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

SIGNATURE

TITLE Regulatory Analyst DATE 12/01/09

Kristy_ward@xtoenergy.com

E-mail address: PHONE 432-620-6740

For State Use Only

______ TITLE_____ DATE _____

 Nash Unit #29 SWD Convert to SWD Page 1 - Cont'd.

5/13/09

RU pipe tstr. RIH w/Peak's 5-1/2" Arrow set pkr & 112 jts of 2-7/8" WS tbg. Set pkr @ 3,607'. RU Lobo pmp trk. L&T TCA w/1 bbl of FW to 500 psig & monitor thru out job. RU acid trk. Acidized Bell Canyon fr 3,688'-3,786' w/3,500 gals of 7.5% hcl while dropping 100-1.3 SGBS in last 2,625 gals of acid @ rate of 10 BS ever 6.2 bbls. Bailed out w/20 balls on perfs. Surged balls off of perfs & continue w/acid. Flushed w/26 bbls of FW. Flowed well back on 12/64" choke for 2 hrs & rec 16 bbls of LW. TLTR 111 bbls.

5/14/09

BWDTT. Rel pkr & POOH w/2-7/8" tbg & LD pkr. ND BOP. NU Stringer frac valve.

5/15/09

Frac #1 - RU frac crew. Frac Bell Canyon fr 3,688'-3,786' w/10,000 gals FW. 30,000 AMBorMax 1017 x link gel FW carrying 50,000# 16/30 sd w/sd concen of 1-4 ppa. Dwn 5-1/2" csg @ 60 bpm & 3,000 psig. Flush w/2,000 gals of 7.5% NEFE Hcl acid treated w/WFR-3, & 1,600 gals of FW.

RU Key WL & 5K lubricator. RIH w/6,650" gauge ring to 3,700'. POOH, RIH w/5-1/2" composite plug & set @ 3,650'. POOH, RIH w/3-1/8" csg guns. Correlated depth w/Key log. Perforated Bell Canyon fr 3,478'-86', 3,492'-3,500', 3512'-22', 3,536'-50', 3,554'-68', w/1 spf, (54' ttl holes). POOH w/csg guns.

Frac #2 – Frac Bell Canyon fr 3,478'-3,568' w/10,000 gals FW, 30,000 AMBorMax 1017 x link gel FW carrying 50,000# 16/30 sd w/sd concen of 1-4 ppa. Dwn 5-1/2" csg @ 60 bpm & 3,000 psig. Flush w/2000 gals of 7.5% NEFE Hcl acid treated w/WFR-3, & 1,400 gals of FW.

RIH w/3650"gauge ring to 3,700'. POOH, RIH w/5-1/2" composite plug & set @ 3,650'. POOH, RIH w/3-1/8" csg guns. Correlated depth w/Key log. Perforated Bell Canyon fr 3,192'-3,202', 3,244-54', 3,260'-70', 3,292'-98', 3,324'-3,334', 3,346'-56', 3,376'-86', w/1 spf, (66' ttl holes). POOH w/csg guns. RD.

Frac #3 – Frac Bell Canyon fr 3,192-3,386' w/10,000 gals FW, 30,000 AMBorMas 1017 x link gel FW carrying 50,000# 16/30 sd w/sd concen of 1-4 ppa. Dwn 5-1/2" csg @ 60 bpm & 3,000 psig. Flush w/3.075 gals of FW. RD Frac Equip.

