

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FER - 3 2009

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NM-0499988 (BHL)
2. Name of Operator XTO Energy Inc.		6. If Indian, Allottee or Tribe Name
3a. Address 200 N. Loraine, Ste. 800 Midland, TX 79701	3b. Phone No. (include area code) 432-620-6740	7. If Unit or CA/Agreement, Name and/or No. Nash Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) S.L. 2403' FSL & 2102' FEL, Unit J, Sec. 12, T-23S, R29E		8. Well Name and No. Nash Unit #34
		9. API Well No. 30-015-33991
		10. Field and Pool, or Exploratory Area Nash Draw; Delaware/BS (Avalon Sand)
		11. County or Parish, State Eddy County NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other <u>Acidize</u>
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	<u>Perf lateral</u>
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	<u>Frac</u>

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.)

7/17/08 MIRU PU. ND WH. NU BOP.

7/18/08 RU pmp. RU spooler. POOH LD tbq & sub pmp. RC pmp trk. RD spooler. RDMO PU.

7/21/08 RU ECT & logging srvc. Tst'd 4-5/8" x 55' lubricator to 3000 psig.

7/22/08 RIH w/ 4.609 gauge ring & Gamma CCL logging tool & 1.75" OD ECT tbq. Correlated depth w/Schlumberger log & logged fr 9550' to 6700'. POOH w/1.75 ECT tbq & 4.609 gauge ring. RIH W/3-3/8" select fire perf guns, Gamma CCL logging tool & 1.75 OD ECT tbq. Correlated depth w/Schlumberger log. Tag @ 9,541'. Attempted to perf Delaware fr 9,480' -9,495' (15 holes). POOH w.1.75 ECT tbq & LD misfired csg guns.

7/23/08 SICP-"0". RIH w/3-3/8" select fire perforating guns. Gamma CCL logging tool & 1.75" OD ECT tbq. Correlated depth w/Schlumberger log. Perf'd Delaware fr 9480' - 9495' (15 holes). POOH w/1.75 ECT tbq & ID csg guns. PU & RIH w/redressed 3-3/8" select fire guns. Correlate & perf'd Delaware fr 9180'-9185' (5 holes), 9280'-9285' (5 holes), 9375'-9380' (5 holes). POOH w/1.75"ECT tbq & ID csg guns. PU & RIH w/redressed 3-3/8" tools, correlate & perf Delaware fr 8890'-8895 (5 holes), 9020'-25' (5 holes) 9140'-45' (5 holes). POOH & LD tools.

Please see attached

FOR RECORDS ONLY

14 I hereby certify that the foregoing is true and correct Name (Printed/Typed) Sherry Pack		Title Regulatory Analyst
Sherry Pack		Date 1/26/2009
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	Date 1 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	BUREAU OF LAND MANAGEMENT
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.		



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Form 3160-5 cont'd

7/24/08 SICP-"60". PU RIH w/3-3/8" select fire perf guns, Gamma CCL logging tool & 1,75" O.D. ECT tbg. Correlated depth w/Schlumberger log.

Perf'd Delaware fr 8,660'-8,665' (5 holes), 8,800'-8,805' (5 holes), 8,835'-8,840' (5 holes).

POOH w/1.75" ECT tbg & LD csg guns. PU & RIH w/3-3/8" select fire perf guns, Gamma CCL logging tool & 1.75" O.D. ECT tbg. Correlated depth w/Schlumberger log.

Perf'd Delaware fr 8,337'-8,342' (5 holes), 8,395'-8,400' (5 holes), 8,580'-8,585' (5 holes).

POOH w/1.75" ECT tbg & LD csg guns. PU & RIH w/3-3/8" select fire perf guns, Gamma CCL logging tool & 1.75" O.D. ECT tbg. Correlated depth w/Schlumberger log.

Perf'd Delaware fr 8,010'-8,015' (5 holes), 8,100'-8,105' (5 holes), 8,295'-8,300' (5 holes).

