

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED

DEC 19 2008

SUBMIT IN TRIPLICATE - Other instructions on page 2

Bureau of Land Management
Farmington Field Office

Lease Serial No.

NMM-03523

6. If Indian, Allottee or Tribe Name

amant

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No

FEDERAL 31 #43

9. API Well No.

30-045-24965

10. Field and Pool, or Exploratory Area

W. KUTZ PICTURED CLIFFS

11. County or Parish, State

SAN JUAN

NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☒ Other <u>RECOMPLETE</u> |
| ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | <u>BASIN FC & CMT SOZ</u> |
| ☐ Convert to Injection | ☐ Plug Back | ☐ Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc. recompleat the Basin Fruitland Coal formation of this well & performed a cement squeeze f/1052' - 1090' per the attached summary report.

RCVD JAN 7 '09

OIL CONS. DIV.

DIST. 3

ZA PC 11/1/08

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

DOLENA JOHNSON

Title REGULATORY COMPLIANCE TECHNICIAN

Signature

Dolena C Johnson

Date 12/18/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ADMITTED FOR RECORD

Approved by

Title

Date JAN 06 2009

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

5/8

EXECUTIVE SUMMARY REPORT

10/31/2008 - 12/17/2008
Report run on 12/17/2008 at 5:40 PM
Report for: Farmington

Federal 31-43 - Federal 31-43

Section 31-27N-11W, San Juan, New Mexico, Farmington

10/31/2008 MIRU Rio Rig #1. Unseated pmp. TOH w/1-1/4" x 16' PR w/8' lnr, 67 - 3/4" rods & 2" x 1-1/4" x 10' RWAC-Z pmp. Found pmp stk opn w/lt sc.

11/1/2008 ND WH. NU BOP. TOH w/51 jts 2-3/8" tbg, SN, 2-3/8" x 4' perfd sub & 2-3/8" x 12' OEMA. TIH w/4-1/2" stng ml, XO & 53 jts 2-3/8" tbg. TOH w/53 jts tbg, XO & stng ml. TIH w/Weatherford 4-1/2" CIBP, setting tl & 49 jts 2-3/8" tbg. Set CIBP @ 1,598'. TOH w/1 jt tbg. Ppd dwn tbg w/22 BFW. Circ w/10 BFW. Attd to PT CIBP. Press dropd fr/800 - 500 psig 1". TOH w/48 jts tbg & setting tl. TIH w/4-1/2" pkr & 49 jts 2-3/8" tbg. Set pkr @ 1,596'. PT CIBP to 1,300 psig for 5" w/1 BFW. Tstd OK. Rlsd press. Attd to PT csg. Press dropd fr/500 - 350 psig 2". Rlsd press. Rlsd pkr. Tstd csg. Result as follows; Csg fr/1,596' - 1,090' tstd @ 500 psig. Csg lks fr/1,090' - 1,052' press fr/500 psig - 350' psig in 3". Csg fr/1,052' - surf tstd @ 500 psig. Rlsd pkr. TOH w/33 jts tbg & 4-1/2" pkr.

11/3/2008 Rptd to Kelly Roberts w/NMOCD & Kevin Snyder w/BLM @ 6:15 p.m. @ 11/1/08 sqz for csg lk fr/1,052' - 1,090' @ 10:00 a.m. @ 11/3/08. TIH w/Weatherford 4-1/2" CIBP, setting tl & 30 jts 2-3/8" tbg. Set CIBP @ 982' FS. PT TCA to 700 psig w/2 BFW. Tstd OK. Rlsd press. MIRU Superior cmt equip. EIR @ 3 BPM & 400 psig w/3 BFW. Sqzd csg lk fr/1,052' - 1,090' w/200 sx type V w/2% CaCl (mixed @ 15.6 ppg & 1.18 cu ft/sx yield, 236.0 cu/ft). Ppd dwn tbg w/42 bbls cmt @ 2 BPM & 1,180 psig. Displd dwn tbg w/5 BFW. SD 10". SITP dropd fr/1,350 - 494 psig. Ppd 1.5 BFW dwn tbg @ .2 BPM & 1,400 psig. SD 10". SITP dropd fr/1,400 - 864 psig. SITP dropd fr/1,550 - 1,350 psig. Stung out fr/CIBP. Rev circ tbg cln w/2 BFW. RDMO cmt equip. TOH w/30 jts tbg & stinger. Ppd dwn csg w/5 BFW. Pressd csg to 500 psig.

