

Well Name: NASH UNIT	Well Location: T23S / R29E / SEC 12 / NESW /	County or Parish/State: EDDY / NM
Well Number: 13	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0556859A	Unit or CA Name: NASH DRAW - DELAWARE	Unit or CA Number: NMNM70992C
US Well Number: 3001527316	Well Status: Producing Oil Well	Operator: XTO ENERGY INCORPORATED

Accepted for record – NMOCD gc 10/4/2022

Notice of Intent

Sundry ID: 2691529

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/09/2022

Time Sundry Submitted: 06:45

Date proposed operation will begin: 10/09/2022

Procedure Description: XTO Permian Operating LLC respectfully submits a NOI to PA sundry for the above well. The procedure and WBD current and proposed are attached below.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Nash_Unit_013_Proposed_WBD_PA_20220909064502.pdf

Nash_Unit_013_DHWP_PA_20220909064449.pdf

Nash_Unit_013_Procedure_PA_20220909064442.pdf

Well Name: NASH UNIT

Well Location: T23S / R29E / SEC 12 /
NESW /County or Parish/State: EDDY /
NM

Well Number: 13

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0556859A

Unit or CA Name: NASH DRAW -
DELAWAREUnit or CA Number:
NMNM70992C

US Well Number: 3001527316

Well Status: Producing Oil Well

Operator: XTO ENERGY
INCORPORATED

Conditions of Approval

Specialist Review

Nash_Unit_13_Sundry_ID_2691529_P_A_20220922075351.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CASSIE EVANS

Signed on: SEP 09, 2022 06:45 AM

Name: XTO ENERGY INCORPORATED

Title: Regulatory Analyst

Street Address: 6401 Holiday Hill Road, Bldg 5

City: Midland

State: TX

Phone: (432) 218-3671

Email address: CASSIE.EVANS@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: LONG VO

