Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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

| WELL | COMPLETION | OR RECOMPL | ETION REPORT | AND LOG |
|------|------------|------------|--------------|---------|

| WELL COMPLETION OR RECOMPLETION REPORT AND LOG | | | | | | | | | | | 5. Lease Senal No. NMNM-98192 | | | | | |
|--|---------------------------------|-----------------|--------------------|------------------|--|--------------|---------------------------|----------|---|----------|----------------------------------|--------------------------------------|--|------------------------|--------------|---------------|
| la Tuma of I | Wall | Z od w | /ell | Gas Well | Dry [| Othe | er | | | | | | | Allottee or | Tribe Nam | |
| la. Type of Well | | | | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | 7. Unit or CA Agreement Name and No. | | | | |
| Name of Roff Opera | Operator ating Comp | any, LLC | | | | | | | | | | | | me and Wel FEDERA | | |
| 3. Address | 333 Clay Stree Houston, Texa | et, Suite 430 | 0 | | | | 3a. Phone 1 713-658- | | ude are | ra code |) | 9 A 30- | FI Well | No. 342 <i>00</i> . | 61 | |
| | | | n clearly a | nd in accord | lance with Feder | ral requ | | | | | | 10. | Field and | d Pool or Ex | ploratory | |
| | 660' FSL | | | | • | | | | | | | | | il; Delawa | | west |
| At surfac | e | | | | | | | | | | | | Sec., 1., Survey o | R., M., on I | 9, T-23S, R | -32F |
| SAME AS ABOVE At top prod. interval reported below | | | | | | | | | | | 12. | County | or Parish | 13. S | | |
| At total depth SAME AS ABOVE | | | | | | | | | | | | Lea | Count | y | NM | |
| 14. Date Spudded 15 Date T.D. Reached 16. <u>Date Completed</u> 10/20/2007 | | | | | | | | | | | | | 17. Elevations (DF, RKB, RT, GL)* 3650' GL | | | |
| 07/07/200 18. Total De | | | 10112012 | | ug Back T.D.: | MD | Вак | | | | idge P | | MD | _ | | |
| | TVD | 8800' | | | | TVD_ | 8719' | | 22 W | /as wel | cored | 2 [7] N | TVD | Yes (Subm | it analysis) | |
| CBL-GR-C | ectric & Othe | r Mechanic | at Logs Kur | i (Submit co | ру от еасп) | | | | w | as DS | run? | Z | 10 🔲 | Yes (Subm Yes (Subm | it report) | |
| 23. Casing | and Liner Re | cord (Rep | ort all strin | igs set in we | 11) | | a. a | | | | | | | | | |
| Hole Size | Size/Grad | ie Wt (| (#/ft) | Top (MD) | Bottom (ME | D) [| Stage Cementer Depth | | of Sks of Cen | | | rry Vol BBL) | Cem | ent Top* | Am | ount Pulled |
| 17 5" | 13.375" F | 140 48# | 0' | | 1132' | | | 940 s | ks "C ["] | | | | Surf / Circ. | | None | |
| 11" | 8 625" J5 | | 0, | | 4569' | | | | sks "C | ks "C" | | | Surf / Circ. | | None | |
| 7.875" | 5 5" J55 | 15.5 | /17# 0' | | 8800' | | | 760 s | ks "C" | C" | | | 688' / CBL | | None | |
| | | _ | | | | | | | | | | | - | | | |
| | | | | | | | | | | -+ | | | | | | |
| 24. Tubing | Record | | | | | | | <u> </u> | | | | | L | | | |
| Size | Depth Se | et (MD) | Packer De | pth (MD) | Size | | Depth Set (MD) | Packer | Depth (1 | MD) | | Size | Dept | h Set (MD) | Pack | er Depth (MD) |
| 2.875" 25. Produci | 8630' | L | | | | 26 | Perforation | Record | | L | | | | | | |
| 23. Troduct | Formation | | | Тор | Bottom | | Perforated In | | | . 9 | lize | No. | Holes | | Perf. Sta | itus |
| | Y CANYO | <u>N</u> | 7310 | | 8550' 7310' - 7314' | | | | .40 | | | Open | | | | |
| B) | | | | | 7380' - 7390' | | | | | | | 30 | | | | |
| C) D) | | | | 8540' - 8550' 32 | | | | | 32 | | 40 | 40 Open | | | | |
| <u> </u> | racture, Treat | ment Cem | ent Saueez | e etc | | — | | | 1 | | | <u> </u> | | 1635 | 16777 | |
| | Depth Interv | | Squeez | e, etc. | | | | Amount | and Typ | pe of N | lateria | | | / 6° 44 6 | *6 | · 10 |
| 8540' - 85 | <u></u> . | | | | | | /40 Jordan Sa | nd & 4 | 7579# | Resin | Coat | ed Sand | | | | 18 |
| 7380' - 73 | | | | | HCI acid w/ c | | | | | | _ | | / <u>o</u> | 620 | 1. 10 H | 127 |
| 7310' - 73 7310' - 73 | | | | | HCl acid w/ c | | abilizer 3191# 20/40 R | ooin C | natad S | Sond. | | | \(\oldsymbol{0}\) | | <u> </u> | 12 23 |
| | ion - Interval | A | 29060 | # 20/40 30 | organ-Onlinin a | and ic | 191# 20/40 K | esin C | Jaieu 3 | Sanu | | | 100 | (a) | 12 150 El | <u> </u> |
| Date First | | lours | Test | Oil | Gas | Water | Oil Gra | | Gas | | Pı | oduction N | 1ethod | 4. | 1/2, 3 | <u> </u> |
| Produced | | | Production | | MCF | BBL | Corr. Al | rı | Gra | ivity | F | UMPING | 10 | حم | | 10°0 |
| 10/20/07 Choke | 10/30/07 Tbg. Press. (| 24 | 24 Hr. | Oil | Gas | 254 Water | 41 2 Gas/Oil | | Wal | ll Statu | | | | 10. | 20 07 2 | 10 |
| Size | | - | Rate | BBL | MCF | BBL | Ratio | | 1 | ii siaii | 13 | | | 137 | 0E 26. | |
| | SI | | → | 47 | 0 | 254 | N/A | | PR | RODU | CING | ı | | | | |
| | tion - Interva | | | la t | 10 | har. | 10.1.0 | | | | - 6 | | | | | |
| Date First Produced | 1 | tours Fested | Test Production | Oil BBL | Gas MCF | Water BBL | Oıl Grav Corr. Al | | Gas Gra | | | oduction A | | D DEC | OPD | l . |
| | } | | \rightarrow | | | | | | | - { | AU. | | D FO | R REC | מאט | * |
| Choke A | Tbg. Press. C | Csg. | 24 Hr. | Oil | Gas | Water | Gas/Oil | | Wel | 11 St. 6 | 2/1 | 741 | /in | Q (| N | CC |
| Size | | - | Rate | BBL | MCF | BBL | Ratio | | | | اد | NOV | H | 2007 | A/~\ | 00 |
| *(Solvinstr | uctions and s | paces for a | dditional d | ata on page | 2) | | · · | | • | | | DAV | ID R. (| GLASS | | |
| | | | | | | | | | | - 1 | ł | LIROL | .∟UM f | ENGINE | -K | i |