11/4/2008 TIH w/3-7/8" bit, XO, 6 - 3-1/8" DCs, XO & 23 jts 2-3/8" tbg. Tgd TOC @ 920' (62' of cmt). RU pwr swivel. Estb circ w/FW. DO cmt fr/920' - 982' (CIBP). DO CIBP @ 982'. Circ cln. RD pwr swivel. TOH w/1jt tbg.

11/5/2008 TIH w/1 jt 2-3/8" tbg. Tgd @ 986' (84' of cmt). RU pwr swivel. Estb circ w/FW. DO cmt fr/986' - 1,070' (BOC). Circ cln. PT csg to 500 psig w/1 BFW. Press dropd fr/500 - 270 psig 5". EIR @ 1 BPM & 1,150 psig. TOH w/31 jts tbg, XO, 6 - 3-1/8" DCs, XO & bit. Rptd to Charlie Parrin w/NMOCD & Troy Syers w/BLM @ 1:15 p.m. @ 11/6/08 sqz for csg lk fr/1,052' - 1,090' @ 9:00 a.m. TIH w/Weatherford 4-1/2" CIBP, setting tl & 29 jts 2-3/8" tbg.

11/6/2008 TIH w/4-1/2" Weatherford CIBP, 29 jts 2-3/8" tbg. Set CIBP @ 950' FS. PT TCA to 500 psig w/1 BFW. Tstd OK. Rlsd press. MIRU Superior cmt equip. EIR @ 1.0 BPM & 1,200 psig w/4 BFW. Sqzd csg lk fr/1,052' - 1,090' w/100 sxs type G cmt w/2% CaCl (mixed @ 15.6 ppg & 1.18 cu ft/sx yield, 118.0 cu/ft). Ppd dwn tbg w/15 bbls cmt @ 0.5 BPM & 1,200 psig. Sqz press incr fr/1,000 psig to 2,000 psig (final sqz press). SD. Stung out fr/CIBP. Rev circ tbg cln w/2 BFW. RDMO cmt equip. TOH & LD w/29 jts tbg & stinger. ND BOP. RDMO Rio Rig #1. Ready to lwr WH.

11/11/2008 Cut off 4-1/2" & 7" csg. Welded poorby WH to 7" csg. Welded 5K WP tbg hngr to 4-1/2" csg. MIRU Triple P Rig #12. TIH w/3-7/8" bit, XO, 6 - 3-1/8" DCs, XO & 20 jts 2-3/8" tbg. Tgd @ 828'. RU pwr swivel. Estb circ w/FW. DO cmt fr/840' to 913'. Circ cln. TOH w/2 jts tbg.

11/12/2008 TIH w/2 jts 2-3/8" tbg. Tgd @ 913' (37' of cmt). RU pwr swivel. Estb circ w/FW. DO cmt fr/913' - 950' (CIBP). PT csg to 600 psig for 5" w/1 BFW. Tstd OK. Rlsd press. DO CIBP @ 950'. DO cmt fr/953' to 959'. RD pwr swivel. TOH w/3 jts tbg.

11/13/2008 TIH w/3 jts 2-3/8" tbg. Tgd TOC @ 959' (131' of cmt). RU pwr swivel. Estd circ w/FW. DO cmt fr/959' - 977'. RD pwr swivel. TOH w/24 jts tbg, XO, 6 DCs, XO, & bit. Found bit w/missing cone. TIH w/magnet, XO & 30 jts tbg. TOH w/30 jts tbg, XO & magnet. Rcvd cone pcs. TIH w/3-7/8" jnk mill, XO, 6 - 3-1/8" DCs, XO & 24 jts 2-3/8" tbg. Tgd @ 977' (113' of cmt). RU pwr swivel. Estb circ w/FW. DO cmt fr/977' - 997'. RD pwr swivel. TOH w/3 jts tbg.