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: LVO@BLM.GOV

Disposition: Approved

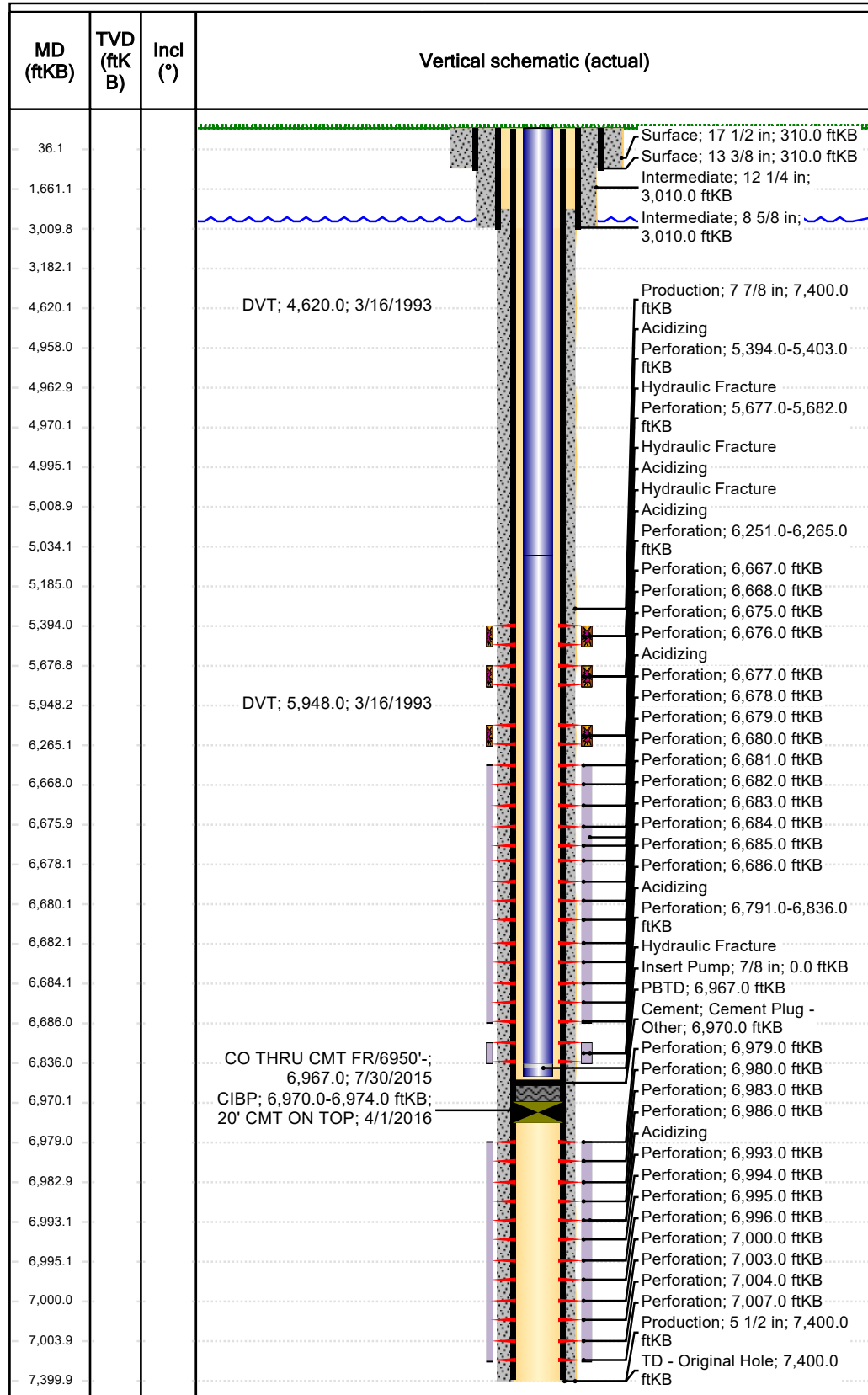
Disposition Date: 09/22/2022



Downhole Well Profile - with Schematic

Well Name: NASH UNIT 013

API/UWI 3001527316	SAP Cost Center ID 1136451001	Permit Number	State/Province New Mexico	County Eddy				
Surface Location T23S-R29E-S12	Spud Date 2/12/1993 00:00	Original KB Elevation (ft) 2,988.00	Ground Elevation (ft) 2,976.00	KB-Ground Distance (ft) 12.00	Surface Casing Flange Elevation (ft)			



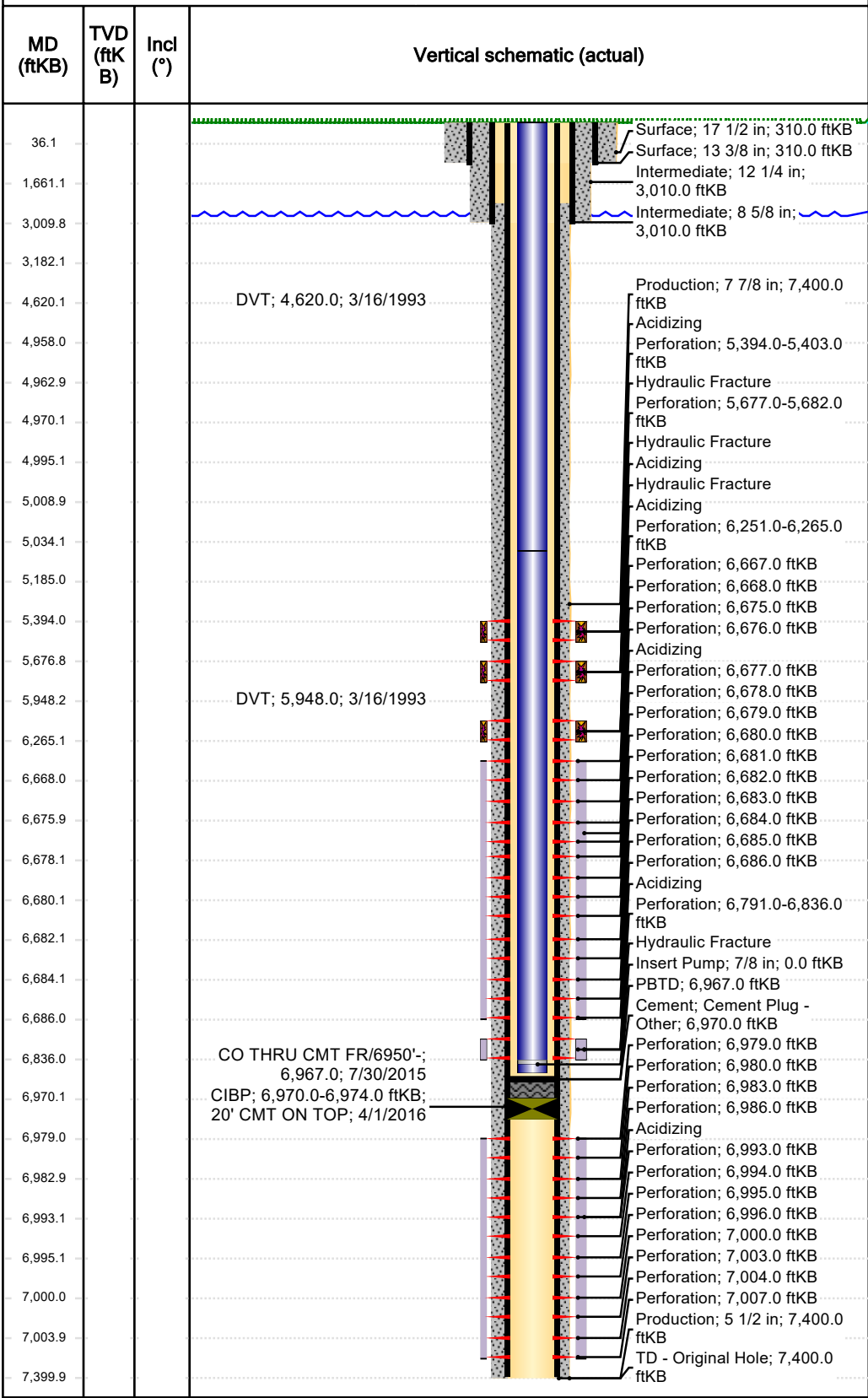
Wellbores				
Wellbore Name Original Hole		Parent Wellbore Original Hole		Wellbore API/UWI 3001527316
Start Depth (ftKB) 12.0			Profile Type Vertical	
Section Des	Hole Sz (in)	Act Top (ftKB)	Act Btm (ftKB)	
Surface	17 1/2	12.0	310.0	
Intermediate	12 1/4	310.0	3,010.0	
Production	7 7/8	3,010.0	7,400.0	
Zones				
Zone Name	Top (ftKB)	Btm (ftKB)	Current Status	
DELAWARE				
Casing Strings				
Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade
Surface	310.0	13 3/8	48.00	H-40
Intermediate	3,010.0	8 5/8	32.00	H-40
Production	7,400.0	5 1/2	17.00	J-55
Cement				
Des	Type	Start Date	Top (ftKB)	Btm (ftKB)
Surface Casing Cement	Casing	2/12/1993	12.0	310.0
Production Casing Cement	Casing	2/12/1993	2,950.0	7,400.0
Intermediate Casing Cement	Casing	2/12/1993	12.0	3,010.0
Cement Plug - Other	Plug	6/12/1993	6,967.0	6,970.0
Other In Hole				
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
4/1/2016	CIBP	4.95	6,970.0	6,974.0
Perforations				
Date	Top (ftKB)	Btm (ftKB)	Linked Zone	
4/23/1999	5,394.0	5,403.0	DELAWARE, Original Hole	
4/23/1999	5,677.0	5,682.0	DELAWARE, Original Hole	
4/23/1999	6,251.0	6,265.0	DELAWARE, Original Hole	
8/21/1993	6,667.0	6,667.0	DELAWARE, Original Hole	
8/21/1993	6,668.0	6,668.0	DELAWARE, Original Hole	
8/21/1993	6,675.0	6,675.0	DELAWARE, Original Hole	
8/21/1993	6,676.0	6,676.0	DELAWARE, Original Hole	
8/21/1993	6,677.0	6,677.0	DELAWARE, Original Hole	
8/21/1993	6,678.0	6,678.0	DELAWARE, Original Hole	
8/21/1993	6,679.0	6,679.0	DELAWARE, Original Hole	
8/21/1993	6,680.0	6,680.0	DELAWARE, Original Hole	
8/21/1993	6,681.0	6,681.0	DELAWARE, Original Hole	
8/21/1993	6,682.0	6,682.0	DELAWARE, Original Hole	
8/21/1993	6,683.0	6,683.0	DELAWARE, Original Hole	
8/21/1993	6,684.0	6,684.0	DELAWARE, Original Hole	
8/21/1993	6,685.0	6,685.0	DELAWARE, Original Hole	
8/21/1993	6,686.0	6,686.0	DELAWARE, Original Hole	
3/1/1993	6,791.0	6,836.0	DELAWARE, Original Hole	



