

Well Name: NASH UNIT	Well Location: T23S / R29E / SEC 13 / SWNW / 32.182671 / -103.563773	County or Parish/State: EDDY / NM
Well Number: 54Y	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0554221	Unit or CA Name: NASH DRAW - DELAWARE	Unit or CA Number: NMNM70992C
US Well Number: 3001542311	Operator: XTO ENERGY INCORPORATED	

Notice of Intent

Sundry ID: 2774851

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 02/13/2024	Time Sundry Submitted: 06:34
Date proposed operation will begin: 03/13/2024	

Procedure Description: XTO Energy Inc, respectfully requests approval for plug and abandonment of the above mentioned well. Please see the attached procedure with current and proposed WBDs for your review.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Nash_Unit_054Y_PA_Procedure_WBDs_Current_and_Proposed_20240305073329.pdf

Well Name: NASH UNIT	Well Location: T23S / R29E / SEC 13 / SWNW / 32.182671 / -103.563773	County or Parish/State: EDDY / NM
Well Number: 54Y	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0554221	Unit or CA Name: NASH DRAW - DELAWARE	Unit or CA Number: NMNM70992C
US Well Number: 3001542311	Operator: XTO ENERGY INCORPORATED	

Conditions of Approval

Specialist Review

2774581__Nash_Unit_54Y__PROCEDURE_AND_COA_20240513111925.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: SHERRY MORROW	Signed on: MAR 05, 2024 07:33 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: SHERRY.MORROW@EXXONMOBIL.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY	BLM POC Title: ENGINEER
BLM POC Phone: 5759884722	BLM POC Email Address: KIMMATTY@BLM.GOV
Disposition: Approved	Disposition Date: 05/13/2024
Signature: KEITH IMMATTY	

PLUG AND ABANDON WELLBORE
NASH UNIT 054Y
EDDY COUNTY, NEW MEXICO
Class II

MASIP	MAOP	MAWP	Surface Csg Yield
1,000 psi	1,000 psi	3,000 psi	1730 PSI

180' T/Salt
240' TOC per CBL
295' Surface Casing Shoe
2904' B/Salt
3107' Intermediate Casing Shoe 1
3128' T/Delaware
4000' T/Cherry Canyon
6000' KOP
7349' T/Perfs

SUMMARY: Plug and abandon wellbore according to BLM regulations.

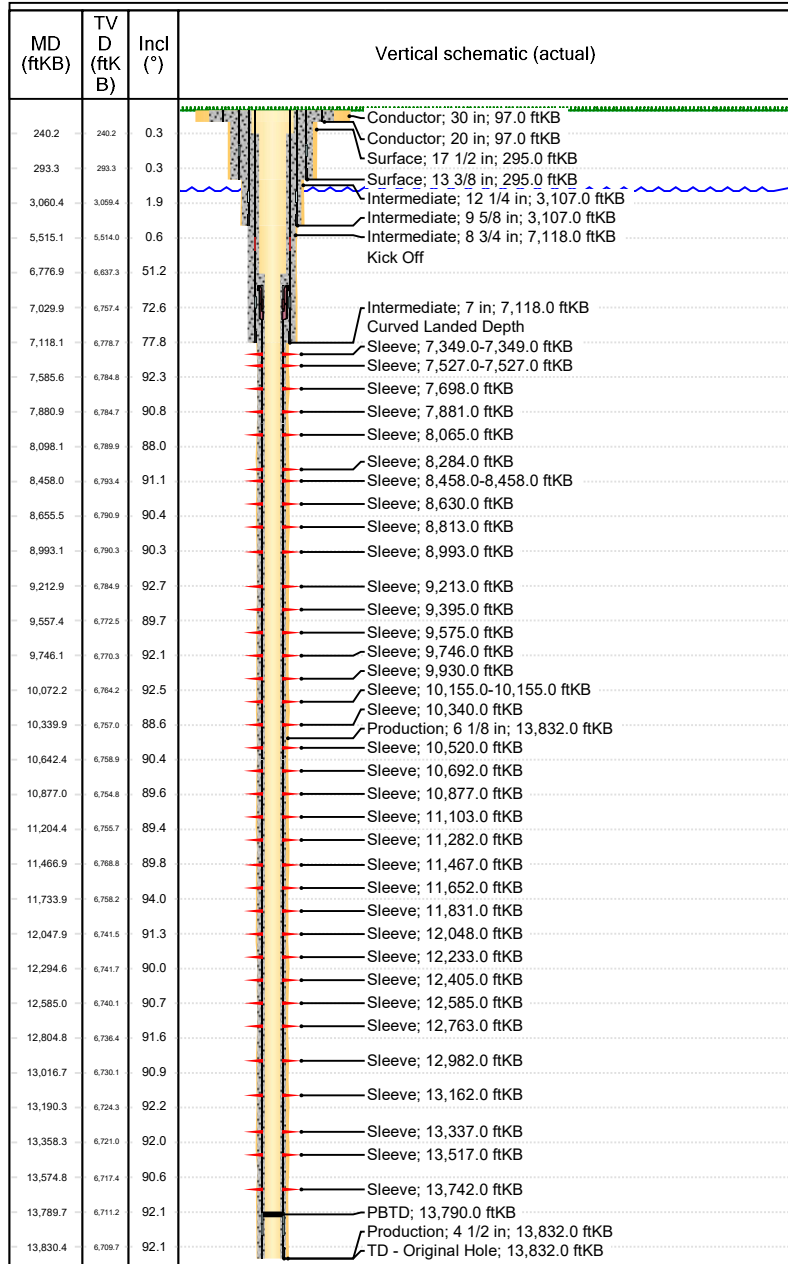
- 1) MIRU plugging company. Set open top steel pit for plugging.
- 2) POOH LD rods and pump.
- 3) ND WH and NU 3K manual BOP. Function test BOP.
- 4) MIRU WLU, RIH GR to 6,000'; RIH set CIBP at 5,950', pressure test to 500 PSI for 30 minutes; dump bail 35' Class C cement from 5,950' to 5,915'. WOC and tag to verify TOC. (T/ Perf)
- 5) MIRU WLU, run CBL from 5,900' to surface.
- 6) Perforate at 220' and establish circulation.
- 7) Spot 640 SKS Class C cement from 4,050' to 220'. TOOH and circulate down casing up annulus. WOC and tag to verify TOC. (T/Cherry Canyon, T/Delaware, Intermediate Casing Shoe 1, B/Salt, Surface Casing Shoe)
- 8) Circulate Class C cement from 220' to surface'. (~57 SKS)
- 9) ND BOP and cut off wellhead 5' below surface. RDMO PU, transport trucks, and pump truck.
- 10) Set P&A marker.
- 11) Pull fluid from steel tank and haul to disposal. Release steel tank.