5/18/09

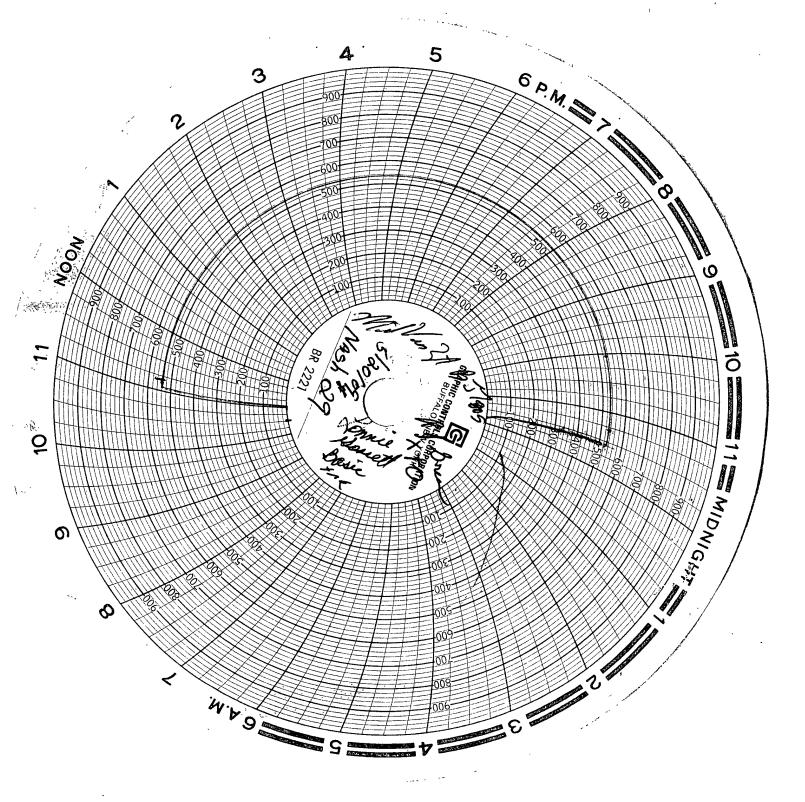
Flowed well on 36/64", 3/4" choke for 24 hrs & rec 1,804 BLW.

Nash Unit #29 SWD Convert to SWD Page 2 – Cont'd.

5/19/09 RU Weatherford foam unit. RIH w/4-3/4" bit, 6-3-1/2" DC's & 99 jts of 2-7/8" N80 WS tbg. Tag composite plug @ 3,425'. RU swivel. DO composite plug fr 3,425'-3,428'. RIH tag sd @ 3,640'. DO sd, composite plug fr 3,640'-3,653'. RIH & tag @ 3,890'. (Top cement, CIBP @ 3,890'). Circ w/130 BFW. RD swivel. PUH w/bit @ 3,000'.

5/20/09 PUH LD tbg to 3,000'. POOH LD tbg & BHA.

5/21/09 PU & RIH w/5-1/2" Arrow set pkr, on/off tool & 99 jts of 2-7/8" J55, 6.5#, EUE, 8rd IPC YB tbg. Set pkr, rel on/off tool. RU pmp trk & circ 75 bbls of pkr fluid. Latched back onto on/off tool. ND BOP & NU WH. RU chart recorder. RD. RD Basic equip & RDMO PU. Waiting for approval to start injecting.





Closure Report

Solids and Fluids were removed from steel tanks and hauled off by trucking companies and taken to.

Disposal Facility Name: CRI

Disposal Facility Permit Number: NM-01-0006



November 4, 2009

Mosaic Potash Carlsbad Inc Attention: Mr. Don J. Purvis, General Manager P.O. Box 71 1361 Potash Mines Road Carlsbad, NM 88221-0071

Re: Nash Unit Well No. 29

Dear Mr. Purvis:

In reference to the meeting of October 7, 2009 at Mosaic Potash Carlsbad Inc.'s plant site concerning disposal of produced water into the Bell Canyon member of the Delaware Mountain Group in the Nash Unit Well No. 29 located 1980 feet from the South line and 2310 feet from the East line, Unit J of Section 13, Township 23 South, Range 29 East, NMPM, Eddy County New Mexico.