EXECUTIVE SUMMARY REPORT

10/31/2008 - 12/17/2008
Report run on 12/17/2008 at 5:40 PM
Report for: Farmington

11/14/2008 TOH w/21 jts 2-3/8" tbg, XO, 6 - 3-1/8" DCs, XO, & jnk mill. TIH w/3-7/8" bit, XO, 6 - 3-1/8" DCs, XO & 24 jts 2-3/8" tbg. Tgd @ 997'. RU pwr swivel. Estd circ w/FW. DO cmt fr/997' - 1,090'. Found cmt soft fr/1,031' - 1,090'. Circ cln. RD pwr swivel. PT csg to 500 psig w/1 BFW. Press dropd fr/500 - 200 psig 5". EIR @ 2.0 BPM & 1,000 psig. Used 5 BFW. TOH w/27 jts tbg, XO, 6 DCs, XO & bit.

11/15/2008 TIH w/4-1/2" CICR, setting tl, 30 jts 2-3/8" tbg & 2-3/8" x 8' tbg sub. Set CICR @ 985' FS. TOH w/tbg sub, 30 jts tbg & setting tl. TIH w/stinger, 30 jts 2-3/8" tbg & 2-3/8" x 8' tbg sub. Stung into CICR @ 985' FS. MIRU Halliburton cmt equip. PT TCA to 500 psig w/6 BFW. Tstd OK. EIR @ 0.4 BPM & 2,000 psig w/20 BFW. Sqzd csg lk fr/1,052' - 1,090' w/25 sxs type III cmt w/2% CaCl (mixed @ 14.2 ppg, 1.48 cu ft/sx yield, 37.0 cu/ft). Ppd dwn tbg w/6 bbls cmt @ 0.4 BPM & 2,000 psig. Flsd w/5 BFW. Sqz press incr fr/2,000 psig to 2,200 psig (final sqz press). SD. Press dropd fr/2,200 to 750 psig. Stung out fr/CICR. Rev circ tbg cln w/15 BFW. TOH & LD w/30 jts tbg & stinger. Pressd csg to 500 psig w/10 BFW. RDMO cmt equip.

11/17/2008 TIH w/3-7/8" bit, XO, 6 - 3-1/8" DCs, XO & 24 jts 2-3/8" tbg. Tgd @ 978' (13' of cmt). RU pwr swivel. Estb circ w/FW. DO cmt fr/978' to 991' (CICR). DO CICR @ 991'. DO cmt fr/994' - 1,011'. RD pwr swivel. Rptd sqz results for csg lk fr/1,052' - 1,090' fr/11/15/08 @ 11:00 to Charlie Parrin w/NMOCD & Wayne Townsend w/BLM @ 4:20 p.m. @ 11/17/08 after the fact. TOH w/25 jts tbg, XO, DCs, XO & bit. Found bit w/hvy wear. Chngd bit. TIH w/3-7/8" bit, XO, 6 - 3-1/8" DCs, XO & 23 jts 2-3/8" tbg. PT csg to 500 psig w/1 BFW for 5". Tstd OK.

11/18/2008 TIH w/2 jts 2-3/8" tbg. Tgd TOC @ 1,011' (79' of cmt). Csg lk fr/1,052' to 1,090'. RU pwr swivel. Estb circ w/FW. DO cmt fr/1,011' - 1,041'. Circ cln. RD pwr swivel. TOH w/26 jts tbg, XO, 6 - 3-1/8" DCs, XO & 3-7/8" bit. Found bit w/med wear. Chngd bit. TIH w/3-7/8" bit, XO, 6 - 3-1/8", XO, 24 jts 2-3/8" tbg.