Downhole Well Profile - with Schematic

Well Name: Nash Unit 054Y

API/UWI 3001542311	SAP Cost Center ID 1140751001	Permit Number BLM	State/Province New Mexico	County Eddy	Ground Elevation (ft) 2,985.00	KB-Ground Distance (ft) 17.00	Surface Casing Flange Elevatio...
Surface Location T23S-R29E-S13	Spud Date 4/12/2014 16:15	Original KB Elevation (ft) 3,002.00					



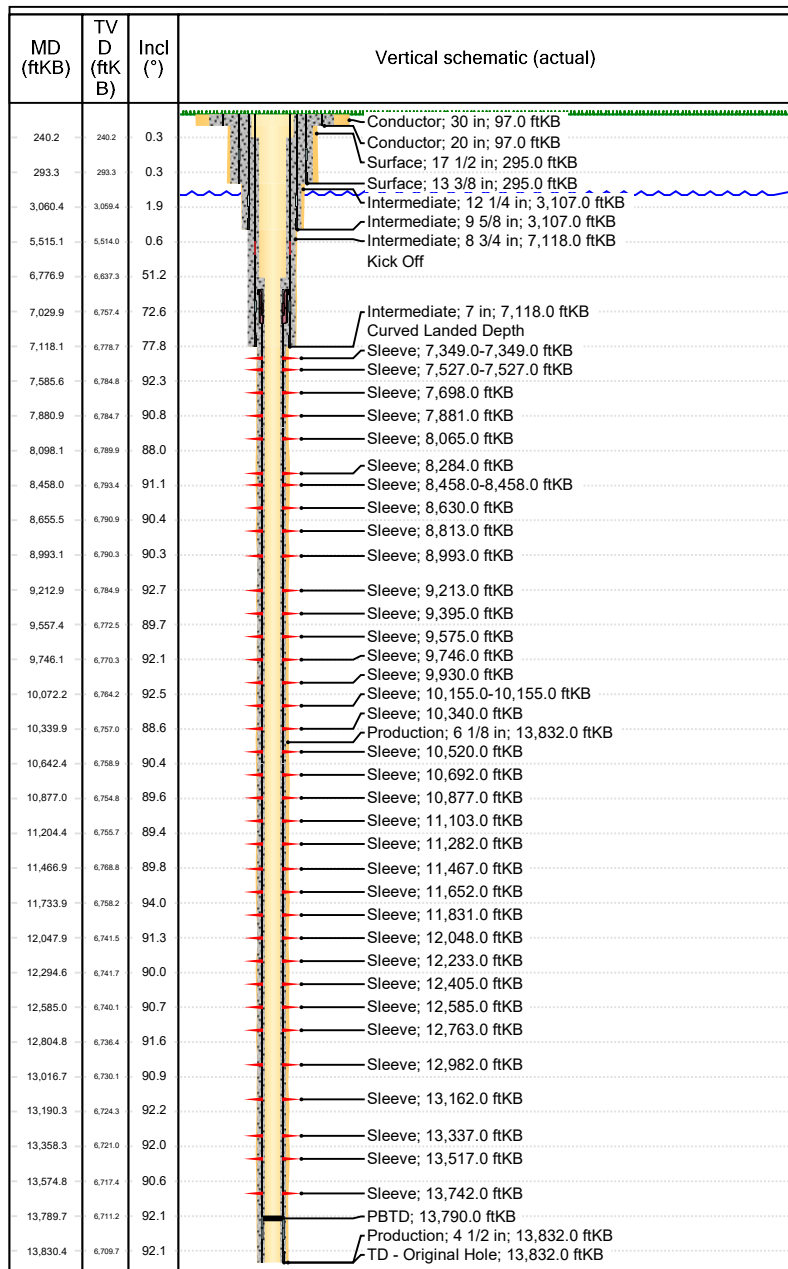
Wellbores				
Wellbore Name Original Hole		Parent Wellbore Original Hole		Wellbore API/UWI 3001542311
Start Depth (ftKB) 17.0			Profile Type Horizontal	
Section Des	Hole Sz (in)	Act Top (ftKB)		Act Btm (ftKB)
Conductor	30	17.0		97.0
Surface	17 1/2	97.0		295.0
Intermediate	12 1/4	295.0		3,107.0
Intermediate	8 3/4	3,107.0		7,118.0
Production	6 1/8	7,118.0		13,832.0
Zones				
Zone Name	Top (ftKB)	Btm (ftKB)		Current Status
BRUSHY CANYON				
DELAWARE				
Casing Strings				
Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade
Conductor	97.0	20	84.75	J-55
Surface	295.0	13 3/8	48.00	H-40
Intermediate	3,107.0	9 5/8	36.00	J-55
Intermediate	7,118.0	7	26.01	HCP110EB
Production	13,832.0	4 1/2	11.60	P-110
Cement				
Des	Type	Start Date	Top (ftKB)	Btm (ftKB)
Conductor Casing Cement	Casing	4/10/2014	17.0	97.0
Surface Casing Cement	Casing	4/13/2014	17.0	295.0
Intermediate Casing Cement	Casing	4/21/2014	17.0	3,107.0
Intermediate Casing Cement	Casing	4/30/2014	6,500.0	7,118.0
Intermediate Casing Cement	Casing	4/30/2014	240.0	6,500.0
Liner Casing Cement	Casing	5/23/2014	6,777.0	13,832.0
Other In Hole				
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
11/24/2009	Tight Spot		7,230.0	7,240.0
9/3/2014	ESP			
Perforations				
Date	Top (ftKB)	Btm (ftKB)	Linked Zone	
7/12/2014	7,349.0	7,349.0		
7/12/2014	7,527.0	7,527.0		
7/12/2014	7,698.0	7,698.0		
7/12/2014	7,881.0	7,881.0		
7/12/2014	8,065.0	8,065.0		
7/12/2014	8,284.0	8,284.0		
7/12/2014	8,458.0	8,458.0		
7/12/2014	8,630.0	8,630.0		
7/12/2014	8,813.0	8,813.0		
7/12/2014	8,993.0	8,993.0		



Downhole Well Profile - with Schematic

Well Name: Nash Unit 054Y

API/UWI 3001542311	SAP Cost Center ID 1140751001	Permit Number BLM	State/Province New Mexico	County Eddy	Ground Elevation (ft) 2,985.00	KB-Ground Distance (ft) 17.00	Surface Casing Flange Elevatio...
Surface Location T23S-R29E-S13	Spud Date 4/12/2014 16:15	Original KB Elevation (ft) 3,002.00					



Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
7/12/2014	9,213.0	9,213.0	
7/12/2014	9,395.0	9,395.0	
7/12/2014	9,575.0	9,575.0	
7/12/2014	9,746.0	9,746.0	
7/12/2014	9,930.0	9,930.0	
7/12/2014	10,155.0	10,155.0	
7/12/2014	10,340.0	10,340.0	
7/12/2014	10,520.0	10,520.0	
7/12/2014	10,692.0	10,692.0	
7/12/2014	10,877.0	10,877.0	
7/12/2014	11,103.0	11,103.0	
7/12/2014	11,282.0	11,282.0	
7/12/2014	11,467.0	11,467.0	
7/12/2014	11,652.0	11,652.0	
7/12/2014	11,831.0	11,831.0	
7/12/2014	12,048.0	12,048.0	
7/12/2014	12,233.0	12,233.0	
7/12/2014	12,405.0	12,405.0	
7/12/2014	12,585.0	12,585.0	
7/12/2014	12,763.0	12,763.0	
7/12/2014	12,982.0	12,982.0	
7/12/2014	13,162.0	13,162.0	
7/12/2014	13,337.0	13,337.0	
7/12/2014	13,517.0	13,517.0	
7/12/2014	13,742.0	13,742.0	