XTO Energy Inc will abide by the rules and provisions in Administrative Order SWD-1157 issued January 29, 2009 by the New Mexico Oil Conservation Division. Since Mosaic Potash Carlsbad Inc. has substantial economic mineral reserves surrounding the well location, XTO offers these additional items of consideration

- A) XTO Energy Inc will notify Mosaic Potash Carlsbad Inc. of any request to the Director of the Oil Conservations Division for an increase in the well head injection pressure. As of January 29, 2009 surface injection pressure was limited to no more than 638 psig into the Delaware Mountain Group perforations from 3192 feet to 3786 feet
- B) XTO Energy Inc will notify Mosaic Potash Carlsbad Inc. in advance of the initial Mechanical Integrity test and will also notify Mosaic Potash Carlsbad Inc prior to the annual mechanical integrity test as required by the Director of the Oil Conservations Division. This test will check for any leaks or migration of brine into other formations. A copy of the results will be mailed, along with a summary of the interpretation of the test upon completion.
- C) XTO Energy Inc. will notify the Manager of Mosaic Potash Carlsbad Inc. immediately of the failure of the tubing, casing or packing in said well of the



leakage of brine from or around said well and XTO Energy, Inc. shall take such steps as may be timely and necessary to correct such failure and leakage, including the stopping of the injection of produced water when any of the above problems are found until correction of the problem is completed.

- D) XTO Energy, Inc. is required by order to inject produced water in the interval that is 3192 feet to 3786 feet below the surface. In no case will the injection of produced water be allowed to take place above this interval. To insure that injection is within the permitted interval, an injection tracer survey will be ran within one year of initial injection. This survey will subsequently be ran every five years. XTO Energy Inc will make these surveys available to Mosaic Potash Carlsbad Inc upon request
- E) XTO Energy, Inc will make available to Mosaic Potash Carlsbad Inc the prior three (3) months disposal rates and pressures in Nash #29 well.
- F) In the event indicators should suggest that injection fluids cannot be contained within the permitted injection interval, XTO Energy, Inc. shall take immediate steps to resolve the problem up to and including abandonment of the well in accordance with the terms of this agreement and the State and Federal plugging regulations.

Please return a copy of the signed agreement at your earliest convenience.

osaic Potash Carlsbad Inc.
osaic Potasii Cansuau inc.
1 Old
on J. Purvis
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ite

New Mexico Energy, Minerals and Natural Resources Department

Bill Richardson

Governor

Joanna Prukop Cabinet Secretary Reese Fullerton Deputy Cabinet Secretary Mark Fesmire
Division Director
Oil Conservation Division



REC'D/MIDLAND

FEB 0'4 2009

Administrative Order SWD-1157

January 29, 2009

Kristy Ward XTO Energy, Inc. 200 N. Loraine Suite 800 Midland, TX 79705

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Rule 26.8B., XTO Energy, Inc. made application to the New Mexico Oil Conservation Division, for permission to re-complete for produced water disposal its Nash Unit Well No. 29 (API 30-015-29434) located 1980 feet from the South line and 2310 feet from the East line, Unit J of Section 13, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

The application has been duly filed under the provisions of Division Rule 26.8B. Satisfactory information has been provided that affected parties as defined in Rule 26.8B.(2) have been notified and no objections have been received within the prescribed waiting period. The applicant has presented satisfactory evidence that all requirements prescribed in Rule 26.8 will be met and the operator is in compliance with Division Rule 5.9.

IT IS THEREFORE ORDERED THAT:

The applicant XTO Energy, Inc., is hereby authorized to re-complete its Nash Unit Well No. 29 (API 30-015-29434) located 1980 feet from the South line and 2310 feet from the East line, Unit J of Section 13, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, in such manner as to permit the injection of produced water for disposal purposes into the Bell Canyon member of the Delaware Mountain Group through perforations from 3192 feet to 3786 feet through 2-7/8 inch or smaller, plastic-lined tubing set in a packer located within 100 feet of the injection interval.



IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to injection into this well, the (offsetting well) Nash Unit Well No. 1 (API No. 30-015-21277) shall be **squeeze cemented** to raise the existing cement top from approximately 3960 to above the (3325 feet) intermediate casing shoe. This cement placement shall be verified with a temperature survey or cement bond log. The operator shall show evidence and obtain verification in writing from the Engineering Bureau of the Division of this remedial cementing prior to commencing injection into the Nash Unit Well No. 29.