POOH & LD csg guns. PU RIH w/3-3/8" select fire perforating guns, Gamma CCL logging tool & 1,75" O.D. ECT tbg. Correlated depth w/Schlumberger log.

Perf'd Delaware fr 7,705'-7,710' (5 holes), 7,730'-7,740' (10 holes), 7,925'-7,930' (5 holes).

POOH w/1.75" ECT tbg & LD csg guns. SWI & SDON.

7/25/08 SICP-"90". PU RIH w/3-3/8" select fire perf guns, Gamma CCL logging tool & 1,75" O.D. ECT tbg. Correlated depth w/Schlumberger log.

Perf'd Delaware fr 7,407'-12' (5 holes), 7,480'-90' (10 holes), 7,570'-75' (5 holes).

POOH w/1.75" ECT tbg & LD csg guns. PU & RIH w/3-3/8" select fire perf guns, Gamma CCL logging tool & 1.75" O.D. ECT tbg. Correlated depth w/Schlumberger log.

Perf'd Delaware fr 7,280'-90' (10 holes), 7,335'-40' (5 holes).



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Form 3160-5 cont'd

7/25/08 POOH w/1.75" ECT tbg & LD csg guns. RDMO BJ ECT equip &
Con't Wood Group equip. SWI. Waiting on PU & frac.

7/28/08 SICP-"260". BWDTT. MIRU PU. (Basic, Richard). Spotted
pipe racks. SWI & SDON.

7/29/08 SICP-"210". BWDTT. PU RIH w/4-5/8" bit, 94 jts of 2-
7/8" PH-6, 7.9#, WS tbg & 208 jts of 3-1/2" N80 9.3#,
EUE, 8rd WS tbg. RIH to 9,574'. (4-3/4" open hole,
9,585'-9,630'). PUH w/106 jts of 3-1/2" WS tbg. SWI &
SDON.

7/30/08 SICP-"210". BWDTT. POOH w/3-1/2" N80 WS tbg. LD 2-7/8"
PH-6 WS tbg & 4-5/8" bit. RIH w/BJ 1" pmp out plug, 5-
1/2" BJ DLH pkr, 8 jts of 2-7/8" P110, 6.5#. EUE, 8rd
tbg, 3/4" ball seat frac sleeve, 10 jts of 2-7/8" P110,
6.5#. EUE, 8rd tbg, 5-1/2" BJ DLH pkr, 7 jts of 2-7/8"
P110, 6.5#. EUE, 8rd tbg, 1" ball seat frac sleeve, 8
jts of 2-7/8" P110, 6.5#. EUE, 8rd tbg, 5-1/2" BJ DLH
pkr, 7 jts of 2-7/8" P110, 6.5#. EUE, 8rd tbg, 1.25"
ball seat frac sleeve, 7 jts of 2-7/8" P110, 6.5#. EUE,
8rd tbg, 5-1/2" BJ DLH pkr, 7 jts of 2-7/8" P110, 6.5#.
EUE, 8rd tbg, 1.50" ball seat frac sleeve, 6 jts of 2-
7/8" P110, 6.5#. EUE, 8rd tbg, 5-1/2" BJ DLH pkr, 4 jts
of 2-7/8" P110, 6.5#. EUE, 8rd tbg, 1.75" ball seat
frac sleeve, 20 jts of 2-7/8" P110, 6.5#. EUE, 8rd tbg,
5-1/2" BJ DLH pkr swivel jt, 5-1/2" ASI-X pkr, (2-7/8"
EUE, 8rd) on/off tool. SWI & SDON. Wait on Frac Equip.

8/6/08 RU BJ frac crew & equip. RU Parker pmp trk, L & T TCA
w/1 bbl of 2% KCL to 500 psig & monitor. Tstd lines
9,000 psig. Est IR @ 10.7 BPM, w/7-1/2% HCL acid, 3,225
psig.

Acidized Delaware OH fr 9,585'- 9,630' dwn 3-1/2" tbg
w/5,000 gals of 7-1/2% HCL acid.

Followed w/dropping 1" ball in 2,000 gals of linear
gel.

Frac #1 Delaware perfs (9,020'- 9,495') dwn 3-1/2" tbg
w/2,000 gals 7-1/2" HCL acid, 5,000 gals of 30# Linear
gel, 88,575 gals Spectra Star 3,000 containing 5,000#
20/40 Econoprop & 101,000# 20/40 Super LC. Dropped



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Form 3160-5 cont'd

8/6/08 1.25" ball. Flushed begin w/2,000 gals 7-1/2" HCL acid
CONT'D & finished w/5,000 gals 30# linear gel. AIR - 24.5 BPM.
AIP - 7,650 psig. Max/Min press - 2,346 psig/7,850
psig. Min/Max 11.3 BPM/29.8 BPM.

Frac #2 Delaware perfs (8,500'- 8,895') dwn 3-1/2" tbg
w/88,575 gals Spectra Star 3,000 containing 5,000#
20/40 Econoprop & 101,000# 20/40 Super LC. Dropped
1.50" ball. Flushed begin w/2,000 gals 7-1/2" HCL acid
& finished w/5,000 gals 30# linear gel. AIR - 30.2 BPM.
AIP - 6,240 psig. Max/Min press - 6,242 psig/6,862
psig. Min/Max 28.9 BPM/28.9 BPM.

Frac #3 Delaware perfs (8,010'- 8,400') dwn 3-1/2" tbg
w/82,165 gals Spectra Star 3,000 containing 5,000#
20/40 Econoprop & 101,000# 20/40 Super LC. Dropped
1.75" ball. Flushed begin w/2,000 gals 7-1/2" HCL acid
& finished w/5,000 gals 30# linear gel. AIR - 29.0 BPM.
AIP - 5,500 psig. Max/Min press - 5,513 psig/5,941
psig. Min/Max 28.9 BPM/29.5 BPM.

Frac #4 Delaware perfs (7,570'- 7,930') dwn 3-1/2" tbg
w/88,575 gals Spectra Star 3,000 containing 5,000#
20/40 Econoprop & 101,000# 20/40 Super LC. Dropped
2.00" ball. Flushed begin w/2,000 gals 7-1/2" HCL acid
& finished w/5,000 gals 30# linear gel. AIR - 29.2 BPM.
AIP - 3,900 psig. Max/Min press - 3,627 psig/4,242
psig. Min/Max 28.1 BPM/29.2 BPM.

Frac #5 Delaware perfs (7,280'- 7,490') dwn 3-1/2" tbg
w/88,500 gals Spectra Star 3,000 containing 5,000#
20/40 Econoprop & 101,000# 20/40 Super LC. Flushed
w/2550 gals of 30# linear gel. AIR - 30.5 BPM. AIP -
4,150 psig. Max/Min press - 3,718 psig/6,602 psig.
Min/Max 30.3 BPM/30.5 BPM. ISIP 985 psig. 5"-821 psig.
10"-765 psig. 15"-732 psig. RD BJ equip & Parker trk.
SWI & SDON.

8/7/08 SITP-"0", Stand by to MIRU Swab unit.

8/8/08 RU Reeco swab unit (Harvey). TP - 0 psig. CP - 0 psig.
BFL - surface. Made 34 swab runs in 8 hrs. Rec 235 BW &
0 BO. FFL - 1,400'. SWI & SDON.



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Form 3160-5 cont'd

8/9/08 SITP-"60". SICP-"40". BFL - 800'. EFL - 1,400'. SWI (on/off tool @ 6733'). Made 30 swab runs in 8 hrs & rec 211 BW & 1% oil cut. & SDWE.

8/12/08 SITP-"60". SICP-"60". BFL - 1600'. EFL - 1,400'. RU swab. (on/off tool @ 6733'). Made 39 swab runs in 9 hrs & rec 303 BW & 0% oil cut. SWI & SDON.

8/12/08 SITP-"50". SICP-"125". BFL - 1800'. EFL - 2,100'. RU swab. (on/off tool @ 6733'). Made 32 swab runs in 8 hrs & rec 202 BW & 0% oil cut. RD swab. SWI & SDON.

8/13/08 SITP-"120". SICP-"160". RDMO Reeco swab unit. MIRU PU. RU Rotary WL trk. RIH w/2-3/4" gauge ring & WL. Tag @ 6,696' & POOH WL. LD gauge ring. RIH w/perf gun & shoot 4 holes in 3-1/2" tbg @ 6,646'. POOH w/WL & perf gun. RD Rotary trk. Rel on/off tool. ND Frac valve. POOH LD w/212 jts of N80 WS tbg, on/off tool & 3-1/2" swab assbly. SWI & SDON.

8/14/08 SITP-"120". SICP-"160". Chg BOP ram fr 3-1/2" to 2-7/8". PU RIH w/2-7/8" SN & 206 jts of 2-7/8" J55 prod tbg. POOH w/2-7/8" tbg & LD 2-7/8" SN. SWI & SDON.

8/15/08 SICP-"0". RU Weatherford SOS spooler. RIH w/2-7/8" J-55 prod tbg & SOS sub pmp. RD SOS spooler. Intake @ 6,458'. 7,000' of #4 FLT cable. ND BOP. NU WH. Started SOS sub pmp. Well pmpd up in 15 min. SWI & SDWE.

8/16/08 - 9/2/08 testing

9/3/08 MIRU PU. (Key, Luis). BWDT trk. ND WH. NU BOP. RU Weatherford spooler. POOH w/2-7/8" J-55 prod tbg. LD sub pmp. (all 4 MAJ fill w/frac sand). Leave well dwn flow line. SDON

9/4/08 Waiting on sub pump equip.

9/5/08 SICP-"60". RU Weatherford SOS spooler. RU Bo Monk pipe tstr. RIH w/2-7/8" J-55 prod tbg & SOS sub pmp. Tstd tbg to 5,000 psig below slip & RD Bo Monk equip. RD SOS spooler. Intake @ 6,458.84'. 7,000' of #4 FLT cable. ND BOP. NU WH. Started SOS sub pmp. Well pmpd up in 13 min. SWI & SDWE



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Form 3160-5 cont'd

9/6/08 - 9/10/08 Testing

9/11/08 MIRU PU. (Basic, Richard). RU Basic vac trk. BWDT vac trk. RU Parker's pmp trk & pmpd 100 bbls of 10# brine wtr dwn TCA. RU Weatherford spooler. ND WH. NU BOP. POOH w/72 jts of 2-7/8" tbg & tbg stopped drianing. Attempted to pmp 10# brine wtr dwn tbg @ 1,000 psig. RU swab & swabbed fliud level dwn in tbg. Finished POOH w/112 jts of 2-7/8" tbg. Pmpd 60 bbls of 10# brine dwn TCA. Finished POOH w/20 jts of 2-7/8" tbg. LD pmp. RD Basic & Parker's trks. SWI & SDON,

9/12/08 RU Weatherford SOS spooler. RIH w/2-7/8" J-55 prod tbg & SOS & ESP sub pmp. RD SOS spooler. Intake @ 6,448.87'. 7,000' of #4 FLT cable. ND BOP. NU WH. SWI & SDWE

9/15/08 Waiting on order to start sub pmp

9/16/08 - 10/4/08 Testing

10/6/08 MI PU. (Key, Luis). Stand by for order. SDON.

10/7/08 RU PU. (Key, Luis). SDON.