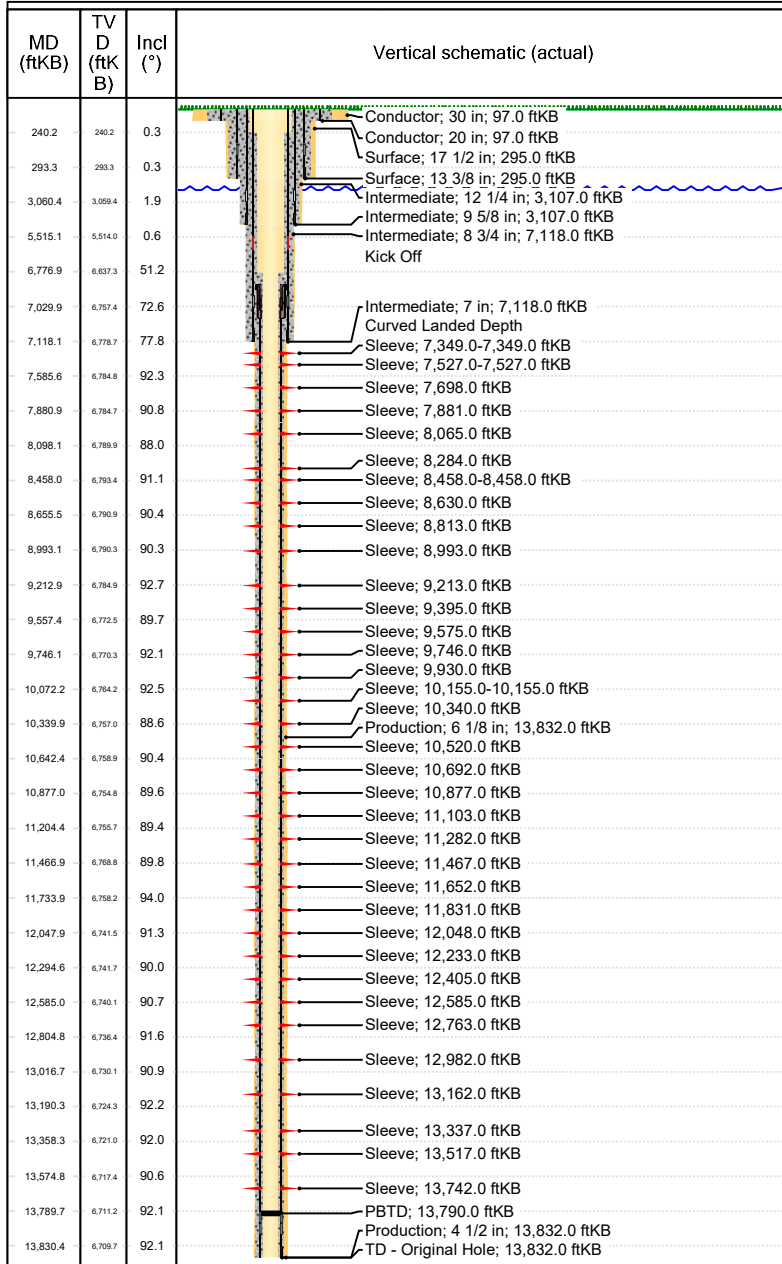
Stimulation Intervals					
Interval Number	Top (ftKB)	Btm (ftKB)	AIR (bbl/min)	MIR (bbl/min)	Proppant Total (lb)
1	13,742.0	13,742.0	42	42	100,136.0
2	13,517.0	13,517.0	42	42	98,986.0
3	13,337.0	13,337.0	42	42	100,338.0
4	13,162.0	13,162.0	42	42	101,879.0
5	12,982.0	12,982.0	42	42	100,977.0
6	12,763.0	12,763.0	42	42	99,782.0
7	12,585.0	12,585.0	42	42	100,649.0
8	12,405.0	12,405.0	42	42	99,838.0
9	12,233.0	12,233.0	42	42	100,109.0
10	12,048.0	12,048.0	42	42	100,289.0
11	11,831.0	11,831.0	42	42	105,000.0
12	11,652.0	11,652.0	42	42	99,918.0
13	11,467.0	11,467.0	42	42	99,984.0
14	11,282.0	11,282.0	42	42	100,009.0
15	11,103.0	11,103.0	42	42	100,101.0



Downhole Well Profile - with Schematic

Well Name: Nash Unit 054Y

API/UWI 3001542311	SAP Cost Center ID 1140751001	Permit Number BLM	State/Province New Mexico	County Eddy
Surface Location T23S-R29E-S13	Spud Date 4/12/2014 16:15	Original KB Elevation (ft) 3,002.00	Ground Elevation (ft) 2,985.00	KB-Ground Distance (ft) 17.00
Surface Casing Flange Elevatio...				



Stimulation Intervals					
Interval Number	Top (ftKB)	Btm (ftKB)	AIR (bbl/min)	MIR (bbl/min)	Proppant Total (lb)
16	10,877.0	10,877.0	42	42	100,072.0
17	10,692.0	10,692.0	42	42	100,000.0
18	10,520.0	10,520.0	42	42	100,000.0
19	10,340.0	10,340.0	42	42	49,000.0
20	10,155.0	10,155.0	42	42	100,000.0
21	9,930.0	9,930.0	42	42	101,000.0
22	9,746.0	9,746.0	42	42	101,000.0
23	9,575.0	9,575.0	42	42	102,753.0
24	9,395.0	9,395.0	42	42	101,459.0
25	9,213.0	9,213.0	42	42	99,613.0
26	8,993.0	8,993.0	42	42	100,944.0
27	8,813.0	8,813.0	42	42	101,090.0
28	8,630.0	8,630.0	42	42	99,011.0
29	8,458.0	8,458.0	42	42	99,456.0
30	8,284.0	8,284.0	42	42	96,247.0
31	8,065.0	8,065.0	42	42	94,000.0
32	7,881.0	7,881.0	42	42	96,000.0
33	7,698.0	7,698.0	42	42	96,000.0
34	7,527.0	7,527.0	42	42	76,000.0
35	7,349.0	7,349.0	42	42	81,000.0

PLUG AND ABANDON WELLBORE
NASH UNIT 054Y
EDDY COUNTY, NEW MEXICO
Class II

MASIP	MAOP	MAWP	Surface Csg Yield
1,000 psi	1,000 psi	3,000 psi	1730 PSI

180' T/Salt
240' TOC per CBL
295' Surface Casing Shoe
2904' B/Salt
3107' Intermediate Casing Shoe 1
3128' T/Delaware
4000' T/Cherry Canyon
6000' KOP
7349' T/Perfs

SUMMARY: Plug and abandon wellbore according to BLM regulations.