After installing injection tubing, the casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge or an approved leak detection device in order to determine leakage in the casing, tubing, or packer. The casing shall be pressure tested from the surface to the packer setting depth to assure casing integrity.

The wellhead injection pressure on the well shall be limited to **no more than 638 psi.** In addition, the injection well or system shall be equipped with a pressure limiting device in workable condition which shall, at all times, limit surface injection pressure to the maximum allowable pressure for this well.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the injection formation. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Division's district office of the date and time of the installation of disposal equipment and of any mechanical integrity test so that the same may be inspected and witnessed. The operator shall provide written notice of the date of commencement of injection to the Division's district office. The operator shall submit monthly reports of the disposal operations on Division Form C-115, in accordance with Division Rules 26.13 and 7.24.

Without limitation on the duties of the operator as provided in Division Rules 30 and 29, or otherwise, the operator shall immediately notify the Division's district office of any failure of the tubing, casing or packer in the well, or of any leakage or release of water, oil or gas from around any produced or plugged and abandoned well in the area, and shall take such measures as may be timely and necessary to correct such failure or leakage.

In accordance with Division Rule No 26.12C., the injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the

Administrative Order SWD-1157 XTO Energy, Inc. January 29, 2009 Page 3 of 3

Division, upon written request, mailed by the operator prior to the termination date, may grant an extension thereof for good cause shown. One year after injection operations into the well has ceased, the injection authority will terminate *ipso facto*.

Compliance with this order does not relieve the operator of the obligation to comply with other applicable federal, state or local laws or rules, or to exercise due care for the protection of fresh water, public health and safety and the environment.

Jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh or protectable waters or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

MARK E. FESMIRE, P.E.

Director

MEF/wvji

cc: Oil Conservation Division - Artesia

Bureau of Land Management - Carlsbad

Form 3160-5 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0137 Expires March 31, 2007 BUREAU OF LAND MANAGEMENT

SHNDRY	NOTICES	AND	REPORTS	ON	WELL	C

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NM	- 1 ⁻	758	зегаг 39	

Do not use this form for abandoned well. Use Form			•	6. If Indian, A	Allottee or Tribe Name
SUBMIT IN TRIPLICATE -	Other instruction	s on reverse side		7. If Unit or C Nash Unit	CA/Agreement, Name and/or N
1. Type of Well Oil Well Gas Well X Other 2. Name of Operator		Salt Water Di	sposal Well	8. Well Name Nash Unit	
XTO Energy Inc. 3a. Address 200 N. Loraine, Ste. 800 Midland, 4. Location of Well (Footage, Sec., T., R., M., or Survey Interpretation of the Steel	Description) 9E	3b. Phone No. (include are 432-620-6740	ea code)	Nash Draw	434 Pool, or Exploratory Area ; Bell Canyon or Parish, State
12. CHECK APPROPRIATE	BOX(ES) TO INI	DICATE NATURE OF N	NOTICE, REPO		
TYPE OF SUBMISSION		TYF	PE OF ACTION		
Notice of Intent X Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injects	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production Reclamatio Recomplete Temporarity Water Disp	e y Abandon	Water Shut-Off Well Integrity Convert to SWD Well AO #SWD-1157
In the proposed or Completed Operation (clearly If the proposal is to deepen directionally or recomp Attach the Bond under which the work will be per following completion of the involved operations. I testing has been completed. Final Abandonment Notetermined that the final site is ready for final inspect 5/7/09 MIRU Basic PU. ND WH & r 5/11/09 Finished POOH LD w/ttl of scraper & 164 jts of 2-7 5/12/09 RU WL trk. RIH w/5-1/2" w/cmt dump bailer, WL & Correlated depth w/Schlur KCL to 500 psig. RD. RIH guns. Correlated depth w 3,726'-3,738', 3,750'-3, Procedure Cont'd. on Next Page	olete horizontally, give soformed or provide the fithe operation results in totices shall be filed on tition.) el TAC. NU BOP. f 222 jts of 2-/8" N80 WS tbg CIBP & WL. Corr dump 10' cmt on mberger log. Se w/cmt dump bai /Schlumberger 1	subsurface locations and meas Bond No. on file with BLM/ m a multiple completion or really after all requirements, inc. 7/8" J55 prod tbg. to 5,426'. P00H w/2 elated depth w/Schl top of CIBP. P00H t CIBP @ 3,900'. RUler, WL & dump 10'og. Perfs Bell Cany	PU RIH w/4- 2-7/8" tbg, umberger lo w/WL bailer pmp trk. L cmt on top	absequent report with the control of a sequent report with the control of the con	d approximate duration thereoall pertinent markers and zones rts shall be filed within 30 day form 3160-4 shall be filed oncompleted, and the operator has 4-3/4" csg raper & bit. BP @ 5,400'. RIH 1/2" CIBP & WL. 195 bbls of 1% IH w/3-1/8" csg 3,698'-3,712'.
14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)		Title			