Downhole Well Profile - with Schematic

Well Name: NASH UNIT 013

API/UWI 3001527316	SAP Cost Center ID 1136451001	Permit Number	State/Province New Mexico	County Eddy
Surface Location T23S-R29E-S12	Spud Date 2/12/1993 00:00	Original KB Elevation (ft) 2,988.00	Ground Elevation (ft) 2,976.00	KB-Ground Distance (ft) 12.00
Surface Casing Flange Elevation (ft)				



Perforations					
Date	Top (ftKB)	Btm (ftKB)	Linked Zone		
3/1/1993	6,979.0	6,979.0	DELAWARE, Original Hole		
3/1/1993	6,980.0	6,980.0	DELAWARE, Original Hole		
3/1/1993	6,983.0	6,983.0	DELAWARE, Original Hole		
3/1/1993	6,986.0	6,986.0	DELAWARE, Original Hole		
3/1/1993	6,993.0	6,993.0	DELAWARE, Original Hole		
3/1/1993	6,994.0	6,994.0	DELAWARE, Original Hole		
3/1/1993	6,995.0	6,995.0	DELAWARE, Original Hole		
3/1/1993	6,996.0	6,996.0	DELAWARE, Original Hole		
3/1/1993	7,000.0	7,000.0	DELAWARE, Original Hole		
3/1/1993	7,003.0	7,003.0	DELAWARE, Original Hole		
3/1/1993	7,004.0	7,004.0	DELAWARE, Original Hole		
3/1/1993	7,007.0	7,007.0	DELAWARE, Original Hole		
Stimulation Intervals					
Interval Number	Top (ftKB)	Btm (ftKB)	AIR (bbl/min)	MIR (bbl/min)	Proppant Total (lb)
1			11		55,200.0
1	6,791.0	6,836.0	10		54,000.0
99	6,979.0	7,007.0	3		0.0
99	6,791.0	6,836.0	2		0.0
99	6,667.0	6,686.0	3		0.0
1	6,251.0	6,265.0	6		3,000.0
2	5,677.0	5,682.0	6		3,000.0
3	5,394.0	5,403.0	8		11,090.0
97	5,394.0	5,403.0	3		0.0
98	5,677.0	5,682.0	3		0.0
99	6,251.0	6,265.0	3		0.0

