U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

05/20/2024

Well Name: BIG EDDY UNIT

Well Location: T22S / R28E / SEC 5 / NWSW / 32.419184 / -104.116044

County or Parish/State: EDDY / NM

Well Number: 213

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMLC060613

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001536293

Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2776424

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 02/22/2024

Time Sundry Submitted: 03:51

Date proposed operation will begin: 03/22/2024

Procedure Description: XTO Permian Operating LLC, respectfully requests approval for plug and abandonment of the above mentioned well. Please see the attached procedure with current and proposed WBD's for your review.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Big_Eddy_Unit_213_PA_Procedure_WBDs_Current_and_Proposed_20240305072343.pdf

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Operator: XTO PERMIAN OPERATING LLC

Conditions of Approval

Specialist Review

Big_Eddy_Unit_213__COA_20240520104800.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 07:24 AM

Name: XTO PERMIAN OPERATING LLC

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: ZOTA M STEVENS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345998

BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition: Approved

Disposition Date: 05/20/2024

Signature: Zota Stevens

PLUG AND ABANDON WELLBORE
BIG EDDY UNIT 213
EDDY COUNTY, NEW MEXICO
Class II

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

429' Surface Casing Shoe
2550' TOC by CBL
2414' T/Delaware
3351' T/Cherry Canyon
4425' T/Brushy Canyon
5859' T/Bone Spring
6049' Intermediate Casing Shoe
8669' DV Tool
9306' T/Wolfcamp
10781' T/Strawn
11202' T/Atoka
11730' 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) POOH tbg.

5) MIRU WLU, RIH GR to 11,700'; RIH set CIBP at 11,650', pressure test to 500 PSI for 30 minutes; spot 118 SKS **Class H** cement from 11,650' to 10,650'. WOC and tag to verify TOC. (T/ Perf, T/Atoka, T/Strawn)

6) Circulate with packer fluid.

7) Swab well down to a Fluid Level of 3800'.

8) MIRU WLU, perf 6 SPF from 10,495' -10,520'.

9) MIRU SLU, set tandem pressure gauges at 10,500'.

10) Pull after 3 weeks.

11) MIRU WLU, RIH GR to 10,480′; RIH set CIBP at 10,450′; pressure test to 500 PSI for 30 minutes; spot 160 SKS **Class H** cement from 10,450′ to 9,200′. Pull tubing up to 9,200′ and reverse circulate well clean. WOC and tag to verify TOC. (T/Wolfcamp)

12) MIRU WLU, perf 6 SPF from 9,137′ – 9,162′.

13) MIRU SLU, set tandem pressure gauges at 9,150′.

14) Pull after 3 weeks.

15) MIRU WLU, RIH GR to 9,120′; RIH set CIBP at 9,100′; pressure test to 500 PSI for 30 minutes; spot 75 SKS **Class H** cement from 9,100′ to 8,500′. WOC and tag to verify TOC. (DV Tool)

16) Spot 33 SKS Class C cement from 6,100′ to 5,750′. WOC and tag to verify TOC. (T/Bone Spring, Intermediate Casing Shoe)

17) MIRU wireline and run CBL from 5,700′ to surface. Perf at TOC and establish circulation.

18) RIH w/tubing and spot 200 SKS Class C from 4,550′ to TOC (estimated 2,550′). Pull tubing to 2,000′ and circulate perfs clean. WOC and Tag TOC. (T/Cherry Canyon, T/Brushy Canyon)

19) RIH packer and set at 2,300′. Squeeze 25 SKS class C cement from 2,550′ to 2,450′. WOC and tag to verify TOC. (T/Delaware)

20) MIRU WLU, perforate at 500′.

21) Circulate Class C cement from 500′ to surface. (~143 SKS) (Surface Casing Shoe)

22) ND BOP and cut off wellhead 5′ below surface. RDMO PU, transport trucks, and pump truck.

23) Set P&A marker.