Regulatory Analyst Date 12/01/09 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Title Approved by 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, 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.

Nash Unit #29 SWD Convert to SWD Page 1 - Cont'd.

5/13/09

RU pipe tstr. RIH w/Peak's 5-1/2" Arrow set pkr & 112 jts of 2-7/8" WS tbg. Set pkr @ 3,607'. RU Lobo pmp trk. L&T TCA w/1 bbl of FW to 500 psig & monitor thru out job. RU acid trk. Acidized Bell Canyon fr 3,688'-3,786' w/3,500 gals of 7.5% hcl while dropping 100-1.3 SGBS in last 2,625 gals of acid @ rate of 10 BS ever 6.2 bbls. Bailed out w/20 balls on perfs. Surged balls off of perfs & continue w/acid. Flushed w/26 bbls of FW. Flowed well back on 12/64" choke for 2 hrs & rec 16 bbls of LW. TLTR 111 bbls.

5/14/09

BWDTT. Rel pkr & POOH w/2-7/8" tbg & LD pkr. ND BOP. NU Stringer frac valve.

5/15/09

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RU Key WL & 5K lubricator. RIH w/6,650" gauge ring to 3,700'. POOH, RIH w/5-1/2" composite plug & set @ 3,650'. POOH, RIH w/3-1/8" csg guns. Correlated depth w/Key log. Perforated Bell Canyon fr 3,478'-86', 3,492'-3,500', 3512'-22', 3,536'-50', 3,554'-68', w/1 spf, (54' ttl holes). POOH w/csg guns.

Frac #2 – Frac Bell Canyon fr 3,478'-3,568' w/10,000 gals FW, 30,000 AMBorMax 1017 x link gel FW carrying 50,000# 16/30 sd w/sd concen of 1-4 ppa. Dwn 5-1/2" csg @ 60 bpm & 3,000 psig. Flush w/2000 gals of 7.5% NEFE Hcl acid treated w/WFR-3, & 1,400 gals of FW.

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Frac #3 – Frac Bell Canyon fr 3,192-3,386' w/10,000 gals FW, 30,000 AMBorMas 1017 x link gel FW carrying 50,000# 16/30 sd w/sd concen of 1-4 ppa. Dwn 5-1/2" csg @ 60 bpm & 3,000 psig. Flush w/3.075 gals of FW. RD Frac Equip.

5/18/09

Flowed well on 36/64", 3/4" choke for 24 hrs & rec 1,804 BLW.

Nash Unit #29 SWD Convert to SWD Page 2 – Cont'd.

5/19/09 RU Weatherford foam unit. RIH w/4-3/4" bit, 6-3-1/2" DC's & 99 jts of 2-7/8" N80 WS tbg. Tag composite plug @ 3,425'. RU swivel. DO composite plug fr 3,425'-3,428'. RIH tag sd @ 3,640'. DO sd, composite plug fr 3,640'-3,653'. RIH & tag @ 3,890'. (Top cement, CIBP @ 3,890'). Circ w/130 BFW. RD swivel. PUH w/bit @ 3,000'.

5/20/09 PUH LD tbg to 3,000'. POOH LD tbg & BHA.