Nash Unit 013 - Proposed WBD

13-3/8" shoe 310'

T/Salt 345'

B/ Salt 2895'

5-1/2" TOC 2950'

8-5/8" shoe 3010'

T/Delaware 3115'

DV Tool 4620'

Top Delaware Perf 5394'

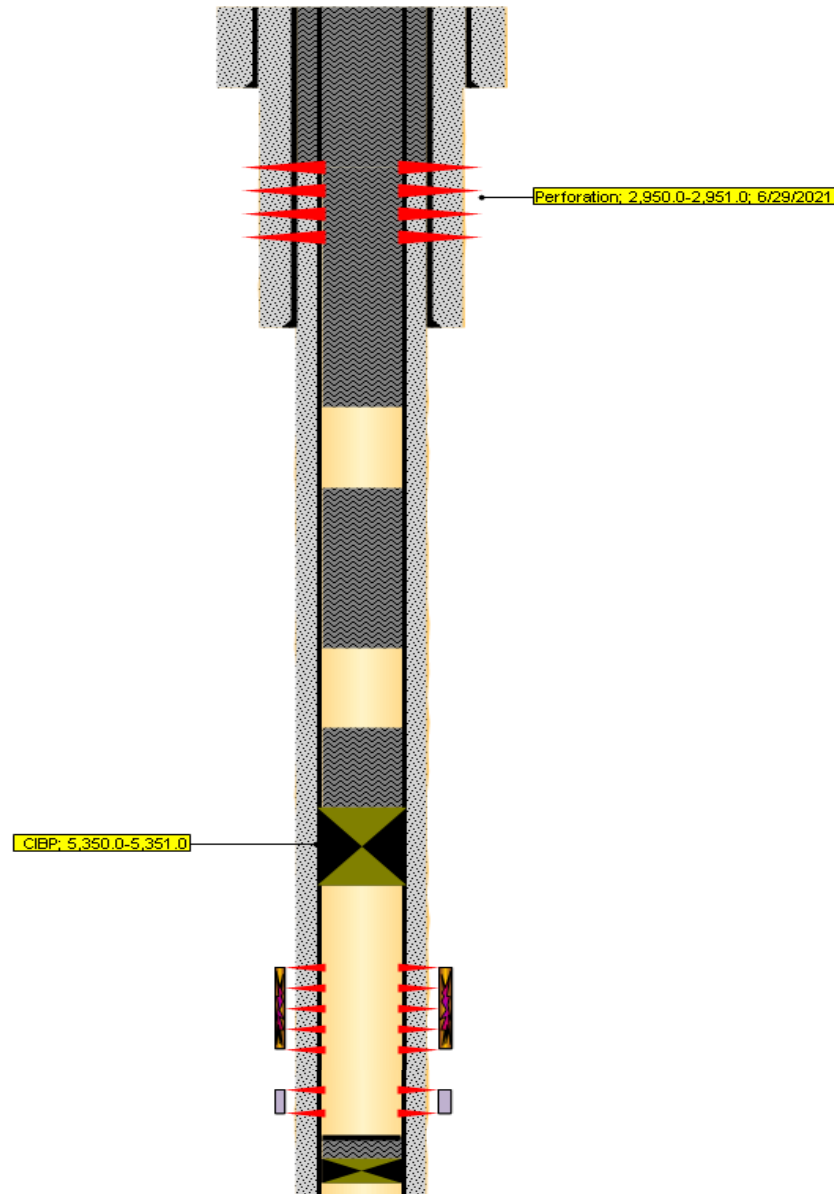
DV Tool 5948' (within perforated interval)

Bottom Delaware Perf 6836'

T/Bone Spring 6862'

Existing CIBP 6970'

Top Bone Spring Perf 6979'

Perf and squeeze 690 SKS Class C:
2950' to surface

Spot 25 SKS Class C: 3200' – 2950'

Spot 25 SKS Class C: 4670' – 4420'

Spot 25 SKS Class C atop CIBP: 5350' –
5100'. Tag and pressure test to 500
psig for 30 min.Dump bail 35' Class C atop existing
CIBP set in 1993 at 6970'. Tag and
pressure test to 500 psig for 30
min.