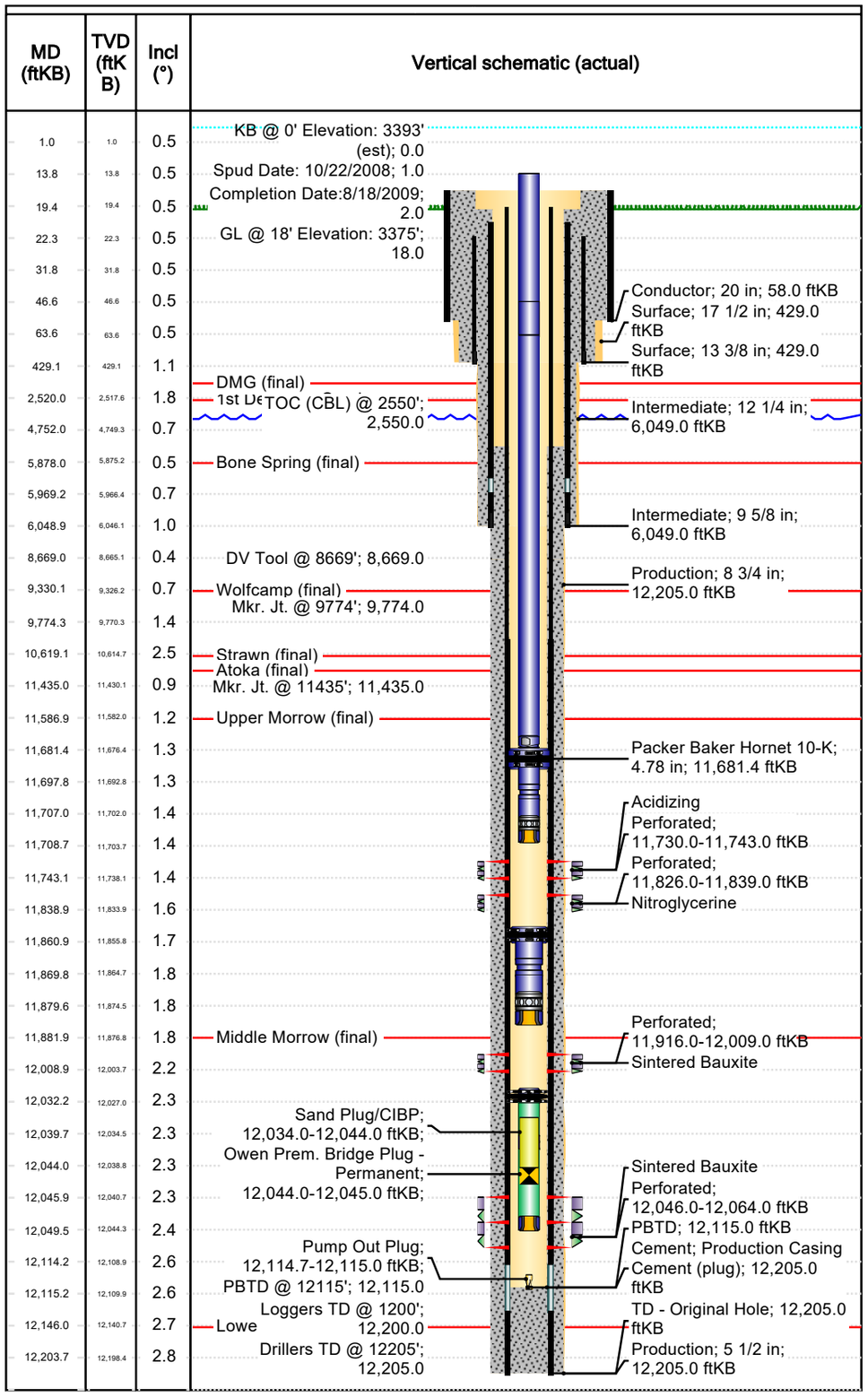
24) Pull fluid from steel tank and haul to disposal. Release steel tank.