PU & RIH w/5-1/2" Arrow set pkr, on/off tool & 99 jts of 2-7/8" J55, 6.5#, EUE, 8rd IPC YB tbg. Set pkr, rel on/off tool. RU pmp trk & circ 75 bbls of pkr fluid. Latched back onto on/off tool. ND BOP & NU WH. RU chart recorder. RD. RD Basic equip & RDMO PU. Waiting for approval to start injecting.

Form 3160-4 (April 2004)

UNITED STATES . DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

	WELL	. COMP	LETION O	R REC	OMPLET	ION REI	PORT	AND LO	G			5. Lease S NM - 17		
la. Type		Oil We	ll Gas V		Dry)	Other Deepen	Salt	: Water Plug Back	•					or Tribe Name
b. Type	of Completion:	L. Otl	•		Well to			Flug Back	, Пъ	III. Ke	SVI,.		_	ment Name and No.
2. Name o	f Operator			Oliver c	Well co	JWD					 -	Nash		V-11 NT-
	ergy Inc.										1		Name and V	
3. Address							3a.	Phone No.	(include	area e	code)	9. API W	Unit #2	
200 N.	Loraine,	Suite 8	300, Mid	land, I	exas 7	9701		432 -	620-67	40			15-2943	4
 Locatio 	n of Well (Repo	ort locatio	n clearly and	in accord	ance with F	ederal red	quireme	nts)*						Exploratory
At surfa	^{ce} 1980'	FSL &	2310' FEI	., Eddy	Co., N	М					j	1. Sec., T.	, R., M., o	Bell Canyon r Block and
At top p	rod interval rep	orted belo	ow								ļ.	Sec.		23S, R-29E
At total	depth										I.	2.County Eddy	or Parish	13. State
14. Date S	pudded	15. Da	te T.D. Reach	ned		16. Da	te Com D & A	-	Ready	to Pı		17. Elevat	ions (DF, I	RKB, RT, GL)*
3/2/	1997	5/	15/1997					/2009	ภ			2991'	GL, 30	05.' KB
18. Total I	Depth: MD	1		. Plug Bad	k T.D.: N	1D			20. 1	Depth	Bridge P			900' w/10
	TVD	72	50'		T	VD 38	390'	TOC			_			x cmt top
21. Type F	Electric & Other	Mechani	cal Logs Run	(Submit co	py of each				- 22:Wa	s well	cored?	X- No		Submit-analysis)
									Wa	s DST	run	X No	Yes (S	Submit report
	berger Log								Dir	ection	al Survey?	<u>(X)</u>	40 []	es (Submit copy)
23. Casing	and Liner Reco	ord (Repo	rt all strings s	et in well)										
Hole Size	Size/Grade	Wt.(#ft.)	Top (MD	Bottor	n (MD)	Stage Cem Depth		No.of S Type of (ırry Vol. (BBL)	Ceme	nt Top*	Amount Pulled
Same as	Original					Бори		Type of C	CHICIC		(DBL)			
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24. Tubing	Record		<u>'</u>	<u></u>	l							<u></u>		
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Size 2 7/8"	Depth Set (1 3141'	MD) P	acker Depth (N 3148'	1D)	Size	Depth Set	(MD)	Packer D	epth (MD)	 	Size	Depth	Set (MD)	Packer Depth (MD)
	ing Intervals	L_	3140			26. Perfor	otion P	ecord				.i		1
23. 110duc	Formation		Top	Bo	ttom		rforated			C:		No. Holes	1	Perf. Status
A)		<u> </u>	3192'		86'		92'-3		.	Size	£	66		ren. Status
B)	Bell Canyo)[]	3132	3/	00		78'-3			l sp		<u>66</u> 54		
C)				-						l sp				
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	92'-3386'		- Enac i	./10 00	0 ~1 ~ [1 20 00	- AMI	Amount and		-				000# 16/00
31	92 -3300													.000# 16/30 sd
24	701 05601													gls FW.
	78' - 3568'											·		,000# 16/30 sd
	d on next ion - Interval A		W/SQ	<u>concen</u>	ot 1-4p	pa. Dwr	1 5-1	/2"csg (4 60pp	<u>m_&</u>	3000ps	<u>ig. Fl</u>	w/2000	gls 7.5% NEFE
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Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: C Ratio	Dil	Well Star		Unton	Diana	1	
28a Drodus	tion-Interval B	L		<u> </u>	L		<u> </u>			sa i t	water	Dispos	<u>501</u>	
Date First	Test	Hours	Test	Oil	Gas	Water	Oil		Gas		Product	on Method		
Produced	Date	Tested	Production	BBL	MCF	BBL	Gravit	<u>.</u>	Gravity			on Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: 0 Ratio	Oil Oil	Well Star	tus				

