• Form 3160-4 (August 2007)

UNITED STATES OCT-HOBBS

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED
FOR OMB Expires

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

| | | | | | | | | | | | | | | | LC- | 5320 | 96B | | | |
|---|-------------------------|------------------------|---------------|-----------------|----------------------------|------------------------|-------------|-------------|----------------------|----------|--------------|--|----------|---------------|-------------------|--|----------------------------|--------------|---------------------------------------|-----------|
| la. Type of Weil ✓ Oil Weil ☐ Gas Weil ☐ Dry ☐ Other b. Type of Completion: ✓ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., | | | | | | | | | | | | 6. If Indian, Allottee or Tribe Name NA | | | | | | | | |
| Other: | | | | | | | | | | | | 7. Unit or CA Agreement Name and No. EBDU | | | | | | | | |
| 2. Name of Apache C | Operator Orporation | ו | | / | | | | | | | | | | | | | Name and We ebry Drinka | | nit 109 | 1 |
| 3 Address 6120 S Yale Avenue, Suite 1500 Tulsa, OK 74136-4224 4. Location of Well (Report location clearly and in accordance with Federal requirements)* | | | | | | | | | | | | 9. AFI Well No. 30-025-39405 | | | | | | | | |
| 4. Location | of Well (F | Report local | ion cl | early ar | nd in accorda | ance with Fede | eral r | equireme | ents)* | | | | | | | | and Pool or E | | | |
| At surfa | Sec 13 Unit N, | , T 21S, F 330' FSL | | | /\ | | | | | | | | | | 11. 5 | Eunice; Bli-Tu-Dr, North (22900) 11. Sec., T., R., M., on Block and | | | | |
| | 2, | , | | | - | / | | | | | | | | | S | Survey or Area Sec 13, T 21S, R 37E | | | | |
| At top pr | od. interval | reported be | low | | | | | | | | | | | | 12. (| Count | y or Parish | | 13. State | |
| At total depth 14 Date Spudded | | | | | | | | | | | | Lea County NM | | | | | | | | |
| 09/29/2009 | | | | | | | | | | | | 17. Elevations (DF, RKB, RT, GL)* 3417' | | | | | | | | |
| 18 Total Depth: MD 7005' 19. Plug Back T.D.: MD 6958' 20. Depth Bridge Plug St | | | | | | | | | | | | et: MD TVD | | | | | | | | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? | | | | | | | | | | | | ✓ No | | | | | | | | |
| | n, DLL, CS | | | | | | | | | | | | | | N N | | Yes (Subm | | | |
| Hole Size | | | - | | zs set in well, op (MD) | Bottom (M | D) | _ | Cementer | | of Sks | | | Slurry Vo | i. | Ce | ment Top* | | Amount | Pulled |
| 12-1/4" | 8-5/8" | Size/Grade Wt. (#/ | | 0' | | 1438' | | De | epth Type 750 s | | of Cement | | 219 | (BBL) 219 | | Circ | | | | |
| 7-7/8" | 5-1/2" | 17# | | 0' | | 7005' | | | 1135 | | | | | 349 | | 82' | | | | |
| | | | | | | | | | | | | | <u>.</u> | | | | | | | |
| | ļ | | | | | | | | | | | | <u> </u> | | | | | | | |
| | | - | | | | | | | | ļ | | | | | _ | | | | · · · · · · · · · · · · · · · · · · · | |
| 24. Tubing | Record | | | <u> </u> | | l | ! | | | <u> </u> | | | l | | l. | | | ł | | |
| Size 2-7/8" | Depth 6721' | Set (MD) | Pac | ker Dep | th (MD) | Size | - | Depth S | et (MD) | Packer I | Depth (| (MD) | | Size | | De | pth Set (MD) | - | Packer De | epth (MD) |
| 25. Produc | | l | | | | | - | .6. Pe | rforation I | Record | | | | | | | | | | |
| 4) 11 | Formatio | | , | | ор | Bottom | | Per | forated In | | | | Sıze | | No. H | oles | | | f. Status | |
| A) Upper | | | | 5712'. | | | -+ | 5654' - 5 | | | | | | 54 | | | Producin | | | |
| B) Lower Blinebry C) Tubb | | | | 5712' 5201': | | 5996' - 6 6252' - 6 | | | | | | 68 | | | | | | - | | |
| D) | | • , | - | 12. | | | | 0202 - 0417 | | | | 174 | | | rioddollig | | | y | | |
| 27. Acid, F | | | nent S | queeze | , etc. | | | | | | | | | | | | | | | |
| 5654' - 58 | Depth Inter 99' | vai | - 5 | 796 g | als acid 65 | i,856 gals ge | el 23 | 3 399 # | | nd 70 f | | | | | | | | | | |
| 5996' - 61 | | | | | | ,784 gals g | | | | | | | | | | | | | | |
| 6252' - 64 | 17' | | 2 | 000 ga | als acid, 34 | ,440 gals g | el, 17 | 7,026 # | 20/40 sa | nd, 27,5 | 523 # | 16/30 |) sar | nd | | | | | | |
| 28. Product | ion - Intervs | 1 4 | | | | | | | | | | | | | | | | | | |
| Date First | | Hours | Test | | | Gas | Wat | er | Oıl Grav | ıty | Gas | 3 | | Producti | on Me | thod | | | | |
| Produced | | Tested | Prodi | ction | BBL | MCF | BBL | • | Corr. AP | ľ | Gra | vity | | Dumni | 20 | | | | | |
| 10/27/09 Choke | 10/31/09 Tbg. Press. | | 24 11 | | 41 | 130 | 32 | | 38.7 | | | | | Pumpir | ıy | | | | | |
| Size | Flwg. | Press. | 24 Hi Rate | • | | Gas MCF | Wate BBL | | Gas/Oil Ratio | | w e. | II Stati | us | | | | | | | |
| | SI | | - | | | | | 3171 | | | Producing | | | | =02 250 01 | | | | | |
| 28a. Produc | | | · | | 1= | | | | | | | R | ሶሶ | CPT | <u>-D</u> | ĒÛ | R REC | Jh | , | |
| Date First Produced | | Hours Tested | Test Produ | | 1 1 | Gas MCF | Wate BBL | | Oil Grav Corr. AP | | Gas Gra | | | Production | on Me | thod | | W | W/00 | D |
| Choke | Tbg. Press. | Csg. | 24 Hr | <u> </u> | Oil (| Gas | Wate | | Gas/Oil | | Wel | II Slatt | ıs | N(|)\ | 16 | 2009 | | 1-25 | -09 |
| Size | | Press. | Rate | | · | MCF | BBL | | Ratio | | | | 1 | Is/ N | ∕lyl | es | Kristof | | | |
| *(See instr | uctions and | spaces for | additio | nal data | a on page 2) | | | | <u> </u> | • | | | B | JREAU CARL | OF L SBA | AND D FIE | MANAGEM ELD OFFICE | EP: | - 14 | |