Downhole Well Profile - with Schematic

Well Name: Big Eddy Unit 213

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County
3001536293	1138771001		New Mexico	Eddy

Surface Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Surface Casing Flange Elevation (ft)
T22S-R28E-S05	10/22/2008 09:00	3,155.80	3,136.30	19.50	



Wellbores

Wellbore Name	Parent Wellbore	Wellbore API/UWI
Original Hole	Original Hole	3001536293

Start Depth (ftKB)	Profile Type
	Vertical

Section Des	Hole Sz (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface	17 1/2	18.0	429.0
Intermediate	12 1/4	429.0	6,049.0
Production	8 3/4	6,049.0	12,205.0

Zones

Zone Name	Top (ftKB)	Btm (ftKB)	Current Status
Middle Morrow			
Upper Morrow			

Casing Strings

Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade
Conductor	58.0	20	94.00	H-40
Surface	429.0	13 3/8	48.00	H-40
Intermediate	6,049.0	9 5/8	40.00	HCP-110
Production	12,205.0	5 1/2	17.00	HCP-110

Cement

Des	Type	Start Date	Top (ftKB)	Btm (ftKB)
Surface Casing Cement	Casing	10/23/2008	18.0	429.0
Intermediate Casing Cement	Casing	11/3/2008	19.5	6,049.0
Production Casing Cement	Casing	11/29/2008	8,669.0	12,205.0
Production Casing Cement	Casing	11/29/2008	5,749.0	8,669.0

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing - Production	10/5/2010	11,708.5

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
2-3/8" 4.7 ppf L-80 8RD Tubing	2 3/8	4.70	L-80	1	32.62	13.8	46.5
2-3/8" tbg subs (3,6,& 8')	2 3/8	4.70	N-80	3	17.26	46.5	63.7
2-3/8" 4.7 ppf L-80 8RD Tubing	2 3/8	4.70	L-80	357	11,616.06	63.7	11,679.8
J Latch w/ 1.875" "BX"	2 3/8	4.70	L-80	1	1.57	11,679.8	11,681.4
Packer Baker Hornet 10-K	4.778			1	8.55	11,681.4	11,689.9
2-3/8" 4.7# P-110 Tubing Sub	2 3/8	4.70	P-110	1	8.05	11,689.9	11,698.0
Profile Landing Nipple 1.875 BX	2 3/8			1	0.95	11,698.0	11,698.9
2-3/8" 4.7# L-80 Tubing Sub	2 3/8	4.70	L-80	1	8.11	11,698.9	11,707.0
Ceramic disc sub	2 3/8			1	1.19	11,707.0	11,708.2
Wireline Guide	2 3/8			1	0.33	11,708.2	11,708.5

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
8/22/2009	Pump Out Plug	1/2	12,114.7	12,115.0
1/8/2010	Owen Prem. Bridge Plug - Permanent	2	12,044.0	12,045.0
1/8/2010	Sand Plug/CIBP	2	12,034.0	12,044.0

Downhole Well Profile - with Schematic

Well Name: Big Eddy Unit 213

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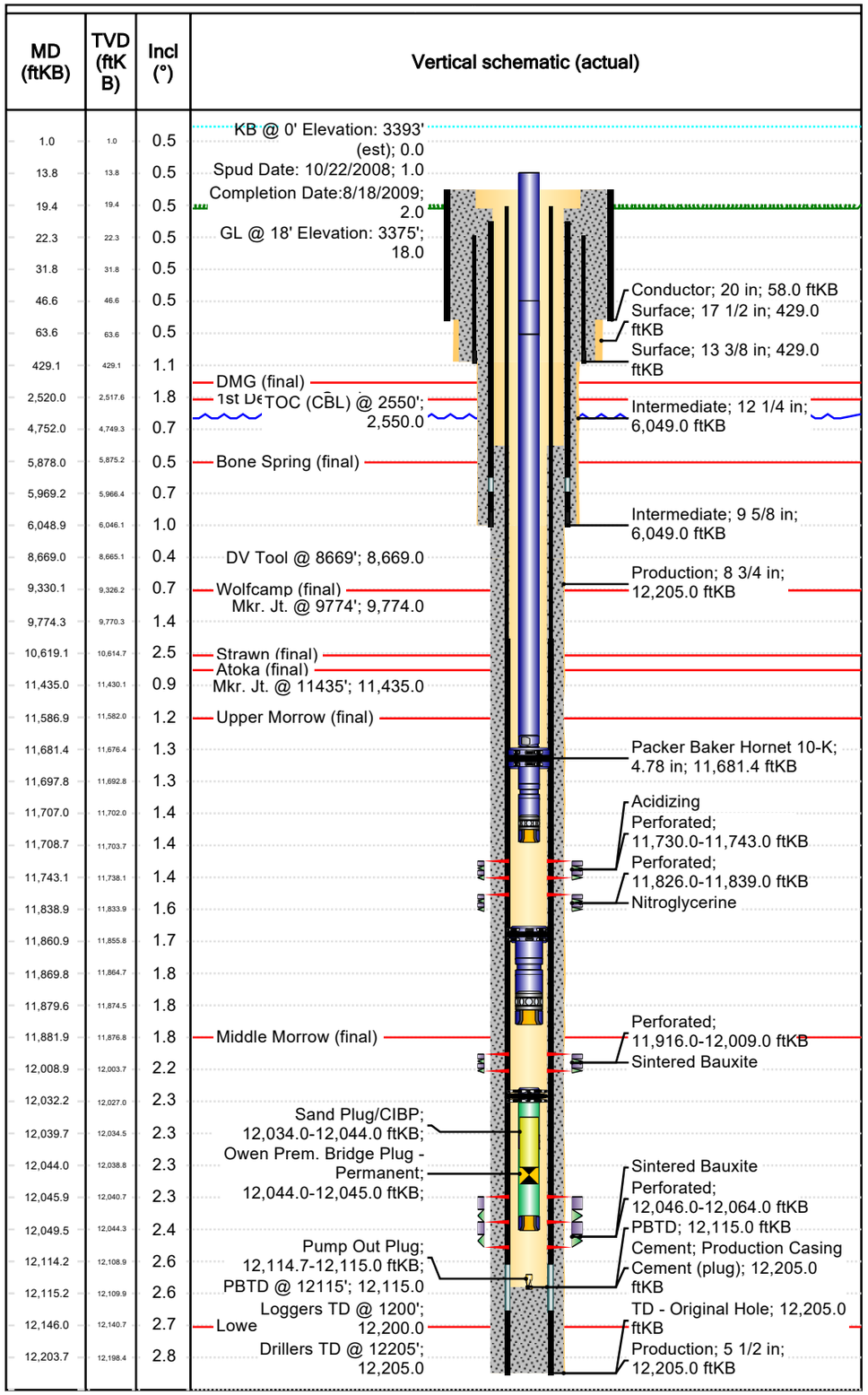

MD (ftKB)	TVD (ftKB)	Incl (°)
1.0	1.0	0.5
13.8	13.8	0.5
19.4	19.4	0.5
22.3	22.3	0.5
31.8	31.8	0.5
46.6	46.6	0.5
63.6	63.6	0.5
429.1	429.1	1.1
2,520.0	2,517.6	1.8
4,752.0	4,749.3	0.7
5,878.0	5,875.2	0.5
5,969.2	5,966.4	0.7
6,048.9	6,046.1	1.0
8,669.0	8,665.1	0.4
9,330.1	9,326.2	0.7
9,774.3	9,770.3	1.4
10,619.1	10,614.7	2.5
11,435.0	11,430.1	0.9
11,586.9	11,582.0	1.2
11,681.4	11,676.4	1.3
11,697.8	11,692.8	1.3
11,707.0	11,702.0	1.4
11,708.7	11,703.7	1.4
11,743.1	11,738.1	1.4
11,838.9	11,833.9	1.6
11,860.9	11,855.8	1.7
11,869.8	11,864.7	1.8
11,879.6	11,874.5	1.8
11,881.9	11,876.8	1.8
12,008.9	12,003.7	2.2
12,032.2	12,027.0	2.3
12,039.7	12,034.5	2.3
12,044.0	12,038.8	2.3
12,045.9	12,040.7	2.3
12,049.5	12,044.3	2.4
12,114.2	12,108.9	2.6
12,115.2	12,109.9	2.6
12,146.0	12,140.7	2.7
12,203.7	12,198.4	2.8

Perforations

Date	Top (ftKB)	Btm (ftKB)	Linked Zone
9/22/2010	11,730.0	11,743.0	
9/11/2010	11,826.0	11,839.0	
1/13/2010	11,916.0	12,009.0	
6/4/2009	12,046.0	12,064.0	

Stimulation Intervals

Interval Number	Top (ftKB)	Btm (ftKB)	AIR (bbl/min)	MIR (bbl/min)	Proppant Total (lb)
1	12,046.0	12,064.0			0.0
1	11,916.0	12,009.0			0.0
1	11,826.0	11,839.0			0.0
1	11,730.0	11,743.0			0.0