Nash Unit #29 Convert to Salt Water Disposal Cont'd.

27. 3478'-3568' Flush w/2,000 gls of 7.5% NEFE HCL acid treated w/WFR-3, & 1,400 gls of FW.

3688'-3786' Acidized w/3,500 gls of 7.5% Hcl while dropping 100-1.3 SGBS in last 2,625 gls of acid @ rate of 10 BS ever 6.2 bbls. Bailed out w/20 balls on perfs. Surged balls off of perfs & continued w/acid. Flushed w/26 bbls of FW wtr.

28b.Producti	on - Interv	al C					V			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method	
Choke Size	Tbg Press Flwg. SI	s. Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status		
28c. Product	ion-Interv	al D	<u> </u>	<u> </u>			 			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method	
Choke Size	Tbg. Press Flwg. SI	S. Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas [,] Oıl Ratio	Well Status		
29. Dispositi	on of Gas (S	Sold, used for	L fuel, vented, e	tc.)			1	L		
30. Summar	ry of Poro	us Zones (Inc	lude Aquifers)	:				31. Format	tion (Log) Markers	
tests, ir	ll importance and reco	lepth interval	orosity and co	ontents th	ereof: Co	red interva	als and all drill-s lowing and shu	tem t-in		
Format	ion	Тор	Bottom		Descr	iptions, Co	ntents, etc.		Name	Top Meas.Depth
			eging procedu	-	-					
33. Indicate Electric Sundr	which iter ical/Mecha y Notice fo	ns have bee a unical Logs (1 or plugging ar	ttached by place full set req'd) and cement veri	cing a che	Geold Core	ogic Repor Analysis	t DST Re		ional Survey able records (see attached in	nstructions)*
Name (pl	lease print)) Kristv	Ward					Title Requlat	corv Analyst	
Signature		Kry	th	Para				Date 12/01/0	, , , , , , , , , , , , , , , , , , , ,	
Name (pl	C. Section	Kristy Kristy	Ward Hyh tle 43 U.S.C.	Section 1	212, make	e it a crim		Title Regulat Date 12/01/0	ory Analyst	astructions)*

XTO ENERGY

Well:

Nash Unit #29

Area:

Carlsbad

Location:

Section 13, T23S, R29E

County:

Eddy

Elevation:

2991 GL 3005 KB

WI: NRI:

86.593973% 66.807591%

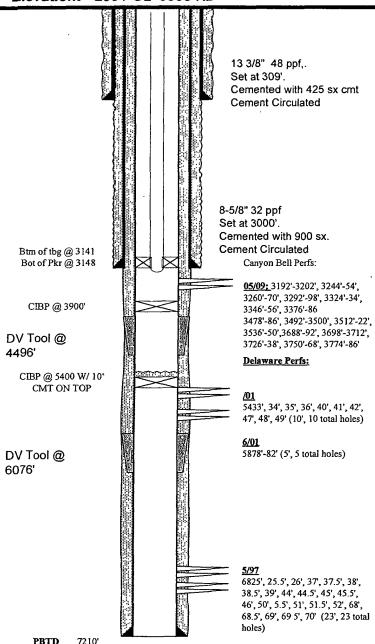
Spud:

3/2/1997

State:

New Mexico





Nash Unit #29: Spud: 3/2/1997 Complete Well: 5/15/97

Delaware: Initial Completion

5/97: Perforate (6825'-6870' 23' 23 holes), Acidize w/ 2500 gals 7.5% NEFE & 50 BS, AIR 2.8 BPM @ 1500 psi, ISIP 620#,

Frac down csg w/ 94105 gal YF135 gel carrying 216880# 16/30 &

RC sand ,AIR 21 BPM @ 900 psi, ISIP 920#

Ran temp survey

Top of frac @ 6720' & bottom @ 6945'

Final Report

IPP: 36 BO, 352 BW & 305 MCF in 24 hrs

Workovers 6/2001 Set RBP @ ??? Perforate 5878'-82' (5', 5 holes), Acidize interval w/ 1000 gal 7 1/2% & 10 BS, Swab 2-3% oil cut DID NOT FRAC

Set RBP @ 5516'

Perforate 5433-5449 (10', 10 total holes), Acidize w/ 1500 gal 7.5% NEFE & 20 BS, AIR 3.3 BPM @ 1300 psi, ISIP 700 psi, Swab 25%

Frac via 2 7/8" tbg w/ 4300 gal YF-130 gel & 3200# 16/30 sand AIR 6.1 BPM @ 1060 psi, ISIP 700 psi,

Retrieve RBP & put all zones on pump IPP: 3 bo, 49 bw & 50 mcf

11/22/06: Pump change. RIH w/ 1-1/2" insert pump. RWTP.

5/6/09: Convert well to SWD. Set CIBP @ 5400' (put 10' cmt ontop of CIBP. Perf Bell Canyon fr 3688-3692' (4 holes), 3698-3712'(14 holes), 3726-3738 (12 holes), 3750-3768' (18 holes), 3774-3786' (12 holes). RIH & set pkr @ 3607' and acidize Bell Canyon fr 3688-3786' w/ 3500 gal 7.5% HCL while dropping 100 - 1.3 SGBS in last 2625 gal of acid @ rate of 10 BS every 6.2 bbls. Balled out w/ 20 balls on perfs. Surged balls off & cont'd w/ acid. AIR-4.8 BPM, Min/Max press-1550/5005 psig, Min/Max rate-2/5.1 BPM. ISIP-1075 psig, 5"-925 psig, 10"-885 psig, 15"-855 psig. Wait 4 hrs. Flow back on 12/64 choke for 2 hrs & rec 16 bbls of LW. TLTR 111 bbl. Frac Bell Canyon fr 3688-3786' w/ 10,000 gal FW, 30,000 AMBorMax 1017 x link gel FW carrying 50,000# 16/30 sd w/ sd concen of 1-4ppa, via 5-1/2" csg @ 60 BPM & 3,000 psig.

Set composite plug @ 3650'. Perf Bell Canyon fr 3478-86' (8 holes), 3492-3500' (8 holes), 3512-22' (10 holes), 3536-50' (14 holes), 3554-68' (14 holes). Frac Bell Canyon w/ 10,000 gal FW, 30,000 AMBorMax 1017 x link gel Fwcarrying 50,000# 16/30 sd w/ sd concen of 1-4 ppa, via 5-1/2" csg @ 0 BPM & 3,000 psig, flush w/ 3075 gal of FW. AIR-59 BPM, ATP-1600 psig. Max press-2610. ISIP-1064 psig, 5"1064 psig, 10"-1060 psig, 15" 1060 psig. LWTR 2917 bbls. SITP-600 psig. Flowed well on 12/64", 24/64" choke for 11 hrs & rec 725 BLW. FTP-150 psig. DO composite plug and clean out. RIH w/ pkr and set pkr @ 3148'. L&T TCA to 500 psig for 30" w/ no loss. and EIR w/ 6 bbls @ 3 BPM, 500 psig. RDMO PU. .

1st Stage cemented with 325 sx. 2nd Stage cemented with 400 sx. 3rd Stage cemented with 520 sx Circulated on 1st & 2nd stages

7250

5-1/2", 17# J-55

Set at 7250'.

TD

PREPARED BY: Richard Lauderdale

DATE: 6/8/09