

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
Budget Bureau No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

NMSF 080373

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

HANSON #1

9. API Well No.

30-045-21298

10. Field and Pool, or Exploratory Area

BASIN DAKOTA

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

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other CASING |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | FAILURE |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximated duration thereof. If the proposal is to deepen directionally or recomplete 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 recompletion 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. moved on the Hanson #1 to recover a stuck plunger. The tubing was found to be stuck. IN the process of recovering the stuck tubing, the Hanson #1 was found to have a casing leak @ 4,260'. The casing leak was squeezed with 50 sx C1 "B" cement and with 50 sx Type III cement the second time. The cement was drilled out and the casing pressure tested to 500 psig for 30 minutes. Re-ran 2-7/8" tubing @ 6,368'. RWTP.

ACCEPTED FOR RECORD

MAY 21 2002

FARMINGTON OFFICE

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

LOREN FOTHERGILL

Title

OPERATIONS ENGINEER

Date 4/10/02

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Title 18 U.S.C. Section 1001, 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.

WFOOD

Hanson #1

- 02/23/02: MIRU PU. Pulled & worked tbg to 85K. Could not work tbg free. Could not circ well. MIRU WL truck. RIH w/1.75" sinker bar to 6,307' (47' of fill in tbg). POH w/1.75" sinker bar. RIH w/free point tool. Tbg 100% free @ 6,307'. RIH w/chem cutter. Cut off tbg @ 6,286'. POH w/chem cutter. RDMO WL truck. Circ out 25 bbls drlg mud. TOH w/1 - 2-7/8" x 6', 1 - 2-7/8" x 8' tbg subs, 20 jts 2-7/8" tbg.
- 02/24/02: Fin TOH w/179 jts 2-7/8", 6.5#, J-55, EUE, 8rd tbg & 1 - 2-7/8" X 12' cut off. TIH w/4-11/16" overshot, x-o, bmp sub, jars, 6 - 3-1/2" DC, x-o, 194 jts 2-7/8" tbg. Caught fish @ 6,286'. Jarred on fish 2 hrs. Worked jars @ 95K. Could not jar fish lose. TOH w/194 jts 2-7/8" tbg, x-o, 6 - 3-1/2" DC, bmp sub, jars, x-o, overshot.
- 02/26/02: TIH w/4-1/2" mill shoe, 2 jts 4-1/2" WO pipe, XO, jars, 6 - 3-1/2" DC's, XO & 194 jts 2-7/8" tbg. Tagged top of fish @ 6,315'. Circ w/wtr. Drld hard fill fr/6,315'-18'. CO fill fr/6,318'-75'. Lost circ. TOH w/20 jts 2-7/8" tbg.
- 02/27/02: Fin TOH w/195 jts 2-7/8" tbg, xo, 6 - 3-12" DC, jars, xo, 2 jts 4-1/2" WO pipe, 4-1/2" mill shoe. TIH w/4-1/2" EST overshot, 3-1/2" x 5', xo, jars, 6 - 3-1/2" DC, x-o, 197 jts 2-7/8" tbg. Tagged & caught fish @ 6,309'. TOH w/197 jts 2-7/8" tbg. LD xo, 6 - 3-1/2" DC, jars, xo, 3-1/2" x 5' EXT, 4-1/2" overshot. Rec 2-7/8" x 18' cut off, 1 jt 2-7/8" tbg & NC. TIH w/Baker model "R" packer, 190 jts 2-7/8" tbg. Set packer @ 5,990'. Tested csg to 500 psig. 1" SICP 400 psig, 2" SICP 300 psig, 3" SICP 250 psig, 4" SICP 200 psig, 5" SICP 150 psig. Released packer. TOH w/30 jts 2-7/8" tbg. Set packer @ 5,047'. Tstd csg @ 600 psig. 1" SICP 350 psig, 2" SICP 280 psig, 3" SICP 220 psig, 4" SICP 180 psig, 5" SICP 140 psig.
- 02/28/02: TIH w/Bobcat RBP, HD packer & 197 jts 2-7/8" tbg. Set RBP @ 6,208'. Set packer @ 6,193'. Press tstd RBP @ 500 psig. 5" SIP 120 psig. Press tstd T/C annulus to 500 psig. 5" SIP 125 psig. TIH to rel RBP. RBP had not set. TOH w/2 jts 2-7/8" tbg. Tried to set RBP @ 6,130'. Would not. TOH w/5 jts tbg. Tried to set RBP @ 6,035'. RBP would not set. TOH w/tbg, Bobcat HD packer & RBP. TIH w/4-3/4" bit, 5-1/2" csg scraper & 204 jts 2-7/8" tbg. Tagged fill @ 6,363' (12' fill). TOH w/tbg, csg scraper & bit.
- 03/01/02: TIH w/Bobcat RBP, HD packer & 196 jts 2-7/8" tbg. Set RBP @ 6,175'. Set packer @ 6,150'. Press tstd RBP @ 1,000 psig. Isolated csg @ 4,260'. EIR @ 1.5 BPM & 800 psig. Tested csg fr/4,272'-6,150' @ 1,000 psig. Held OK. Tested csg fr/4,245' to surf @ 600 psig. Held OK.
- 03/02/02: MIRU pmp truck. Press up T/C annulus to 500 psig. Ppd 5 BPW dwn tbg. EIR 1.5 BPM @ 900 psig. Ppd 25 sk Cl "B" cmt w/0.5% Halad 9 & 0.2% CFR3 (15.6 lbs/gals, yield 1.18 cuft/sx). Tailed in w/25 sk Cl "B" cmt w/2% CsCl2 & 0.5% Halad 9 (15.8lbs/gal, yield 1.18 cuft/sx). Disp w/25 BPW @ 1.5 BPM & 800 psig. SD 15". Pumped 0.8 BPW @ 0.5 BPM & 600 psig. SD 30". Ppd 0.5 BPW @ 0.5 BPM & 300 psig. SD 30". Pumped 0.5 BPW @ 0.5 BPM & 350 psig. RDMO pmp truck. SWI.
- 03/05/02: Rel packer @ 3,989'. TOH w/tbg & packer. TIH w/4-1/2" blade bit, XO, 4 - 3-1/2" DC's XO & 124 jts 2-7/8" tbg. Tagged TOC @ 4,134'. DO cmt fr/4,134'-4,263'. Circ wellbore clean. Press tstd csg to 500 psig. 1" SIP 450 psig. 2" SIP 415 psig. 3" SIP 390 psig. 4" SIP 370 psig. 5" SIP 350 psig. 30" SIP 80 psig.
- 03/06/02: MIRU cmt truck. Spotted 50 sx Type III cmt w/24# FL-52 & 2% CaCl2 fr/2,295'-3,854'. TOH w/20 jts 2-7/8" tbg. Rev circ cmt out. SWI. Ppd 1/2 BW. SITP 1,000 psig. 30" SIP 1,000 psig. RDMO cmt truck. WOC.
- 03/07/02: TOH w/116 jts 2-7/8" tbg. TIH w/4-3/4" blade bit, XO, 4 - 3-1/2" DC's, XO & 119 jts 2-7/8" tbg. Tagged TOC @ 3,758'. DO cmt fr/3,758' to 4,260'.
- 03/08/02: DO cmt fr/4,260'-4,303'. Tested csg to 500 psig for 30". Held OK. Rel press. TOH w/130 jts 2-7/8" tbg, XO, 4 - 3-1/2" DC's, XO & 4-1/2" blade bit. TIH w/RBP ret tool & 184 jts 2-7/8" tbg. Rel RBP @ 6,175'. TOH w/tbg, & RBP. TIH w/4-1/2" blade bit, XO & 190 jts 2-7/8" tbg. Tagged fill @ 6,332 (43' fill).
- 03/09/02: CO fill fr/6,332'-75' (43' fill). Circ well 1 hr. TOH w/20 jts 2-7/8" tbg.
- 03/10/02: TOH w/202 jts 2-7/8" tbg, XO & 4-1/2" blade bit. TIH & landed tbg as follows: NC, SN, 2 jts 2-7/8" tbg, Baker 5-1/2" model R packer & 199 jts 2-7/8" tbg. Set packer @ 6,271' w/15K lbs comp. SN set @ 6,339'. EOT set @ 6,341'. RIH w/2.375" tbg broach to SN. Loaded csg w/32 BPW. Tested T/C annulus to 400 psig. Held OK for 5". Rel press. RDMO PU.
- 03/12/02: MIRU SU. BFL 5,000' FS. S. 0 BO, 22 BLW, 2.5 hrs (5 runs). FFL 6,000' FS.