BEU 213 - Proposed WBD

429’ Surface Casing Shoe

2550’ TOC by CBL

2414’ T/Delaware

3351’ T/Cherry Canyon

4425’ T/Brushy Canyon

5859’ T/Bone Spring

6049’ Intermediate Casing Shoe

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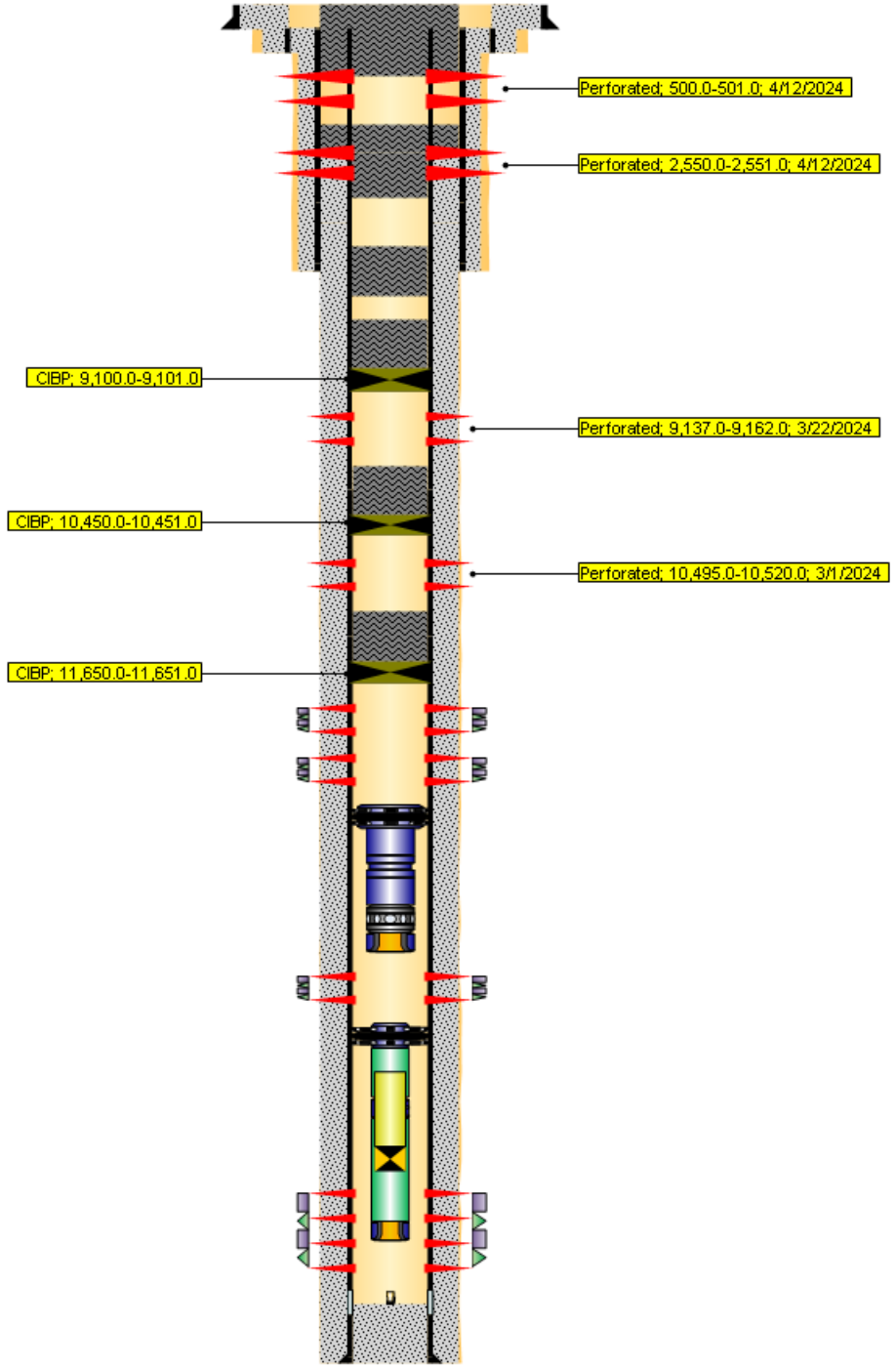

Perf and circulate 500’ to surface.