| _, | | | | | | | | | | |
|--|----------------------|--------------------|--------------------|-------------|----------------|-------------------|--------------------------|-------------------|-------------------------------------|------------------------------|
| | uction - Inte | | - | 0.1 | - To | | lou c | Can | Duoduotion Method | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr, API | Gas Gravity | Production Method | |
| Troduced | | rested | Toddenon | | 11101 | DDE | 00711 | 0.2 | | |
| | | | | | | | G (0.1 | W II G | | |
| Choke Size | Tbg. Press. Flwg. | Csg Press. | 24 Hr. Rate | Oıl BBL | Gas MCF | Water BBL | Gas/Oıl Ratıo | Well Status | | |
| Size | SI | riess. | Kale | BBL | IVICI | DBC | Katio | | | |
| | | Ï | | | | | | | | |
| | uction - Inte | | | | | | | | | |
| Date First | Test Date | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | Production Method | |
| Produced | | Tested | Production | BBL | MCF | BBL | Corr. API | Gravity | | |
| | | | | | | | | | | |
| Choke | Tbg. Press. | | 24 Hr. | Oil | Gas | Water | Gas/Oıl | Well Status | | |
| Size | Flwg. | Press. | Rate | BBL | MCF | BBL | Ratio | Į | | |
| | SI | | → | | | | | | | |
| 29. Dispo | sition of Gas | L S (Solid. 11: | sed for fuel, ve | nted, etc.) | | | | | | |
| _,, | | (| ,, | | | | | | | |
| | | | | | | | | | | |
| 30. Sumn | nary of Poro | us Zones | (Include Aqui | fers) | | | | 31. Format | ion (Log) Markers | |
| Show a | ill important | zones of | porosity and c | ontents th | ereof: Cored | intervals and al | l drill-stem tests, | | | |
| | | | | | | ing and shut-in | | | | |
| recover | nes. | | | | | _ | | | | |
| | | T | | | | | | | | |
| Earn | nation | Ton | Bottom | | Doo | criptions, Conte | anto oto | | Name | Тор |
| гон | панон | n Top Bottom | | | מט | criptions, Come | anis, etc. | | Name | Meas. Depth |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| 32 Additi | onal remark | s (include | plugging pro | redure). | | | | | | |
| J2. Additi | ionai iemair | .s (iliciude | prugging pro | ccuic). | | | | | | |
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| 33. Indica | te which ite | ms have b | een attached b | y placing | a check in the | appropriate bo | xes: | | | |
| [7] Elec | trical/Mecha | nical Loss | (1 full set rea) | (.b | | Geologic Repor | 1 □DSTR | !eport | ☐ Directional Survey | |
| · — · · · · · · · · · · · · · · · · · · | | | | | | | | | | |
| Sun | ary Notice fo | r plugging | and cement ve | rification | | Core Analysis | Other: | INCLINATION | N REPORT | |
| 34. I herel | by certify th | at the fore | going and atta | ched infor | mation is con | nplete and corre | ect as determined fro | m all available r | ecords (see attached instructions)* | |
| | | - Z · L | | | | , | | | | |
| Name (please tring) LINDSAY TRUESDELL Title REGULATO | | | | | | | AIORT ANALY | 31 | | |
| Signature / / / Date 11/05/2007 | | | | | | | | 07 | | |
| | | , | <u> </u> | 1 /0- | | <u> </u> | | | | |
| Title 18 II | S.C. Section | 1001 and | Title 4 | C Section | 1212 make | it a crime for an | ıv nerson knownalı | and vallfully to | make to any department or agence | v of the Linuted States on v |
| 61 6 | | . iooi aiit | | C. Scellor | , make : | a crimic 101 all | is become knowingly | mia wiiiiuiiy to | make to any department of agency | y or the Onlied States any |

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction