



March 13, 2012

New Mexico, Minerals & Natural Resources Department
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Attention: William Jones

RE: Nash Unit #053 SWD
API NO. 30-015-39400
Sec. 13, T23S, R29E Unit Ltr. H
1620' FNL & 1120' FEL

Dear Mr. Jones:

XTO Energy, Inc. would like to request an amendment on the Nash Unit #053 SWD as addressed in our telephone conversation on the morning of March 6, 2012. Along with this request we are sending you a current wellbore diagram, formation tops and the geologist explanation of the Devonian formations productivity at the permitted depth since it came in higher than permitted when the well was completed.

The C-103 form stated that we were out of compliance with the packer depth being set at 14,810' which is 264' above the permitted interval of 15,074 – 16,510. Thanks for your help with this matter.

Sincerely,

A handwritten signature in cursive script that reads "Sharon Hindman".

Sharon Hindman
Regulatory Analyst
email: sharon_hindman@xtoenergy.com

Jones, William V., EMNRD

From: Sharon_Hindman@xtoenergy.com
Sent: Monday, March 12, 2012 2:58 PM
To: Jones, William V., EMNRD
Subject: Nash 53SWD API No. 30-015-39400
Attachments: Nash53SWD.pdf

I am attaching documents on the Nash 53SWD to request an amendment to the permit. I had talked to you per telephone on March 6, 2012 and I am sorry that we are just getting back to you on our problem with this well. I have attached 5 pages which should hopefully give you what you needed to help us out with this permit problem. Please let me know if you need any further information. Thanks for your help with this matter. My phone number is 432-620-6741.

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
June 19, 2008

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)		WELL API NO. 30-015-39400
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other SND		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator XTO Energy, Inc.		6. State Oil & Gas Lease No.
3. Address of Operator 200 N. Lorraine, Ste. 800 Midland, TX 79701		7. Lease Name or Unit Agreement Name: Nash Unit
4. Well Location Unit Letter H : 1620 feet from the North line and 1120 feet from the East line Section 13 Township 23S Range 29E NMPM County Eddy		8. Well Number 53 SND
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2999' GL		9. OGRID Number 005380
		10. Pool name or Wildcat SND: DELAWARE

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: **Ran MIT test** ☒

COPY OF C-103

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

12/31/11 Drld to 16500'. RIH w/perm plr on 4 1/2 tbg set @ 14810'.

1/1/12 Lay down 4 1/2" pipe. Latch into packer, space out, nipple down, set BOP, install flange test SK, clean pits.

1/11/12 Ran initial 30 minute MIT test. Test was witnessed by Richard Inge and returned to OCD office. Copy attached.

DENIED. PACKER MUST BE SET WITHIN 100' OF UPPER MOST PERF INTERVAL. PERMITTED FROM 15074 TO 110510.

Spud Date:

15074 TO 110510
BE 2/6/12

Rig Release Date:

RECEIVED

JAN 27 2012

NMOCD ARTESIA

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Sharon Hindman* TITLE Regulatory Analyst DATE 1/25/2012

sharon_hindman@ctoenergy.com

Type or print name Sharon Hindman E-mail address: PHONE 432-620-6741

For State Use Only

APPROVED BY TITLE DATE

Conditions of Approval (if any):

NASH UNIT #053 SWD WELLBORE DIAGRAM

DATA

LOCATION: 1620' FNL & 1120' FEL, SEC-13, T23S, R29E
COUNTY/STATE: EDDY, NM
FIELD: NASH DRAW
FORMATION: BRUSHY CANYON
SPUD DATE: 10/8/11 COMPLETION DATE: 1/2/12
API#: 30-015-39400
STATUS: SWD
IPP:

CONDUCTOR @ 30'
ELEV. GL: 2999'
KB: 3016'

20" 94# J-55 CSG SET @ 220' CMTD
W/700SX. CIRC 437SX. FC @ 174'

17-1/2" HOLE

13-3/8" 68# K-55 CSG SET @ 3200'
CMTD W/2630SX. CIRC. 598SX.

DV TOOL @ 6494'

12-1/2" HOLE

TOL @ 10,630'

9-5/8" 47# P-110 CSG SET @ 11,000'.
DVT @ 6494'. FC @ 10,910'. CMTD IN 3
STGS W/2765SX. CIRC.

8-1/2" HOLE

4-1/2" 13.5# CYHC P-110 TBG SET @ 14,800'.
4-1/2" HALLIBURTON (RATCH LATCH) PERM
PKR @ 14,810'.

6" OH FR/14,906-16,445'

7" 32# HCL-P-110 LINER FR/10,630-14,905'.
FC @ 14,822'. FS @ 14,904'. CMTD W/
670SX.

PBTD 16,445"
TD 16,445'

WELL HISTORY

COMPLETION DATA:

10/08/11: SPUD. TD @ 16,445'. CONDUCTOR @ 30'. RAN 20', 94# J-55 CSG SET @ 220'. FC @ 174'.
CMTD W/700SX CL "C". CIRC 437SX. RAN 13-3/8" 68# K-55 CSG SET @ 3200'. CMTD
W/2075SX ECONOCEM & 555SX HALCEM. CIRC 210 BBLs. RAN 9-5/8" 47# P-110 CSG SET
@ 11,000'. DVT @ 6494'. FC @ 10,910'. FISHED A NUMBER OF TIMES. HOLE APPEARS TO
BE CLEAR OF JUNK. DISPLACED PITS W/10# BRINE. 9-5/8" CSG. CMTD 1ST STG W/735SX
VESACEM. 450SX HALCEM "H". OPEN DV & CIRC. CMTD 2ND STG W/500SX VERSA CEM &
200SX HALCEM "H". FLWG 14 BBLs/HR. CMTD 3RD STG DWN BACKSIDE W/730SX ECONO-
CEM & 150SX HAL "C". CUT OFF 9-5/8" CSG & INSTLD 13-3/8" X 5 X 11.5K CSG SPOOL. CIRC.
DRLD DV TOOL. RIH W/FILL PIPE EVERY 30 STDS. CIRC BTMS UP. FLUID LOSS
OCCURRED @ 13,241'. TREATED ZONE FOR SEEPAGE W/LCM PER AS NEEDED. LOST
RTNS FR/13,652'-13,754'. 200 BBLs TO FORM. BUILT VOLUME. PMPD LCM PILLS. LOST 6-8
BBLs/HR. RIH W/4-1/2" DP. LINER HANGER. 7" CSG SET @ 14,906'. CMTD W/670SX CL "H".
REVERSED OUT 35 BBLs CMT. 167SX. TSTD CSG @ 1500 PSI. POOH. LD LINER SETTING
TOOL. PU BOP STACK. REMOVED B SECTION. INSTLD 13-5/8" 5" MX 11" 5M TBG HEAD.
TSTD W/3000 PSI. NIPPLE UP BOP. TSTD PIPE RAMS. BLIND RAMS & HYDRIL. PU NEW
TOOLS. TIH & DISPLACED WEIGHTED MUD W/ FW. RIH W/GAMMA NEUTRON. LOGGED
FR/16,400'. RAN GAUGE RING TO 14,850'. RIH W/HALLIBURTON RATCH LATCH PERM PKR
SET @ 14,810'. LD 4-1/2" PIPE. LOAD OUT 3-1/2" RETAL PIPE. TOOLS. RU CSG CREWS. PPU
4-1/2" SEAL LATCH ASSEMBLY. 4-1/2" IPC PROD PIPE. LATCHED INTO PKR. SPACED OUT.
ND. SET OUT BOP & INSTLD FLANGE TST 5K. CLEANED PITS. LOADED 4-1/2" TBG W/3.
BBLs PROD WTR. PMPD 231 BW DWN TBG @ 3 BPM. WELL ON VAC W/200 BBLs PMPD.
AIR 2.8 BPM. AIP 75 PSIG. WELL ON VAC @ 1.2 BPM. SWI. WAITING ON FACILITIES.