10/8/08 ND WH & NU BOP. RU SOS spooler. RU M&S pmp trk & pmpd 60 bbls of 10# brine wtr dwn TCA. POOH w/2-7/8" J55 prod tbg & LD sub pmp. RIH w/BJ 5-1/2" Arrow set 1x pkr, T2 on/off w/1.87" profile nipple, 2-7/8" SN, 210 jts of 2-7/8" J55 prod tbg. Pmpd 130 bbls of 1% KCL wtr dwn TCA. ND BOP. Set pkr @ 6,604. NU WH. Pmpd 30 bbls of 1% KCL wtr dwn TCA. RD M&S equip. SWI & SDON

10/9/08 SITP-"0". SICP-"0". RU Swab. RU M&S pmp trk. L & T TCA w/30 bbls of 1% KCL to 500 psig. BCDTT. RD M&S equip. BFL 3,600'. EFL 1,500'. Made 27 runs in 10 hrs & rec 156 bbls of PW w/40 oil cut on last run & gas. RD Swab. Leave well going to battery on 12/64" choke. SDON.

10/10/08 SITP-"70". SICP-"0". RU Swab. BFL 2,200'. EFL 1,000'. Made 6 runs in 2 hrs & rec 36 bbls of PW w/50% oil cut & gas. Flowed to swab tank for 2.5 hrs & rec 150 bbls w/70% oil cut. RD Swab.



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Form 3160-5 cont'd

10/11/08 SITP-"70". SICP-"0". RU Swab. BFL 3,600'. EFL 1,000'. Made 9 runs in 3 hrs & rec 54 bbls of PW w/60% oil cut & gas. Flowed to swab tank for 1 hr & rec 60 bbls w/60% oil cut. Rec ttl of 114 bbls of PW w/average of 50% oil cut. RD Swab. Put well going to battery on 3/4" open choke w/400 psig FTP. RDMO Key PU.

10/13/08 - 10/28/08 testing

10/31/08 RU Reeco swab unit. FTP - 30 psig. Made 5 swab runs in 2 hrs. Rec 19 bbls fluid. BFL - 3,500'. FFL - 1,000'. Left well flowing on 48/64th choke. FTP - 150 psig. SDFWE.

11/3/08 MIRU Reeco swab unit. FTP - 30 psig. Made 5 swab runs in 2 hrs. BFL - 1,500' FS. FFL - 150' FS. Rec 32 bbls w/15% oil cut. Leave well flowing to battery on 36/64th choke. SDON.

11/5/08 RD Reeco swab unit

11/7/08 FTP - 0 psig. FR - 0 mcfpd. RU Reeco swab unit. Made 4 swab runs in 2 hrs. Rec 25 bbls fluid. BFL - 3,500'. FFL - 600''. Choke set @ 48/64th. FTP - 170 psig. FR - 550 mcfpd. RD swab.

11/10/08 FTP - 0 psig. FR - 0 mcfpd. RU Reeco swab unit. Made 5 swab runs in 2 hrs. Rec 22 bbls fluid. BFL - 3,750'. FFL - 750'. Choke set @ 48/64th. FTP - 180 psig. FR - 585 mcfpd. RD swab.

11/11/08 FTP - 0 psig. FR - 0 mcfpd. RU swab. Made 4 swab runs in 1 hrs. Rec 18 bbls fluid. BFL - 3,600'. FFL - 600'. Choke set @ 34/64th. FTP - 220 psig. FR - 1,210 mcfpd. RD swab.

11/12/08 - 11/16/08 testing

11/17/08 Replace tubing string. MIRU PU. (Key, Alex). RU Basic pmp trk & pmpd 90 bbls of 10# brine wtr dwn tbg & montior well. ND WH. NU BOP & Rel on/off tool. POOH LD w/210 jts of 2-7/8" J55 prod tbg & ret tool. Chg BOP ram fr 2-7/8" to 2-3/8". PU RIH w/ret tool, 2-3/8" SN & 158 jts of 2-3/8" 4.6#, EUE, 8rd prod BB tbg. RD Basic pmp trk. SDON.