11/19/2008 TIH w/2 jts 2-3/8" tbg. Tgd TOC @ 1,041'. Csg lk fr/1,052' to 1,090'. RU pwr swivel. DO cmt fr/1,041' - 1,077' (BOC). Found cmt soft fr/1,045' - 1,077'. PU & TIH w/1 jt tbg. Circ cln. RD pwr swivel. PT csg to 550 psig w/1 BFW. Press dropd fr/550 - 260 psig 5". PU & TIH w/13 jts tbg. Tgd @ 1,550' (48' of fill). CO fill fr/1,550' - 1,598' (CIBP). Circ cln. TOH w/ 44 jts tbg, XO, DCs, XO & bit. TIH w/NC, SN & 48 jts 2-3/8" tbg. RU swb tls. BFL 100' FS. S. 0 BO, 18 BLW, 7 runs, 1 hr, FFL 1,050'. RD swb tls.

11/20/2008 Ran neg swb tst. RU swb tls. BFL 1,050' FS. S. 0 BO, 5 BLW, 5 runs, 1 hr, FFL 1,550' FS. SD 2 hrs. RIH w/swb. Tgd FL @ 1,550' FS. SD 2 hrs. BFL 1,400' FS. S. 0 BO, 3 BLW, 8 runs, 1 hr, FFL 1,550' FS. RD swb tls. TOH w/2 jts tbg.

11/21/2008 SN @ 1,564'. RU swb tls. BFL 1,300' FS. S. 0 BO, 1.5 BLW, 2 runs, 1 hr, FFL 1,550' FS. Brn fld smpl w/tr form fns. FTP 0 psig. FCP 0 psig. SD 2 hrs. BFL 1,500' FS. S. 0 BO, 0.5 BLW, 2 runs, 30", FFL 1,550' FS. Brn fld smpl w/tr form fns. FTP 0 psig. FCP 0 psig. RD swb tls. TOH & LD w/48 jts tbg, SN & NC. SWI. SDFN. Took fld smpl to H&M for anal.

11/24/2008 MIRU BWWC WLU. Ran GR/CCL log fr/1,597' - surf. Correlated depths w/Schlumberger Compensated Neutron logg dated 4/19/81. Marker jt @ 1,023' WLM (10'). POH w/WL. Perfd Lwr/FC w/3-3/8" csg gun fr/1,587' - 1,591' w/3 JSPF (Owen HSC-3125-302, 10 gm chrgs, 0.34" EHD, 21.42" pene., 12 holes). POH w/csg gun. RDMO WLU. PU & TIH w/Weatherford 4-1/2" 1-X pkr, SN, 2 jts 2-3/8" N-80 tbg, XO, 45 jts 2-7/8" N-80 tbg & 2-7/8" x 10' N-80 tbg sub. Dropd SV. MIRU H&M pmp trk. PT tbg to 6,200 psig. Tstd OK. Rlsd press. RDMO pmp trk. Retr SV. Circ csg cln w/25 BFW. Set pkr @ 1,470' w/20K tens. Ld tbg w/donut & 2-7/8" x 6' N-80 tbg sub.

EXECUTIVE SUMMARY REPORT

10/31/2008 - 12/17/2008
Report run on 12/17/2008 at 5:40 PM
Report for: Farmington