- 1) MIRU plugging company. Set open top steel pit for plugging.
- 2) POOH LD rods and pump.
- 3) ND WH and NU 3K manual BOP. Function test BOP.
- 4) MIRU WLU, RIH GR to 6,000'; RIH set CIBP at 5,950', pressure test to 500 PSI for 30 minutes; dump bail 35' Class C cement from 5,950' to 5,915'. WOC and tag to verify TOC. (T/ Perf)
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- 6) Perforate at 220' and establish circulation.
- 7) Spot 640 SKS Class C cement from 4,050' to 220'. TOOH and circulate down casing up annulus. WOC and tag to verify TOC. (T/Cherry Canyon, T/Delaware, Intermediate Casing Shoe 1, B/Salt, Surface Casing Shoe)
- 8) Circulate Class C cement from 220' to surface'. (~57 SKS)
- 9) ND BOP and cut off wellhead 5' below surface. RDMO PU, transport trucks, and pump truck.
- 10) Set P&A marker.
- 11) Pull fluid from steel tank and haul to disposal. Release steel tank.

Procedure OK as proposed

KEITH IMMATTY

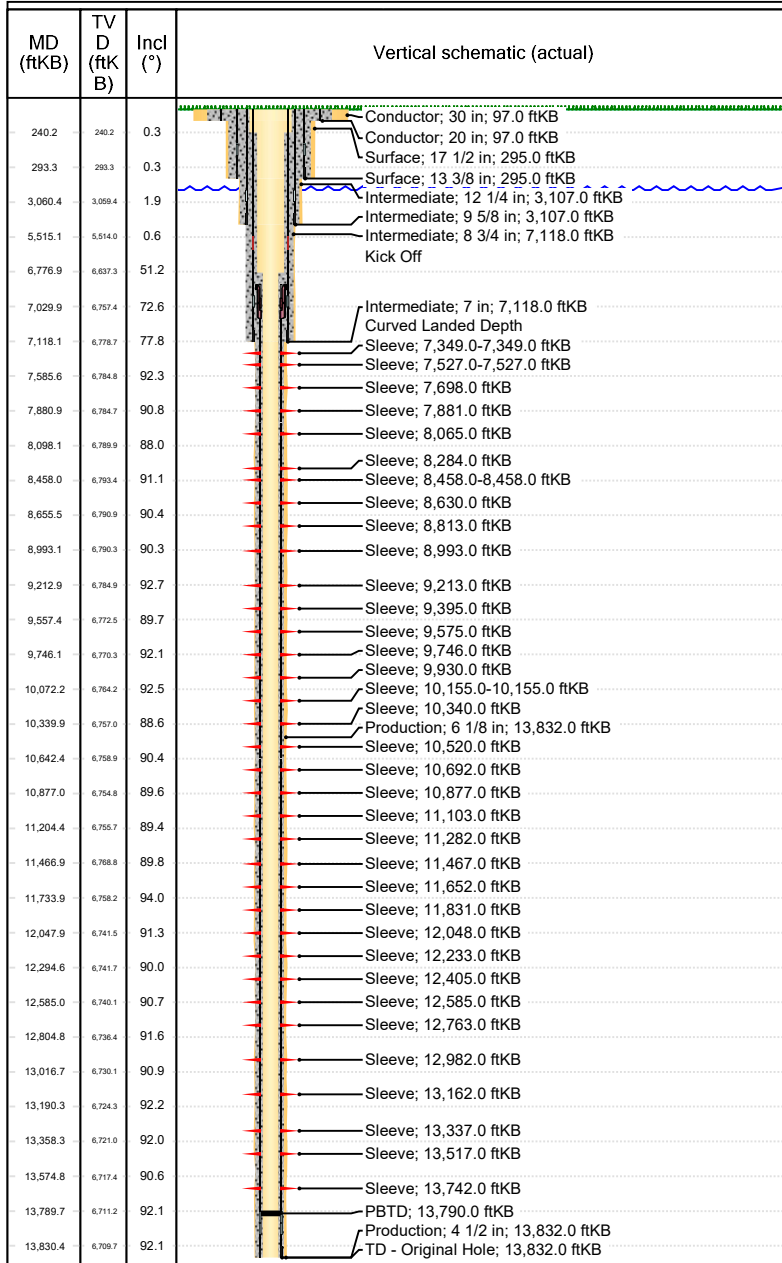
Digitally signed by KEITH IMMATTY
Date: 2024.05.13 11:18:45 -06'00'



Downhole Well Profile - with Schematic

Well Name: Nash Unit 054Y

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Surface Location T23S-R29E-S13	Spud Date 4/12/2014 16:15	Original KB Elevation (ft) 3,002.00					