Well Name: NASH UNIT

Well Location: T23S / R29E / SEC 12 /
NESW /County or Parish/State: EDDY /
NM

Well Number: 13

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0556859A

Unit or CA Name: NASH DRAW -
DELAWAREUnit or CA Number:
NMNM70992C

US Well Number: 3001527316

Well Status: Producing Oil Well

Operator: XTO ENERGY
INCORPORATED**Notice of Intent**LONG VO Digitally signed by LONG VO
Date: 2022.09.22 08:18:13
-05'00'

Sundry ID: 2691529

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 09/09/2022

Time Sundry Submitted: 06:45

Date proposed operation will begin: 10/09/2022

Procedure Description: XTO Permian Operating LLC respectfully submits a NOI to PA sundry for the above well. The procedure and WBD current and proposed are attached below.**Surface Disturbance**

Is any additional surface disturbance proposed?: No

NOI Attachments**Procedure Description**

Nash_Unit_013_Proposed_WBD_PA_20220909064502.pdf

Nash_Unit_013_DHWP_PA_20220909064449.pdf

Nash_Unit_013_Procedure_PA_20220909064442.pdf

Approval Subject to

General Requirements and

Special Stipulations

Attached

Well Name: NASH UNIT

Well Location: T23S / R29E / SEC 12 /
NESW /County or Parish/State: EDDY /
NM

Well Number: 13

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0556859A

Unit or CA Name: NASH DRAW -
DELAWAREUnit or CA Number:
NMNM70992C

US Well Number: 3001527316

Well Status: Producing Oil Well

Operator: XTO ENERGY
INCORPORATED**Operator**

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CASSIE EVANS

Signed on: SEP 09, 2022 06:45 AM

Name: XTO ENERGY INCORPORATED

Title: Regulatory Analyst

Street Address: 6401 Holiday Hill Road, Bldg 5

City: Midland

State: TX

Phone: (432) 218-3671

Email address: CASSIE.EVANS@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

PLUG AND ABANDON WELLBORE
NASH UNIT 013
EDDY COUNTY, NEW MEXICO
Class II

MASIP	MAOP	MAWP	Surface Csg Yield
100 psi	1,000 psi	3,000 psi	1,730 psi

SUMMARY: Plug and abandon wellbore according to BLM regulations.

- 1) MIRU plugging company. Set open top steel pit for plugging.
- 2) POOH and LD rods and pump.
- 3) ND WH and NU 3K manual BOP. Function test BOP.
- 4) Unset TAC, POOH LD 2-7/8" tubing.
- 5) Notify BLM. RIH packer on 2-7/8" tubing, pressure test CIBP to 500 psig for 30 min.
- 6) MIRU WLU, RIH GR, RIH and set 25 sxs Class C cement atop CIBP from 6970' to 6743'. (Bonesprings at 6862') WOC and Tag.
- 7) RIH CIBP and set at 5344'.
- 8) RIH 2-7/8" tubing, spot 25 SKS Class C cement from 5350' to 5100'. Notify BLM, tag TOC, pressure test to 500 psig for 30 min.
- 9) Spot 25 SKS Class C cement from 4670' to 4420' (DV Tool).
- 10) Spot 25 SXS Class C cement from 3200' to 2950' (T/Delaware, B/Salt, 8-5/8" CSG shoe). Notify BLM and tag.
- 11) RIH WLU, perforate at 2950'.
- 12) Squeeze 690 SKS Class C cement from 2950' to surface (T/Salt, 13-3/8" CSG shoe, surface plug).
- 13) ND BOP and cut off wellhead 5' below surface. RDMO PU, transport trucks, and pump truck.
- 14) Set P&A marker.
- 15) Pull fluid from steel tank and haul to disposal. Release steel tank.



Downhole Well Profile - with Schematic

Well Name: NASH UNIT 013

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County
3001527316	1136451001		New Mexico	Eddy
Surface Location		Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)
T23S-R29E-S12		2/12/1993 00:00	2,988.00	2,976.00

Wellbores		Parent Wellbore		Profile Type	
Wellbore Name		Original Hole		Vertical	
Start Depth (ftKB)		Section Des		Hole Sz (in)	
12.0				17 1/2	
Surface				12 1/4	
Intermediate				7 7/8	
Production					
Zones					
Zone Name		Top (ftKB)		Btm (ftKB)	
DELAWARE					
Casing Strings					
Csg Des		Set Depth (ftKB)		OD (in)	
Surface		310.0		13 3/8	
Intermediate		3,010.0		8 5/8	
Production		7,400.0		5 1/2	
Cement					
Des		Type		Start Date	
Surface Casing Cement		Casing		2/12/1993	
Production Casing Cement		Casing		2/12/1993	
Intermediate Casing Cement		Casing		2/12/1993	
Cement Plug - Other		Plug		6/12/1993	
Other In Hole					
Run Date		Des		OD (in)	
4/1/2016		CIBP		4.95	
Perforations					
Date		Top (ftKB)		Btm (ftKB)	
4/23/1999		5,394.0		5,403.0	
4/23/1999		5,677.0		5,682.0	
4/23/1999		6,251.0		6,265.0	
8/21/1993		6,667.0		6,667.0	
8/21/1993		6,668.0		6,668.0	
8/21/1993		6,675.0		6,675.0	
8/21/1993		6,676.0		6,676.0	
8/21/1993		6,677.0		6,677.0	