11/26/2008 MI & set 6 - 400 bbl frac tks & filled w/FW. MIRU H&M pmp trk. Trtd frac fld w/biocide. RDMO pmp trk. MIRU Poor Boys hot oil trk. Heated frac fld to 70 deg. RDMO hot oil trk. MIRU Halliburton frac equip. NU Halliburton 10K frac vlv. PT TCA to 200 psig. Bd FC perfs fr/1,597' - 1,591' w/FW @ 3 BPM & 723 psig. EIR @ 3.5 BPM & 620 psig. A. w/1,500 gals 15% NEFE HCl ac. Fracd Lwr/FC perfs fr/1,587' - 1,591' dwn 2-7/8" tbwg w/7,800 gals 70Q N2 foam Delta 140 frac fld (borate XL, guar gel, FW) carrying 2,800# 40/70 BASF sd. Developed leak on frac vlv swedge. Flushed w/38 BFW w/gas perm. AIR 23 BPM. ATP 3,550 psig. Max TP 4,444 psig, SICP 100 psig. ISIP 1,850 psig. OWU on 1" ck. F. 0 BO, 140 BLW, N2, frac fld, no sd, FTP 1,850 - 1 psig, 1" ck, 1.5 hrs. ND frac vlv. Rplcd swedge & cplg. NU frac vlv. Fracd Lwr/FC perfs fr/1,587' - 1,591' dwn 2-7/8" tbwg w/79,440 gals 70Q N2 foam Delta 140 frac fld (borate XL, guar gel, FW) carrying 55,500# 20/40 BASF sd coated w/Sandwedge per densometer. Flshd w/12 BFW w/gas perm. AIR 21.9 BPM. ATP 3,995 psig. Max TP 4,709 psig. Max sd conc 4.73 ppg. ISIP 2,149 psig. 5" SIP 1,935 psig. 610 BLWTR. 1,074,00 scf N2 dwnhole. 120,000 scf N2 cooldwn. RU flwback mnfld & FL. SWI. 1 hr. SICP 1,000 psig. OWU on 3/8" ck @ 5:00 p.m. F. 0 BO, 32 BLW, N2, frac fld, no sd, FTP 1,000 - 550 psig, SICP 100 psig, 3/8" ck, 1 hr. F. 0 BO, 55 BLW, N2, frac fld, no sd, FTP 550 - 210 psig, SICP 100 psig, 1/2" ck, 2 hrs. F. 0 BO, 22 BLW, frac fld, N2, gas, no sd, FTP 210 - 1 psig, SICP 100 psig, 3/4" ck, 4 hrs.

11/27/2008 Cont'd w/flwback fr/Lwr/FC. F. 0 BO, 12 BLW, N2, gas, frac fld, no sd, FTP 5 - 1 psig, 3/4" ck, 7 hrs. ND frac vlv. Rlstd pkr @ 1,470'. TOH w/45 jts 2-7/8" N-80 tbwg, XO, 2 jts 2-3/8" N-80 tbwg, SN & 4-1/2" pkr. MIRU BWWC WLU. RIH w/Owen 4-1/2" 10K CIBP & set @ 1,560'. Correlated depths w/BWWC GR/CCL log dated 11/24/2008. POH w/setting tl. PT CIBP to 500 psig for 5" w/24 BFW w/gasperm. Press fr/500 - 270 in 5". Tstd OK (csg lks fr/1,052' - 1,090'). Rlstd press. Perfd Up/FC w/3-3/8" select-fire csg gun @ 1,544', 1,543', 1,542', 1,541', 1,540', 1,539', 1,533', 1,450', 1,440' & 1,373' w/3 JSPF (Owen HSC-3125-302, 10 gm chrgrs, 0.34" EHD, 21.42" pene., 30 holes). POH w/csg gun. RDMO WLU. TIH w/Weatherford 4-1/2" 1-X pkr, SN, 2 jts 2-3/8" N-80 tbwg, XO, 39 jts 2-7/8" N-80 tbwg & 2-7/8" x 10' N-80 tbwg sub. Set pkr @ 1,293' w/10K tens. Ld tbwg w/donut & 2-7/8" x 6' tbwg sub. PT csg to 200 psig. Bd FC perfs fr/1,373' - 1,544' w/FW @ 3 BPM & 1,028 psig. EIR @ 10.4 BPM & 1,795 psig. A. w/1,500 gals 15% NEFE HCl ac. Flshd w/8 BFW @ 10 BPM & 1,780 psig. ISIP 980 psig. SD 1 hr. Fracd FC perfs fr/1,373' - 1,544' dwn 2-7/8" tbwg w/69,011 gals 70Q N2 foam Delta 140 frac fld (borate XL, guar gel, FW) carrying 4,000# 40/70 BASF sd & 56,600# 20/40 BASF sd coated w/Sandwedge per wt lsips. Flshd w/8 BFW. AIR 29.8 BPM. ATP 3,453 psig. Max TP 4,082 psig. Max sd conc 4.09 ppg. ISIP 1,613 psig. 5" SIP 1,235 psig. 489 BLWTR. 684,000 scf N2 dwnhole. 120,000 scf N2 cooldwn. RU flwback mnfld & FL. SWI. 1 hr. SICP 650 psig. OWU on 1/2" ck @ 3:00 p.m. F. 0 BO, 35 BLW, N2, frac fld, no sd, FTP 650 - 90 psig, SICP 100 psig, 1/2" ck, 3 hrs. F. 0 BO, 10 BLW, N2, frac fld, no sd, FTP 90 - 0 psig, SICP 100 psig, 3/4" ck, 6 hrs. Bd csg. MIRU H&M pmp trk. Ppd dwn csg w/20 gals Methanol & press csg to 100 psig. SWI. RDMO pmp trk. RDMO 3-D Serv.