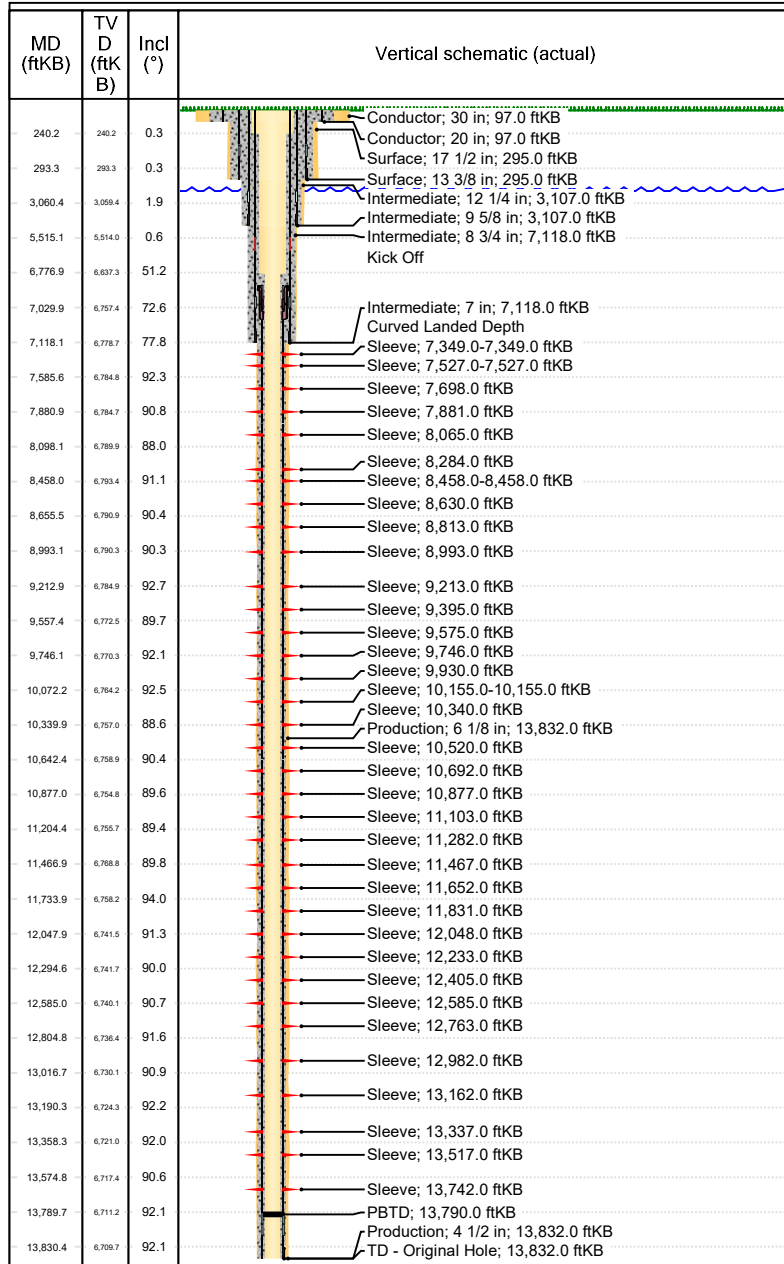
Wellbores				
Wellbore Name Original Hole		Parent Wellbore Original Hole		Wellbore API/UWI 3001542311
Start Depth (ftKB) 17.0			Profile Type Horizontal	
Section Des	Hole Sz (in)	Act Top (ftKB)		Act Btm (ftKB)
Conductor	30	17.0		97.0
Surface	17 1/2	97.0		295.0
Intermediate	12 1/4	295.0		3,107.0
Intermediate	8 3/4	3,107.0		7,118.0
Production	6 1/8	7,118.0		13,832.0
Zones				
Zone Name	Top (ftKB)	Btm (ftKB)		Current Status
BRUSHY CANYON				
DELAWARE				
Casing Strings				
Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade
Conductor	97.0	20	84.75	J-55
Surface	295.0	13 3/8	48.00	H-40
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Intermediate	7,118.0	7	26.01	HCP110EB
Production	13,832.0	4 1/2	11.60	P-110
Cement				
Des	Type	Start Date	Top (ftKB)	Btm (ftKB)
Conductor Casing Cement	Casing	4/10/2014	17.0	97.0
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Intermediate Casing Cement	Casing	4/30/2014	6,500.0	7,118.0
Intermediate Casing Cement	Casing	4/30/2014	240.0	6,500.0
Liner Casing Cement	Casing	5/23/2014	6,777.0	13,832.0
Other In Hole				
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
11/24/2009	Tight Spot		7,230.0	7,240.0
9/3/2014	ESP			
Perforations				
Date	Top (ftKB)	Btm (ftKB)	Linked Zone	
7/12/2014	7,349.0	7,349.0		
7/12/2014	7,527.0	7,527.0		
7/12/2014	7,698.0	7,698.0		
7/12/2014	7,881.0	7,881.0		
7/12/2014	8,065.0	8,065.0		
7/12/2014	8,284.0	8,284.0		
7/12/2014	8,458.0	8,458.0		
7/12/2014	8,630.0	8,630.0		
7/12/2014	8,813.0	8,813.0		
7/12/2014	8,993.0	8,993.0		



Downhole Well Profile - with Schematic

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Surface Location T23S-R29E-S13	Spud Date 4/12/2014 16:15	Original KB Elevation (ft) 3,002.00					



Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
7/12/2014	9,213.0	9,213.0	
7/12/2014	9,395.0	9,395.0	
7/12/2014	9,575.0	9,575.0	
7/12/2014	9,746.0	9,746.0	
7/12/2014	9,930.0	9,930.0	
7/12/2014	10,155.0	10,155.0	
7/12/2014	10,340.0	10,340.0	
7/12/2014	10,520.0	10,520.0	
7/12/2014	10,692.0	10,692.0	
7/12/2014	10,877.0	10,877.0	
7/12/2014	11,103.0	11,103.0	
7/12/2014	11,282.0	11,282.0	
7/12/2014	11,467.0	11,467.0	
7/12/2014	11,652.0	11,652.0	
7/12/2014	11,831.0	11,831.0	
7/12/2014	12,048.0	12,048.0	
7/12/2014	12,233.0	12,233.0	
7/12/2014	12,405.0	12,405.0	
7/12/2014	12,585.0	12,585.0	
7/12/2014	12,763.0	12,763.0	
7/12/2014	12,982.0	12,982.0	
7/12/2014	13,162.0	13,162.0	
7/12/2014	13,337.0	13,337.0	
7/12/2014	13,517.0	13,517.0	
7/12/2014	13,742.0	13,742.0	

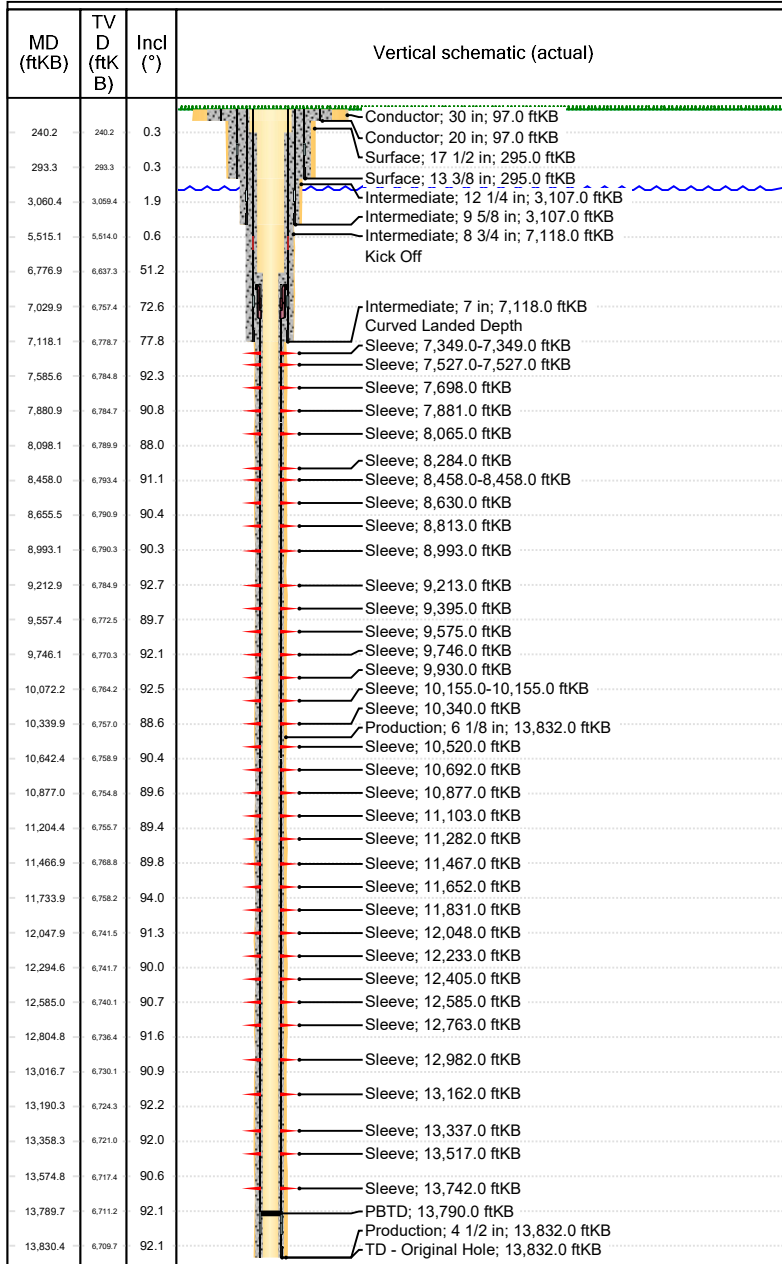
Stimulation Intervals					
Interval Number	Top (ftKB)	Btm (ftKB)	AIR (bbl/min)	MIR (bbl/min)	Proppant Total (lb)
1	13,742.0	13,742.0	42	42	100,136.0
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3	13,337.0	13,337.0	42	42	100,338.0
4	13,162.0	13,162.0	42	42	101,879.0
5	12,982.0	12,982.0	42	42	100,977.0
6	12,763.0	12,763.0	42	42	99,782.0
7	12,585.0	12,585.0	42	42	100,649.0
8	12,405.0	12,405.0	42	42	99,838.0
9	12,233.0	12,233.0	42	42	100,109.0
10	12,048.0	12,048.0	42	42	100,289.0
11	11,831.0	11,831.0	42	42	105,000.0
12	11,652.0	11,652.0	42	42	99,918.0
13	11,467.0	11,467.0	42	42	99,984.0
14	11,282.0	11,282.0	42	42	100,009.0
15	11,103.0	11,103.0	42	42	100,101.0



Downhole Well Profile - with Schematic

Well Name: Nash Unit 054Y

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Surface Location T23S-R29E-S13	Spud Date 4/12/2014 16:15	Original KB Elevation (ft) 3,002.00					