Perf & squeeze 25 SKS Class C from 2,550’ to 2,450’. WOC & Tag.

Spot 200 SKS Class C from 4,550’ to 2,550’ (TOC). WOC and Tag.

Spot 33 SKS Class C from 6,100’ to 5,750’. WOC and Tag.

Spot 75 SKS **Class H** atop CIBP from 9,100’ to 8,500’. PT CIBP to 500 PSIG for 30 min. WOC and Tag.

Spot 160 SKS **Class H** atop CIBP from 10,450’ to 9,200’. PT CIBP to 500 PSIG for 30 min. WOC and Tag.

Spot 118 SKS **Class H** atop CIBP from 11,650’ to 10,650’. PT CIBP to 500 PSIG for 30 min. WOC and Tag.

PLUG AND ABANDON WELLBORE
BIG EDDY UNIT 213
EDDY COUNTY, NEW MEXICO
Class II

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21) Circulate Class C cement from 500′ to surface. (~143 SKS) (Surface Casing Shoe)

22) ND BOP and cut off wellhead 5′ below surface. RDMO PU, transport trucks, and pump truck.

23) Set P&A marker.

24) Pull fluid from steel tank and haul to disposal. Release steel tank.

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 **fresh** 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 for Class C or accelerated cement (calcium chloride) and 6 hours for Class H. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

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.

Fluid used to mix the cement in R111Q shall be saturated with the salts common to the section penetrated, and in suitable proportions but not less than 1% and not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

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 *BY PHONE* (numbers listed in 2. Notifications) 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
Carlsbad Field Office
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
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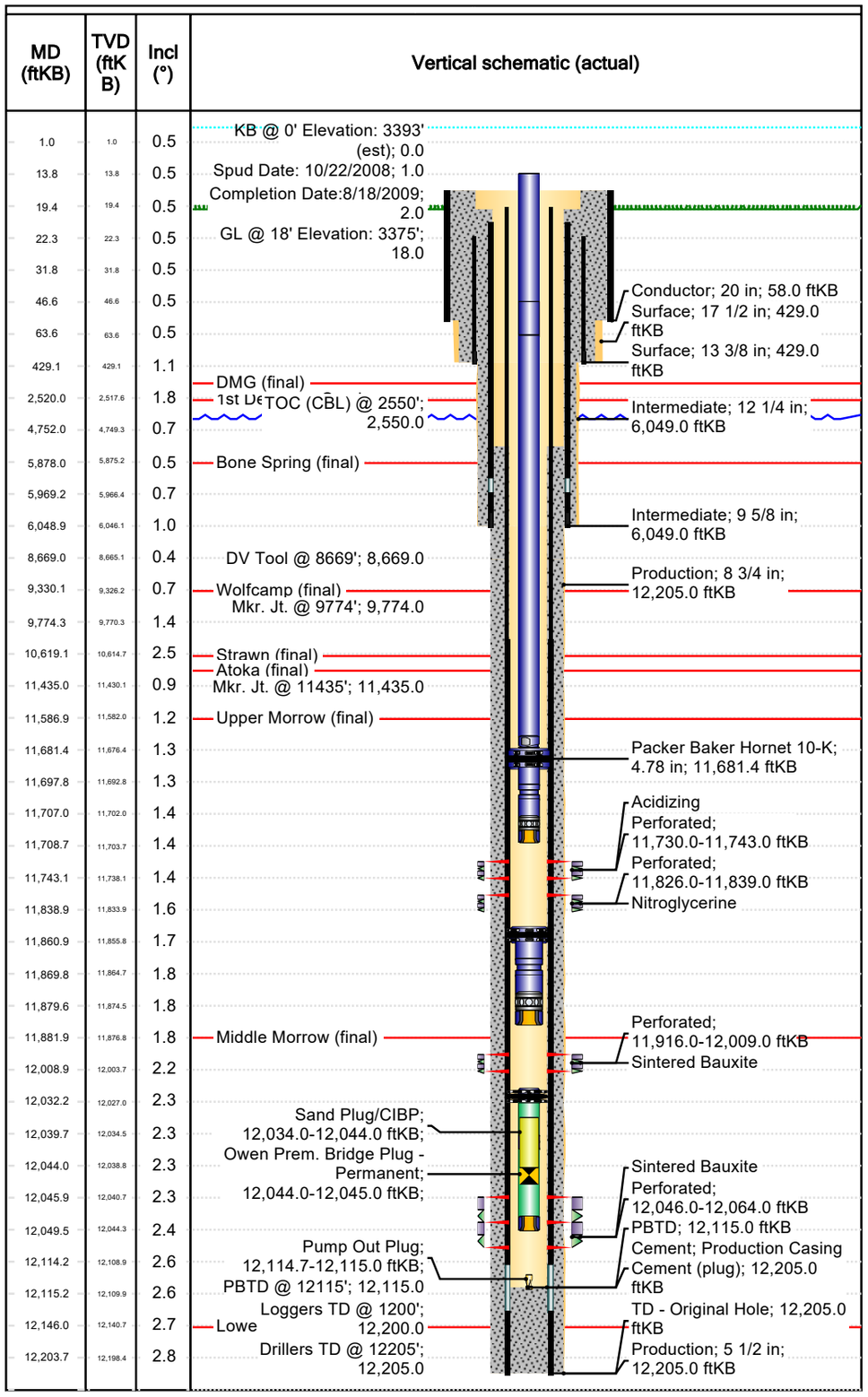
Environmental Protection Asst. (Intern)
575-234-6252