12/1/2008 Rlstd pkr @ 1,293'. TOH & LD w/2-7/8" x 10' N-80 tbwg sub, 39 jts 2-7/8" N-80 tbwg, XO, 2 jts 2-3/8" N-80 tbwg, SN & Weatherford 4-1/2" 1-X pkr. PU & TIH w/3-7/8" bit, XO, 6 - 3-1/8" DCs, XO & 41 jts 2-3/8" tbwg. Tgd @ 1,534' (26' of fill). RU pwr swivel. MIRU Rio AFU. Estb circ w/AFU. CO fill fr/1,534' - 1,560' (CBP). DO CBP @ 1,560'. TIH w/2 jts tbwg. Tgd CIBP @ 1,598'. Circ 1.5 hr w/med sd. RD pwr swivel. Used 42 bbls FW w/AFU. Recd 0 BO, 42 BLW w/AFU. TOH w/6 jts 2-3/8" tbwg. EOT @ 1,365'. SD 1 hr. TIH w/6 jts 2-3/8" tbwg. Tgd CIBP @ 1,598'. RDMO AFU. TOH w/43 jts 2-3/8" tbwg. TOH & LD w/XO, 6 - 3-1/8" DCs, XO & 3-7/8" bit.

EXECUTIVE SUMMARY REPORT

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12/2/2008 TIH w/NC, SN & 49 jts 2-3/8" tbkg. Tgd @ 1,598' (CIBP). TOH w/2 jts 2-3/8" tbkg. EOT @ 1,560'. RU swb tls. BFL 1,500'. S. 0 BO, 2 BLW, 5 runs, 2 hrs. FFL 1,560' FS. Drk brn fld smpl w/no solids. FTP 0 psig. SICP 0 psig. RD swb tls. TIH w/2 jts 2-3/8" tbkg. Tgd @ 1,598' (CIBP). TOH w/1 jt 2-3/8" tbkg. EOT @ 1,592'. RU swb tls. BFL 1,560'. S. 0 BO, 1 BLW, 3 runs, 30". Drk brn fld smpl w/no solids. FTP 0 psig. SICP 0 psig. RD swb tls. TIH w/1 jt 2-3/8" tbkg. Tgd @ 1,598' (CIBP). TOH w/2 jts 2-3/8" tbkg. SD 1 hr. TIH w/2 jts 2-3/8" tbkg. Tgd @ 1,598' (CIBP). TOH w/1 jt 2-3/8" tbkg. EOT @ 1,592'. RU swb tls. Made 2 swb runs. Recd 0 bbls fld. FTP 0 psig. SICP 0 psig. RD swb tls. TOH w/47 jts 2-3/8" tbkg, SN & NC. TIH w/Weatherford 4-1/2" RBP, 34 jts 2-3/8" tbkg & 2-3/8" x 10' tbkg sub. Set RBP @ 1,136' FS. TOH w/2-3/8" x 10' tbkg sub & 34 jts 2-3/8" tbkg. TIH w/Weatherford 4-1/2" 1-X pkr, 33 jts 2-3/8" tbkg & 2-3/8" x 10' tbkg sub. Set pkr @ 1,103' w/10K tens. PT RBP to 500 psig for 5" w/5 BFW. Tstd OK. Rlsd press. Rlsd pkr. TOH w/2-3/8" x 10' tbkg sub, 33 jts 2-3/8" tbkg & Weatherford 4-1/2" 1-X pkr. TIH w/NC, SN & 34 jts 2-3/8" tbkg. EOT @ 1,126'. RU swb tls. BFL 840'. S. 0 BO, 4 BLW, 3 runs, 30" FFL 1,090'. FTP 0 psig. SICP 0 psig. RD swb tls. TOH & LD w/34 jts 2-3/8" tbkg, SN & NC. ND BOP. NU WH. RDMO Triple P Rig #12. Well ready for csg lk rpr fr/1,052' - 1,090' w/PSI 300 sqz chem.