Vertical schematic (actual)

MD (ftKB)	TVD (ftKB)	Incl (°)
36.1		
1,561.1		
3,009.8		
3,182.1		
4,620.1		
4,958.0		
4,962.9		
4,970.1		
4,995.1		
5,008.9		
5,034.1		
5,185.0		
5,394.0		
5,676.8		
5,948.2		
6,265.1		
6,668.0		
6,675.9		
6,678.1		
6,680.1		
6,682.1		
6,684.1		
6,686.0		
6,836.0		

DVT: 4,620.0; 3/16/1993

DVT: 5,948.0; 3/16/1993

CO THRU CMT FR/6950'; 6 967.0; 7/30/2015



Downhole Well Profile - with Schematic

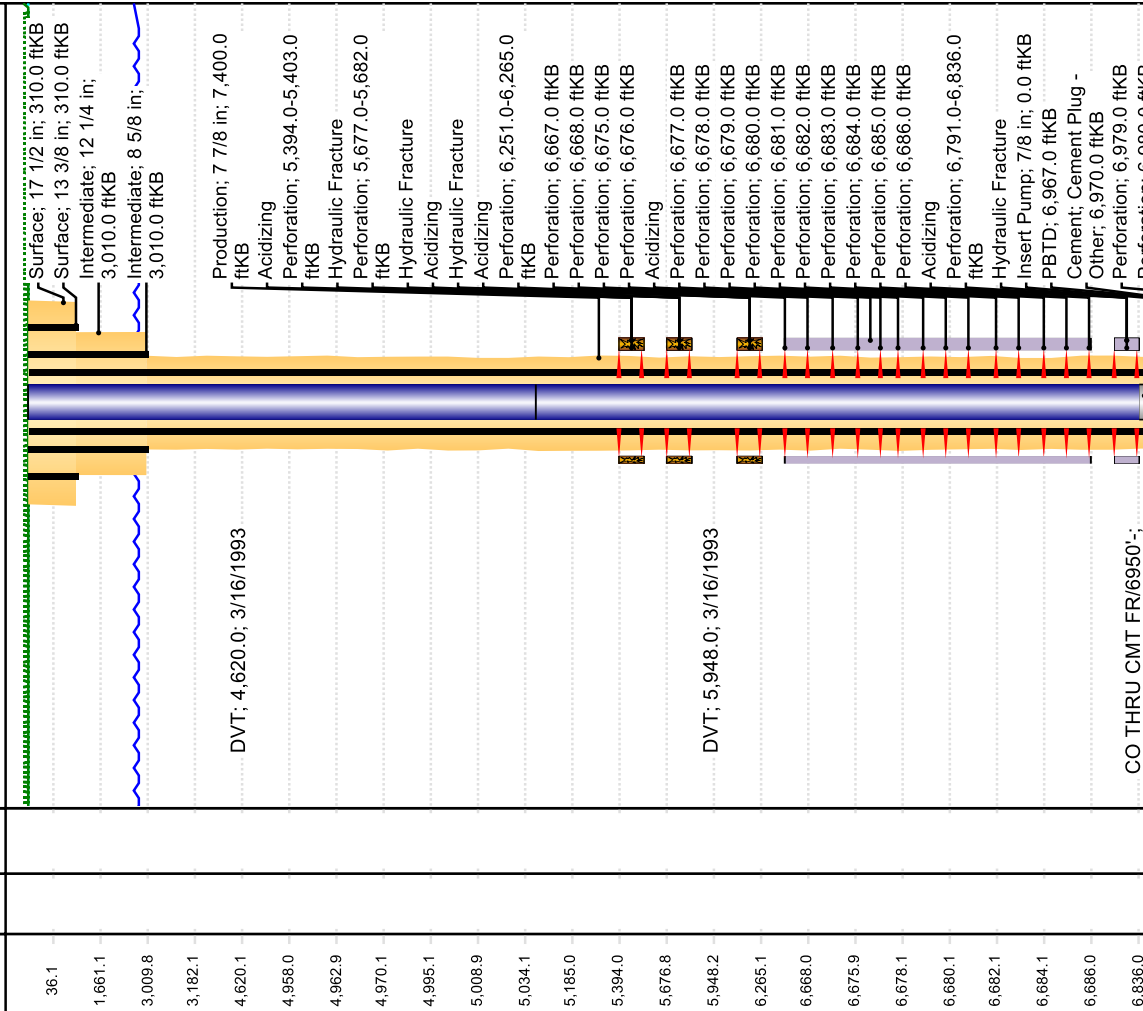
Well Name: NASH UNIT 013

API/UWI 3001527316	SAP Cost Center ID 1136451001	Permit Number	State/Province New Mexico	County Eddy
Surface Location T23S-R29E-S12		Spud Date 2/12/1993 00:00	Original KB Elevation (ft) 2,988.00	Ground Elevation (ft) 2,976.00