Stimulation Intervals					
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16	10,877.0	10,877.0	42	42	100,072.0
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18	10,520.0	10,520.0	42	42	100,000.0
19	10,340.0	10,340.0	42	42	49,000.0
20	10,155.0	10,155.0	42	42	100,000.0
21	9,930.0	9,930.0	42	42	101,000.0
22	9,746.0	9,746.0	42	42	101,000.0
23	9,575.0	9,575.0	42	42	102,753.0
24	9,395.0	9,395.0	42	42	101,459.0
25	9,213.0	9,213.0	42	42	99,613.0
26	8,993.0	8,993.0	42	42	100,944.0
27	8,813.0	8,813.0	42	42	101,090.0
28	8,630.0	8,630.0	42	42	99,011.0
29	8,458.0	8,458.0	42	42	99,456.0
30	8,284.0	8,284.0	42	42	96,247.0
31	8,065.0	8,065.0	42	42	94,000.0
32	7,881.0	7,881.0	42	42	96,000.0
33	7,698.0	7,698.0	42	42	96,000.0
34	7,527.0	7,527.0	42	42	76,000.0
35	7,349.0	7,349.0	42	42	81,000.0

NASH UNIT 054Y - Proposed WBD

180' T/Salt

240' TOC per CBL

295' Surface Casing Shoe

2904' B/Salt

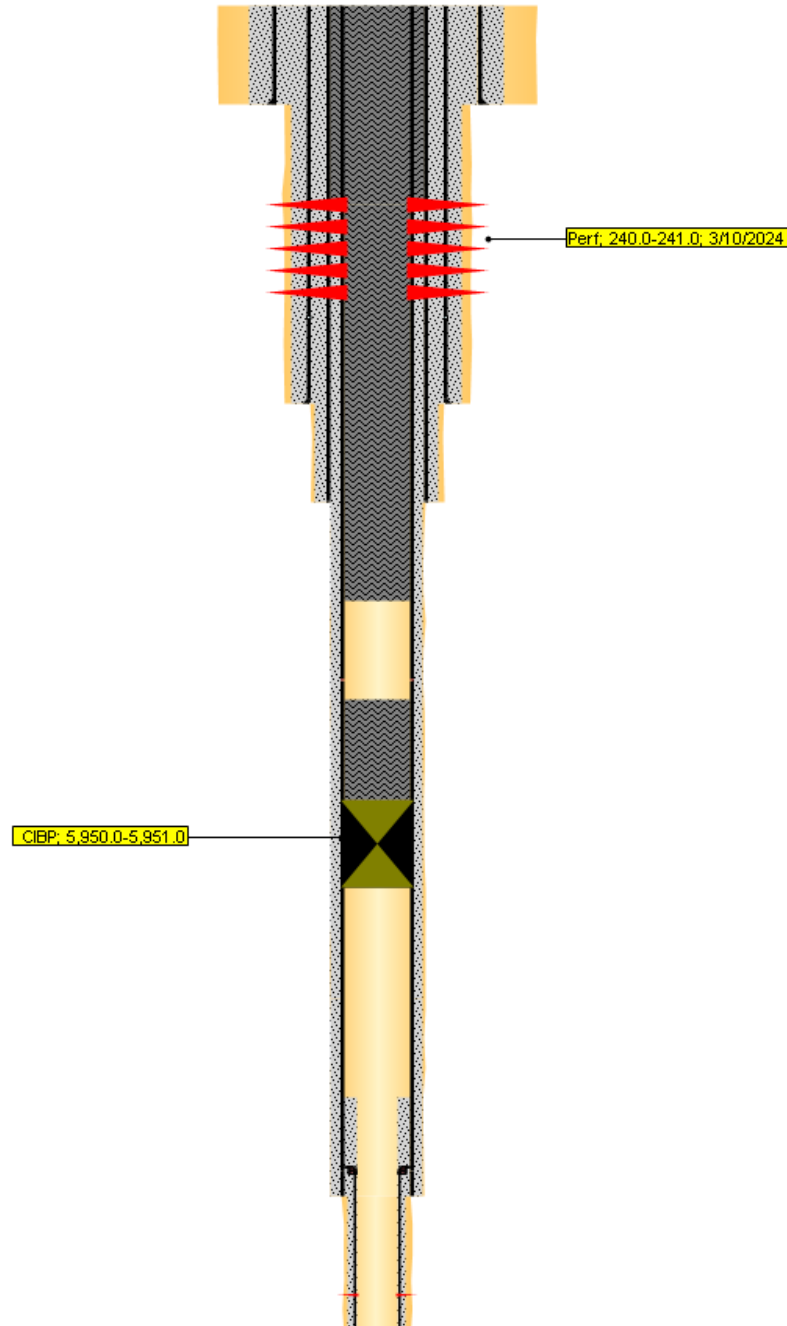
3107' Intermediate Casing
Shoe 1

3128' T/Delaware

4000' T/Cherry Canyon

6000' KOP

7349' T/Perfs

Perf and circulate from 220'
to surface.Spot 624 SKS Class C from
4,050' to 220'. WOC and Tag.Dump bail 35' Class C atop
CIBP from 5,950' to 5,915'.
PT CIBP to 500 PSIG for 30
min. WOC and Tag.

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 344543

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 344543
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	CBL must be submitted to OCD via OCD Permitting before submitting C-103P	5/24/2024