03/13/02: BFL 5,400' FS. S. 0 BO, 12.25 BLW, 8.5 hrs (13 runs). FFL 6,100' FS. Wtr was very dirty.
03/14/02: BFL 5,500' FS. S. 0 BO, 7 BLW, 8 hrs (8 runs). FFL 6,200' FS. Med blw after each run.
03/15/02: MIRU acid equip. Ppd dwn 2-7/8" tbg w/ 500 gals 15% HCl acid, 1,000 gals 2% Ammonium Chloride, 9,172 gals 10% - 1-1/2% HCl-HF acid, 60Q N2 foamed, flushed w/36 BPW. Max TP @ 2,720 psig, Avg TP @ 1,200 psig, Avg IR @ 3.5 BPM. ISIP @ 650 psig, 5" SIP 283 psig, 10" SIP 62 psig, 15" SIP 0 psig. (288 BLWTR). RDMO equip. BFL 1,600' FS. S. 0 BO, 56 BLW, 6 hrs (13 runs). FFL 5,800' FS.
03/16/02: BFL 5,100' FS. S. 0 BO, 16 BLW, 4 hrs (6 runs). FFL 6,100' FS. RD SU. MIRU PU. Press tstd csg to 500 psig. Held OK for 5". Rel Model R packer @ 6,271'. TOH w/199 jts 2-7/8" tbg, Baker model R packer, 2 jts 2-7/8" tbg, SN & NC.
03/17/02: TIH w/NC, SN & 202 jts 2-7/8" tbg. Tagged @ 6,370'. Landed tbg @ 6,368'. BFL 4,400' FS. S. 40 BLW, 8 runs. FFL 5,100' FS.
03/19/02: Repl tbg donut. Landed 2-7/8" tbg @ 6,368'. RDMO PU. MIRU SU. BFL 4,700' FS. S. 48 BLW, 7 hrs (15 runs). FFL 6,000' FS. SICP 25 psig.
03/20/02: BFL 5,700' FS. S. 18.5 BLW, 5 hrs (11 runs). FFL 6,200 FS. SICP 42 psig.
03/21/02: BFL 5,900' FS. S. 3 BLW, 1 run. Well KO flwg. Flwd 5". SICP 135 psig. SWI. Dropped dual pad plngr.
03/22/02: RDMO SU. RWTP.