14906
2918




Brian Henthorn/FTW/CTOC

03/12/2012 11:12 AM

To: David Luna/MID/CTOC@CTOC

cc: Jim Madison/FTW/CTOC@CTOC, Sharon
Hindman/MID/CTOC@CTOC

bcc:

Subject: Re: Nash 53 SWD 

All,

Please find attached the final tops report for the Nash Unit 53 SWD. Apologies for not getting this out earlier. Regarding the requested information for the OCD please see below...

The top of Devonian did come in higher than expected, we estimated it to come in at 15,074 ft MD, when in fact it was actually at 14,903 ft MD. This discrepancy is due mostly to the lack of nearby deeper Devonian penetrations. In regards to the Devonian being productive, the nearest offset Devonian historical producer (no longer in current production) that I was able to find, was more than 8 miles from the subject well. Also, the mudlog from the Nash Unit 53 SWD displayed no oil shows and very low total gas, averaging ~10 units, on the mudlog.



Nash 53 SWD_Final Tops.xls

If you have any further questions feel free to contact me,

Regards,

Brian Henthorn
Geologist

XTO Energy / A Subsidiary of ExxonMobil
810 Houston St.
Fort Worth, TX 76102

Nash Unit SWD 53

30-015-39400

(Devonian SWD)

Sec 13 T23S-R29E

FINAL FORMATION TOPS

KB Elevation: 3018

GR Elevation: 2999

FORMATION		WELL MD DEPTH
Rustler		
Salado		267
Base Castile/top Delaware		3,210
Cherry Canyon		4,076
Brushy Canyon		5,666
Bone Spring		6,944
Wolfcamp		10,221
Cisco		11,629
Canyon		11,907
Strawn		12,125
Atoka		12,327
Morrow		12,970
Barnett Shale		13,810
Mississippian Limestone		14,406
Woodford Shale		14,758
Devonian		14,903
Fusselman		15,408
Montoya		16,007
Simpson		16,380
Total Depth		16,445

Jones, William V., EMNRD

From: Sharon_Hindman@xtoenergy.com
Sent: Thursday, March 15, 2012 3:25 PM
To: Jones, William V., EMNRD
Subject: RE: Nash 53SWD API No. 30-015-39400

I show the Compensated Neutron Gamma Ray / CCL Log was submitted with the initial package 1/30/2012. I did not show a mud log with this. Will check on the mud log to see if there was one ran.

"Jones, William V., EMNRD" <William.V.Jones@state.nm.us>

03/15/2012 04:03 PM

To "Sharon_Hindman@xtoenergy.com" <Sharon_Hindman@xtoenergy.com>
cc
Subject RE: Nash 53SWD API No. 30-015-39400

Sharon,

The previous permits require a copy of the logs and also a mudlog (over the Devonian) be sent to the Division for this API number 30-015-39400

Has this been done?

Will Jones
New Mexico
Oil Conservation Division
[Images Contacts](#)

From: Sharon_Hindman@xtoenergy.com [mailto:Sharon_Hindman@xtoenergy.com]
Sent: Thursday, March 15, 2012 2:16 PM
To: Jones, William V., EMNRD
Subject: Nash 53SWD API No. 30-015-39400

I am checking with you to see if you have time to evaluate the information that I submitted to you earlier on this well. I was asked by our engineer if you had responded and I told him I would check with you to see what will need to be done to bring this problem into compliance. Thanks for your help with this matter.

I am attaching documents on the Nash 53SWD to request an amendment to the permit. I had talked to you per telephone on March 6, 2012 and I am sorry that we

are just getting back to you on our problem with this well. I have attached 5 pages which should hopefully give you what you needed to help us out with this permit problem. Please let me know if you need any further information. Thanks for your help with this matter. My phone number is 432-620-6741.