Perforations				
MD (ftKB)	TVD (ftKB)	Incl (°)	Date	Top (ftKB) Btm (ftKB)
36.1			3/1/1993	6,979.0 DE 6,979.0 DE
1,661.1			3/1/1993	6,980.0 DE 6,980.0 DE
3,009.8			3/1/1993	6,983.0 DE 6,983.0 DE
3,182.1			3/1/1993	6,986.0 DE 6,986.0 DE
4,620.1			3/1/1993	6,993.0 DE 6,993.0 DE
4,958.0			3/1/1993	6,994.0 DE 6,994.0 DE
4,962.9			3/1/1993	6,995.0 DE 6,995.0 DE
4,970.1			3/1/1993	6,996.0 DE 6,996.0 DE
4,995.1			3/1/1993	7,000.0 DE 7,000.0 DE
5,008.9			3/1/1993	7,003.0 DE 7,003.0 DE
5,034.1			3/1/1993	7,004.0 DE 7,004.0 DE
5,185.0			3/1/1993	7,007.0 DE 7,007.0 DE
5,394.0			3/1/1993	
5,676.8			3/1/1993	
5,948.2			3/1/1993	
6,265.1			3/1/1993	
6,668.0			3/1/1993	
6,675.9			3/1/1993	
6,678.1			3/1/1993	
6,680.1			3/1/1993	
6,682.1			3/1/1993	
6,684.1			3/1/1993	
6,686.0			3/1/1993	
6,836.0			3/1/1993	

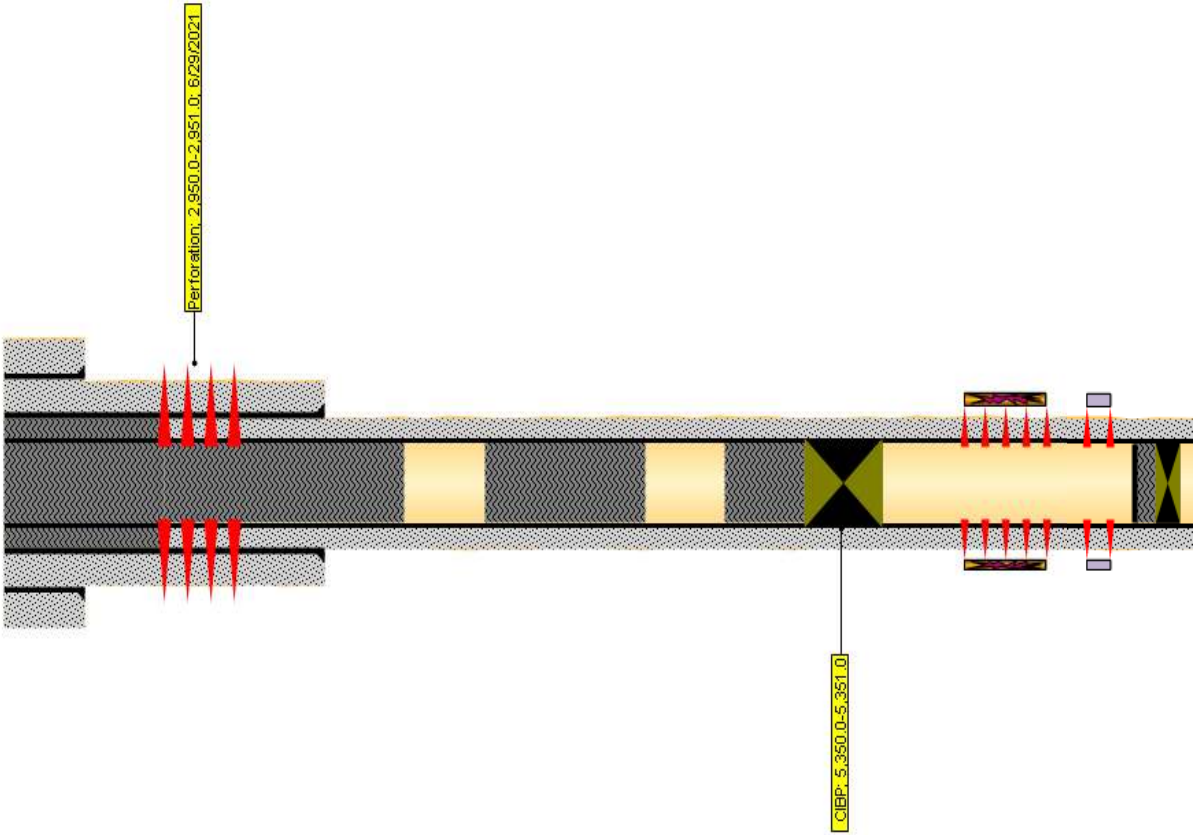
Stimulation Intervals				
Interval Number	Top (ftKB)	Btm (ftKB)	AIR (bbl/min)	
1				
1	6,791.0	6,836.0		
99	6,979.0	7,007.0		
99	6,791.0	6,836.0		
99	6,667.0	6,686.0		
1	6,251.0	6,265.0		
2	5,677.0	5,682.0		
3	5,394.0	5,403.0		
97	5,394.0	5,403.0		
98	5,677.0	5,682.0		
99	6,251.0	6,265.0		