12/5/2008 MIRU World Star pmp trk. Ppd dwn csg w/16 bbls PSI 300 "Seal Maker" chem. SWI. RDMO pmp trk. Recd verbal approval fr/ Charlie Parrin w/NMOCD on 11/20/08 @ 11:45 a.m. & fr/Wayne Townsend on 11/12/08 @ 11:35 a.m. to sqz csg lk fr/1,050' - 1,090' w/PSI 300 chem. Left msg w/Kelly Roberts w/NMOCD & left msg w/BLM cmt ln @ 11:10 a.m. 12/5/08 spot 16 bbls PSI 300 "Seal Maker chem 12/5/2008 @ 2:00 p.m. & sqz PSI 300 chem into csg lks fr/1,052' - 1,090' 12/8/08 @ 10:00 a.m.

12/8/2008 MIRU Rio Rig #1. Ld csg w/1 BFW w/pmp & pit. Press csg to 550 psig. Press dropd fr/550 to 300 psig 5". Press csg to 550 psig. Press dropd fr/500 to 300 psig 5". Press csg to 550 psig. Press dropd fr/550 to 300 psig 10". Press csg to 550 psig. Press dropd fr/550 to 300 psig 15". Press csg to 550 psig. Press dropd fr/550 to 300 psig 20". Press csg to 550 psig. Press dropd fr/550 to 350 psig 20". Press csg to 600 psig. Press dropd fr/600 to 400 psig 20". Press csg to 630 psig. Press dropd fr/630 to 360 psig after 20". Press csg to 600 psig. Press dropd fr/600 to 340 psig 20". Set N2 reg @ 700 psig & sqzd csg over night.

12/9/2008 PT 560 csg for 30" w/N2. Tst OK. Bd well. Press csg to 550 psig w/4 BFW. Press dropd fr/550 to 450 psig 13". Press csg to 580 psig. Press dropd fr/580 to 465 psig 24". Press csg to 600 psig. Press dropd fr/600 to 430 psig 20". Press csg to 550 psig. Press dropd fr/550 to 400 psig 20". Press csg to 550 psig. Press dropd fr/550 to 400 psig 20". Press csg to 580 psig. Press dropd fr/580 to 430 psig 20". Press csg to 570 psig. Press dropd fr/570 to 420 psig 20". Press csg to 680 psig. Press dropd fr/680 to 520 psig 20". Press csg to 700 psig. Press dropd fr/700 to 500 psig 20". Press csg to 800 psig. Press dropd fr/800 to 600 psig 13". Press csg to 860 psig. Press dropd fr/860 to 460 psig 35". Press csg to 780 psig. Press dropd fr/780 to 580 psig after 15". Press csg to 960 psig. Press dropd fr/960 to 360 psig 1". Press csg to 600 psig. Press dropd fr/600 to 440 psig 6". Press csg to 640 psig. Press dropd fr/640 to 480 psig 5". Press csg to 660 psig. Press dropd fr/660 to 480 psig after 5". Press csg to 700 psig. Press dropd fr/700 to 480 psig 5". Set N2 reg @ 650 psig & sqzd csg over night.