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11/18/08 RU Basic pmp trk. Pmpd 60 bbls of 10# brine wtr dwn tbg & montior well. Continue PU RIH w/ret tool, 2-3/8" SN, 212 jts of 2-3/8" 4.6#, EUE, 8rd prod BB tbg & 2-3/8" 4.6#, EUE, 8rd tbg sub. Pmpd 30 bbls of 10# brine dwn TCA, followed by 130 bbls of 1% KCL wtr. Latched onto pkr @ 6,604. ND BOP & NU WH. L & T TCA w/1 bbls of 1% KCL wtr to 400 psig. BWDT battery. RD Basic pmp trk. RU swab. BFL 4,800'. RFL 5,800'. Made 7 runs in 4 hrs & rec 9 BW w/no oil cut. RD swab. SDON.

11/19/08 SITP-"0". SICP-"0". RU Swab. BFL 4,800'. EFL 3,400'. Made 18 runs in 8 hrs & rec 70 bbls of PW w/70% oil cut. RD Swab. SDON.

11/20/08 SITP-"0". SICP-"0". RU Swab. BFL 3,500'. EFL 3,200'. Made 5 runs in 3 hrs & rec 48 bbls of PW w/70% oil cut. RD Swab. SDON.

11/21/08 SITP-"40". SICP-"0". RU Swab. BFL 3,800'. EFL 3,800'. Made 5 runs in 3 hrs & rec 36 bbls of PW w/50% oil cut. RD Swab. SDON.

11/22/08 SITP-"10". SICP-"0". RU Swab. BFL 3,800'. EFL 3,600'. Made 2 runs in 1 hrs & rec 25 bbls of PW w/30% oil cut. RD Swab. SDON.

11/23/08 SITP-"10". SICP-"0". RU Swab. BFL 3,800'. EFL 3,400'. Made 2 runs in 1 hrs & rec 31 bbls of PW w/90% oil cut. RD Swab. SDON.

11/24/08 SITP-"10". SICP-"0". RD Key PU. MIRU SU, (Reeco, Carlos). Made 2 runs in 1 hr & rec 20 bbls of PW w/20% oil cut. RD Swab. RD swab.

11/25/08 SITP-"10". SICP-"0". RU swab. Made 6 runs in 1.5 hrs. Rec 24 bbls of PW w/30% oil cut. RD Swab. RD swab.

11/26/08 SITP-"10". SICP-"0". RU swab. Made 13 runs in 2.5 hrs. Rec 79 bbls of PW w/40% oil cut. RD Swab.

11/27/08 SITP-"10". SICP-"0". RU swab. Made 13 runs in 2.5 hrs. Rec 79 bbls of PW w/40% oil cut. RD Swab. RD swab.



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Form 3160-5 cont'd

11/29/08 SITP-"10". SICP-"0". RU swab. Made 8 runs in 2 hrs. Rec 24 bbls of PW w/20% oil cut. RD Swab. RD swab. Leave well flowing to tank battery.

12/1/08 SITP-"10". SICP-"0". RU swab. Made 7 runs in 1.5 hrs. Rec 24 bbls of PW w/25% oil cut. RD Swab. RDMO Reeco swab unit.

12/8/08 MIRU PU [Key WS]. RU Basic pump trk, pump 30 BBW down tbg. NDWH, NU BOP. Release BJ Sers Pkr, start POOH LD 2-3/8" J-55 tbg, CWI, SD due to high winds.

12/9/08 RU Basic pump trk, pmpd 50 BBW dwn tbg. POOH LD w/ttl of 212 jts of 2-3/8" J-55 tbg & BJ pkr. Chg BOP rams fr 2-3/8" to 2-7/8" #4. SDF high winds.

12/10/08 RU Weatherford SOS spooler. RU Basic pmp trk & pmpd 50 BBW dwn tbg. PU RIH w/2-7/8" J-55 YB prod tbg & SOS & ESP sub pmp. RD SOS spooler. RD Basic equip. Intake @ 6456.89'. 6,500' of #4 FLT cable. ND BOP. NU WH. SWI & SDON.

Tubing 2-7/8" set at 6670'

12/11/08 Well pmpd up in 21". RWTP. RDMO Key PU.

12/15/08 Pre WO well test: 48 BO, 180 BW & 202 mcf in 24 hrs. Post WO well test: 152 BO, 474 BW & 508 mcf in 24 hrs. API VSD @ 51 HTz. FLAP - na.