Vertical schematic (actual)



Nash Unit 013 - Proposed WBD

Approval Subject to
General Requirements and
Special Stipulations
Attached



- 13-3/8" shoe 310'
- T/Salt 345'
- B/ Salt 2895'
- 5-1/2" TOC 2950'
- 8-5/8" shoe 3010'
- T/Delaware 3115'
- DV Tool 4620'
- Top Delaware Perf 5394'
- DV Tool 5948' (within perforated interval)
- Bottom Delaware Perf 6836'
- T/Bone Spring 6862'
- Existing CIBP 6970'
- Top Bone Spring Perf 6979'

Perf and squeeze 690 SKS Class C:
2950' to surface

Spot 25 SKS Class C: 3200' – 2950'

Spot 25 SKS Class C: 4670' – 4420'

Spot 25 SKS Class C atop CIBP: 5350' –
5100'. Tag and pressure test to 500
psig for 30 min.

Dump bail 35' Class C atop existing
CIBP set in 1993 at 6970'. Tag and
pressure test to 500 psig for 30
min.

Sundry ID

2691529

Plug Type	Top	Bottom	Length	Tag	Sacks	Notes
Surface Plug	0.00		0.00	Tag/Verify		
Shoe Plug	256.90	360.00	103.10	Tag/Verify		
Top of Salt @ 320	266.80	370.00	103.20	Tag/Verify		
Base of Salt @ 1510	1444.90	1560.00	115.10	Tag/Verify	690.00	Perf and squeeze from 2950' to surface. Verify at surface. (In/Out)
Shoe Plug	2929.90	3060.00	130.10	Tag/Verify		
Delaware @ 3113	3031.87	3163.00	131.13	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio	25.00	Spot cement from 3200' to 2950'. WOC and Tag.
DV tool plug	4523.80	4670.00	146.20	Tag/Verify	25.00	Spot cement from 4670' to 4523'. WOC and Tag.
CIBP Plug	5309.00	5344.00	35.00	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio	25.00	Set CIBP at 5344'. Leak Test CIBP. Spot 25 sxs on top.
Perforations Plug (If No CIBP)	5344.00	5732.00	388.00	Tag/Verify		
DV tool plug	5838.52	5998.00	159.48	Tag/Verify		
Perforations Plug (If No CIBP)	6152.35	6315.00	162.65	Tag/Verify		
Perforations Plug (If No CIBP)	6569.14	6736.00	166.86	Tag/Verify		
Perforations Plug (If No CIBP)	6717.64	6886.00	168.36	Tag/Verify		

				If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio		
Bonesprings @ 6862	6743.38	6912.00	168.62			
				If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio		
CIBP Plug	6935.00	6970.00	35.00		25.00	Tag CIBP at 6970'. Spot 25 sxs on top from 6970' to 6743'. WOC and Tag.
Shoe Plug	7276.00	7450.00	174.00	Tag/Verify		

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.

Class H >7500'

Class C <7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater

R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft³/sx

Class H: 1.06 ft³/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement		R111-P	50 Feet from Base of Salt to surface	
Shoe @		310.00		
Shoe @		3010.00		
Shoe @		7400.00	TOC @	2950.00
Perforatons Top @	6667.00		Perforations Bottom @	6686.00
Perforatons Top @	6791.00		Perforations Bottom @	6836.00
Perforatons Top @	6251.00		Perforations Bottom @	6265.00
Perforatons Top @	5394.00		Perforations Bottom @	5682.00
DV Tool @	5948.00		CIBP @	6970.00
DV Tool @	4620.00		CIBP @	5344.00

**BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972**

**Permanent Abandonment of Federal Wells
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds). A weep hole shall be left if a metal plate is welded in place.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines **(Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure)**. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. **This will apply to well pads, facilities, and access roads.** Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

- have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.
5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech/Environmental Protection Specialist
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Jose Martinez-Colon
Environmental Protection Specialist
575-234-5951

Mark Mattozzi
Environmental Protection Specialist
575-234-5713

Robert Duenas
Environmental Protection Specialist
575-234-2229

Trishia Bad Bear, Hobbs Field Station
Natural Resource Specialist
575-393-3612

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 146607

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 146607
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	10/4/2022