3668' - 36 | | | Troc | atod w/A(| 00 gal. Fo | ` | io goid | 2 NO | Amount | and typ | e of iviateria | <u> </u> | | | <u> </u> | | | - (;) |
| | 000 - 30 | 90 | | 1166 | ateu w/4t | o gai. Ft | 21111 | ic aciu | OL INZ | - | | | | | | <u> </u> | - JU | 1 200 |)6 |
| | | | | | | | | | | | | | | | | Ê | ** E | State | 7 - 5 |
| 28. Product | ion - Interva | l A | | · | | | | | | | | | | | | الزال بنجي | Č . ½ | , Ca | AV. |
| Date First | Test | Hours | Test | | €માં | Gas | Wate | | Oil Gravi | | Gas | | Prod | luction | Method | 14 | الا | 31. t |) č. |
| Produced 08/17/05 | Date 06/17/05 | Tested 12 | Produ | etion | BBL | мсғ 88 | BBL | | Соп. АР | ľ | Gravity | | | | | Flow | ina | | / |
| Choke | Tbg Press | Csg. | 24 Hr | | €र्धा | Gas | Wate | r | Gas Oil | | Well St | ntus | | | | 11 104 | inig | | North Park |
| Size | Flwg. | Press. | Rate | | BBL | MCF | BBL | | Ratio | | | - | | | | | المذاخر | <u>U. 0</u> 1. | |
| 1" | PSI | <u> </u> | | ≥ | | 175 | <u> </u> | | <u></u> | · | <u> </u> | | | F | rodu | cing | | | |
| 28a. Produc | | | T | — т | 35.1 | 1.9 | | | To Ca | | La | | 15 | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Produ | | ા BBL | | Wate BBL | | Oil Grave Corr. AP | | Gas Gravity | | Prod | ruction | Method | I | | | |
| | | | <u></u> | → | | | | | | | 1 | | _ | | | | | | |
| Choke | Thg Press | Csg. | 24 Hr | , | Oal | Gas | Wate | | Gas Od | l | Well St | ntus | | - 1 | OF | PIEDS | | |) IND |
| Size | Flwg. Si | Press. | Rate | > | BBL | MCF | BBL | | Ratio | | İ | | | 0 | a Care | oa umisto | 393 G . | i ikin (Yi | 90 BAS |
| (See instruc | | aces for ac | dditio | nal date | a on reverse | side) | <u> </u> | | ــــــــــــــــــــــــــــــــــــــ | | <u> </u> | | | | | UN 2 | 26 | ns | |
| | • | | | | | • | | | | | | | | | J | FF | <i>3 L</i> U | لاقها | |

| 28b Prod | luction - Interv | al C | | | | | | | | | | |
|--|--|-----------------|--------------------|----------------|---------------------------------------|--|----------------------------|----------------------|--|------------------|--|--|
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method | | | |
| Choke Size | Tbg. Press. Flwg. S1 | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | | | | |
| 28c Prod | luction - Interv | al D | | <u> </u> | | | | | | | | |
| Date First | Test | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas Gravity | Production Method | | | |
| Produced | Date | Tested | Production | BBL | MCF | BBL | Corr. API | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio | Well Status | | | | |
| _ | osition of Gas (| Sold, used fo | or fuel, vente | ed, etc.) | L | · ! | | | | | | |
| Sold 30 Sumi | nary of Porous | Zones (Inch | ude Aquifers |) . | <u> </u> | | | 31 Formatio | n (Log) Markers | | | |
| Show tests, | all important | zones of porc | sity and con | tents thereof: | | vals and all dri ng and shut-in p | | 31.10111111 | a (Logy markets | | | |
| Fo | rmation | Тор | Bottom | | Descri | ptions, Content: | s, etc. | | Name | Top Meas. Depth | | |
| | | | 1 | 1 | | | | San Jose | San Jose | | | |
| | | | | | | | | Nacimient | 0 | 2066' | | |
| | | | 1 | | | | | Ojo Alam | 0 | 3170' | | |
| | | | | | | | | Kirtland | | 3414' | | |
| | | | | | | | | Fruitland | | 3596' | | |
| | | | | | | | | Pictured (| 3738' | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | l F | | | | |
| JICA | tional remarks ARILLA 45 mingled w | 9-17 #24 | | | | | | | MANAGARA ANTONIO MANAGARA ANTONIO MANAGARA ANTONIO MANAGARA ANTONIO MANAGARA ANTONIO MANAGARA ANTONIO MANAGARA | 1 | | |
| 33. Circl | e enclosed atta | chments: | | | · · · · · · · · · · · · · · · · · · · | ······································ | | | ······································ | | | |
| | lectrical/Mecha undry Notice fo | | | | | Geologic Repo Core Analysis | | OST Report Other: | 4. Directional Survey | | | |
| 36. I here | by certify that | the foregoin | g and attache | ed information | n is complete: | and correct as d | etermined from all | available records (| see attached instructions)* | | | |
| Name (please print) Mike Pippin 505-327-4573 | | | | | | Title | Petroleum Engineer (Agent) | | | | | |
| Signature Mika Kippin | | | | | | | | June 22, 2006 | | | | |
| Title 18 | U.S.C. Section | 1001 and T | itle 43 U.S.C | Section 12 | 12. make ita d | crime for any re | erson knowingly at | nd willfully to make | to any department or agen | cy of the United | | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.