WELLBORE DIAGRAM

FIELD: Nash Draw Brushy Canyon

WELL NAME: Nash Draw # 34

FORMATION: Brushy Canyon

LOC: 2403' FSL & 2102' FEL (Surf.)

330' FSL & 400' FEL (Btm Hole)

TOWNSHIP: 23-S

RANGE: 29-E

SEC: 12

COUNTY: Eddy

STATE: NM

GL: 2982

KB to GL:

DF to GL:

CURRENT STATUS: Producing

API NO: 30-015-33991

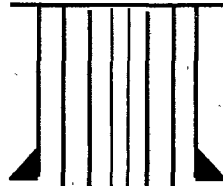
Lease Designation. NM-14140

13 3/8", H-40 STC
Surf. Pipe set @ 400'
w/ 600 sxs cmt.
Circ. to surf.

8 5/8", 32# , J-55 LTC
Csg set @ 3115'
w/ 1000 sxs cmt.
Circ. to surf.

5 1/2", 17# P-110 (@3830')
128 jts 5 1/2" , 17# N-80'
Csg Set @ 9584'
w/ 900 sxs cmt
Circ. To surf.

TD: 9630'
PBTD: 9630'
TVD @ 6854.54



Date Completed: 6/20/05

Initial Production: 217 BOPD / 225 BWPD / 230 MCFGPD

Initial Formation: Brushy Canyon From: 9585' To: 9630'

Completion Data: Circ to spot 4800 gal 7 1/2% Nefe to end of tbq Frac w/ 171,000# 16/20 C-Lite, 24,00# 16/20 Ceramax w/ 2000 bbls Clear Wtr Frac Fluid. Placed 40,000# 16/20 C-Lite in form. Screened out.

Workover History:

12-05-05 Pump 390 bbls 2% KCL acid wtr broke form Frac dwn csg w/ 214,964# 16/20 Ottwa sd. Avg. Press 1954#, Max Press 2815#, AIR 48 8 BPM ISIP 1050#. Put well on pump After- 70 BOPd, 265 BWPD, 227 MCFPD.

08-07-06 RIH w/ propellant gun and set @ 8500'-05' and shot 20 holes in zone. Set PKR @ 8302' and Frac w/ 37,437# 16/20 Ottawa sd. Well sceened out. Drill out BP and push to bottom. After TP 120#, CP 720#, 86 BOPD, 307 BWPD, 297 MCFPD

01/08/07 POH w/ pkr, prod tbq & 9 gas lift valves, RIH w/ WFT400-350 ESP on 199 jts of 2 7/8" 6 5#, J-55 EUE 8 rd tbq, Intake @ 6387', bottom of sub @ 6405 85'. RWTP on 1/10/07.

5/15/07 : RU pmp trk. Mix & pmp 10 gals Champion M-154 w/2,000 gals xylene dwn TCA. Flush dwn TCA w/130 bls 3% kcl wtr mixed w/10 gals Champion M-154 Shut well in for 4 hrs RWTP.

7/30/07: Sub locked up POH w/ sub pump (motor & seals bad), RIH w/ pkr & WS Set packer @ 6507'. Pmpd 55 gal M154 mixed with 3600 gal Parastim. Flush w/ 10 gal M154 w/ 40 bbls of 2% kcl water. AIR 3 BPM @ 0 psi RU Swab. Could not swab due to hard paraffin Pmp 500 gal of Xylene down tbq. Mix 385 gal Flexoil 151 into 84 bbls crude oil & pump down tbq Flush w/ 400 bbls of 2% KCL down tbq. POH w/ tbq & packer RIH w/ WFT 400-350 Weatherford ESP on 200 jts 2 7/8" production tbq Intake @ 6355', bottom of sub @ 6384' RWTP on 8/8/07.

Perfs:

8500'-05' 20 holes

4-3/4" Open Hole
9585'-9630'

Last Updated
8/15/07 by Richard Lauderdale