| 29h Brod | uction - Inte | errol C | | | | | | | | |
|--|--------------------|-----------------|-------------------|-------------|--------------------|---|---------------------|-------------------------------------|-------------------------------------|--------------------------|
| | Test Date | | Test | Oil | Gas | Water | Oil Gravity | Gas | Production Method | |
| Produced | | Tested | Production | BBL | MCF | BBL | Соп. АРІ | Gravity | | |
| Choke | Tbg. Press. | | 24 Hr. | Oıl | Gas | Water | Gas/Oil | Well Status | | |
| Size | Flwg. SI | Press. | Rate | BBL | MCF | BBL | Ratio | | | |
| | | | — | <u> </u> | | | | | | |
| | uction - Inte | | Test | Oil | Gas | Water | Oil Gravity | Gas | Production Method | |
| Produced | rest Date | Hours Tested | Production | BBL | MCF | BBL | Corr. API | Gravity | roddenon weinod | |
| - CI | | G | 24 11- | Oil | Gas | Water | Gas/Oil | Well Status | | |
| Choke Tbg. Press Size Flwg. | | Csg. Press. | 24 Hr. Rate | BBL | MCF | BBL | Ratio | W GII Status | | |
| | SI | | - | | | | , | | | |
| 29. Dispos | ! sition of Gas | s (Solid, us | sed for fuel, ve | nted, etc.) | | | | | | |
| Sold . | | • | | ŕ | | | | | | |
| | nary of Poro | us Zones | (Include Aqui | ifers): | | | | 31. Format | ion (Log) Markers | |
| 30 Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, | | | | | | | | | | |
| | | | | | | intervals and all ing and shut-in p | | | | |
| recove | · . | | u, vabiii vii uot | , | ,, op ul, , | 6 | | | | |
| · · · · | | 1 | | | | · | | - | | Тор |
| For | nation | Тор | Bottom | | Des | criptions, Conte | nts, etc. | | Name | Meas. Depth |
| | | ļ | | | | | | | | Wicas, Depth |
| Grayburg | | 3790 | | | | | | | | |
| | | | | | | | | | | |
| San Andres | i | 4030 | | | | | | | | } |
| Director | | 5712 | | | | | | | | |
| Blinebry | | 5/12 | | | | | | | • | |
| Tubb | | 6201 | | | | | | | | |
| | | | | | | | | | | |
| Drinkard | | 6542 | | | | | | | | |
| | | | | | | | - | | | |
| Abo | | 6833 | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 32 Addits | onal remark | s (include | plugging pro | redure): | | · | | | | <u> </u> |
| 32. Addit | ionai tematk | is (include | plugging pro | cedure): | | | | | | |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| 33. Indica | te which iter | ms have be | en attached b | y placing a | check in the | appropriate box | es: | | | |
| ✓ Elec | trical/Mecha | nical Logs | (1 full set req' | d.) | | Geologic Report | ☐ DST R | eport | Directional Survey | |
| ☐ Sund | Iry Notice fo | r plugging | and cement ve | rıfication | | Core Analysis | Other: | | | |
| 34 I harel | v certify the | at the force | toing and atta | ched info- | nation is see | onlete and some | t as determined for | ym all avariable | ecords (see attached instructions)* | |
| | | | phie Macka | | nation is con | upiere ann correc | | m all avallable r ing Technicial | | |
| | | | / | | 1 | | | | 1 | |
| Si | gnature | .X/. | Macka | 7 Mm | sloco | 11-25-09 | Date 11/04/200 | Ja | | |
| Title 1911 | Q C 20-4 | 1001 | Title 42 II C | <u></u> | | -11 | r norgan Issaer 1 | and11c-11 | make to any description | of the United State |
| | | | | | | it a crime for any atter within its ji | | and willfully to | make to any department or agency | of the United States any |
| (Continued | on page 3) | | | | | | | | | (Form 3160-4, page 2) |