12/10/2008 PT 620 csg for 30" w/N2. Tst OK. Bd well. Press csg to 600 psig w/1 BFW. Press dropd fr/600 to 575 psig 30". PT 4-1/2" csg to 598 psig for 30" w/chart. Tstd OK. Rlsd press. ND WH. NU BOP. TIH w/ret hd, SN, XO & 34 jts 2-3/8" tbkg. EOT @ 1,135'. Circ cln w/20 bbls 2% KCl wtr. Recd 12 bbls 300 PSI Chem. RU swb tls. BFL 0'. S. 0 BO, 12 BLW, 7 runs, 1 hr, FFL 800' FS. FTP 0 psig. SICP 0 psig.

EXECUTIVE SUMMARY REPORT

10/31/2008 - 12/17/2008
Report run on 12/17/2008 at 5:40 PM
Report for: Farmington

12/11/2008 BFL 800'. S. 0 BO, 6 BLW, 6 runs, 1 hr, FFL 1,050' FS. Brn fld smpl w/lt frac sd. FTP 0 psig. SICP 0 psig. SD 1 hrs. Made 2 swb runs. Recd 0 bbls fld. FTP 0 psig. SICP 0 psig. SD 2 hrs. Made 2 swb runs. Recd 0 bbls fld. FTP 0 psig. SICP 0 psig. RD swb tls. TIH w/1 jt tbg. Caught & rlsd RBP @ 1,136'. TOH 34 jts 2-7/8" tbg & RBP. TIH w/2-3/8" x 30' OEMA w/1/4" weep hole & pin, SN & 48 jts 2-3/8" tbg. Tgd CIBP @ 1,598'. TOH w/48 jts 2-3/8" tbg, SN, 2-3/8" x 30' OEMA w/1/4" weep hole & pin. TIH w/NC, SN, 48 jts 2-3/8" tbg. EOT @ 1,590'. RU swb tls. BFL 1,050'. S. 0 BO, 1 BLW, 5 runs, 30", FFL 1,400' FS. Drk brn fld smpl w/lt frac sd. FTP 0 psig. SICP 44 psig. BD well. TOH w/1 jt 2-3/8" tbg. EOT @ 1,568'. RU swb tls. BFL 1,400'. S. 0 BO, 4 BLW, 8 runs, 1.5 hrs, FFL 1,500' FS. Drk brn fld smpl w/lt frac sd. FTP 0 psig. FCP 0 psig. RD swb tls. TIH w/2 jts 2-3/8" tbg. Tgd @ 1,596' (2' fill). TOH w/2 jt 2-3/8" tbg. EOT @ 1,568'.

12/12/2008 SITP 80 psig. SICP 85 psig. BFL 1,400'. S. 0 BO, 1 BLW, 3 runs, 45", FFL 1,400' FS. Brn fld smpl w/no solids. Ppd dwn tbg w/5 BFW. Dropd SV. FTP 0 psig. FCP 0 psig. BFL 1,400' FS, S. 0 BO, 7 BLW, 19 swb runs, FFL 1,400' FS. Drk brn fld smpl w/no solids. RD swb tls. TOH w/46 jts 2-3/8" tbg, SN & NC. TIH w/OEMA w/3/8" weep hole & pin, SN, 47 jts 2-3/8" tbg, 2-3/8" x 10' tbg sub & 2-3/8" x 4' tbg sub. Tgd @ 1,595' (3' fill). TOH & LD w/1 jt 2-3/8" tbg. Ld tbg w/2-3/8" seal assy & donut as follows; SN @ 1,574. EOT @ 1,588'. ND BOP. NU WH. PU w/2" x 1-1/2" x 10' RWAC-Z (DV) pmp (XTO #1611) & 1" x 1' stnr nip. PU & TIH w/pmp, RHBO tl, spiral rod guide, 1" x 1' LS, 3, sbs, 61 - 3/4" K rods fr/XTO stock & 3/4" x 2' rod sub & 1-1/4" x 16' PR w/8' liner. PT tbg to 500 psig for 5" w/4 BFW. LS pmp w/rig to 500 psig. Tstd OK. Clamp off rods. SWI. RDMO Rio Rig #1.