Downhole Well Profile - with Schematic

Well Name: Big Eddy Unit 213

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County
3001536293	1138771001		New Mexico	Eddy

Surface Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Surface Casing Flange Elevation (ft)
T22S-R28E-S05	10/22/2008 09:00	3,155.80	3,136.30	19.50	



Wellbores

Wellbore Name	Parent Wellbore	Wellbore API/UWI
Original Hole	Original Hole	3001536293

Start Depth (ftKB)	Profile Type
	Vertical

Section Des	Hole Sz (in)	Act Top (ftKB)	Act Btm (ftKB)
Surface	17 1/2	18.0	429.0
Intermediate	12 1/4	429.0	6,049.0
Production	8 3/4	6,049.0	12,205.0

Zones

Zone Name	Top (ftKB)	Btm (ftKB)	Current Status
Middle Morrow			
Upper Morrow			

Casing Strings

Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade
Conductor	58.0	20	94.00	H-40
Surface	429.0	13 3/8	48.00	H-40
Intermediate	6,049.0	9 5/8	40.00	HCP-110
Production	12,205.0	5 1/2	17.00	HCP-110

Cement

Des	Type	Start Date	Top (ftKB)	Btm (ftKB)
Surface Casing Cement	Casing	10/23/2008	18.0	429.0
Intermediate Casing Cement	Casing	11/3/2008	19.5	6,049.0
Production Casing Cement	Casing	11/29/2008	8,669.0	12,205.0
Production Casing Cement	Casing	11/29/2008	5,749.0	8,669.0

Tubing Strings

Tubing Description	Run Date	Set Depth (ftKB)
Tubing - Production	10/5/2010	11,708.5

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
2-3/8" 4.7 ppf L-80 8RD Tubing	2 3/8	4.70	L-80	1	32.62	13.8	46.5
2-3/8" tbg subs (3,6,& 8')	2 3/8	4.70	N-80	3	17.26	46.5	63.7
2-3/8" 4.7 ppf L-80 8RD Tubing	2 3/8	4.70	L-80	357	11,616.06	63.7	11,679.8
J Latch w/ 1.875" "BX"	2 3/8	4.70	L-80	1	1.57	11,679.8	11,681.4
Packer Baker Hornet 10-K	4.778			1	8.55	11,681.4	11,689.9
2-3/8" 4.7# P-110 Tubing Sub	2 3/8	4.70	P-110	1	8.05	11,689.9	11,698.0
Profile Landing Nipple 1.875 BX	2 3/8			1	0.95	11,698.0	11,698.9
2-3/8" 4.7# L-80 Tubing Sub	2 3/8	4.70	L-80	1	8.11	11,698.9	11,707.0
Ceramic disc sub	2 3/8			1	1.19	11,707.0	11,708.2
Wireline Guide	2 3/8			1	0.33	11,708.2	11,708.5

Other In Hole

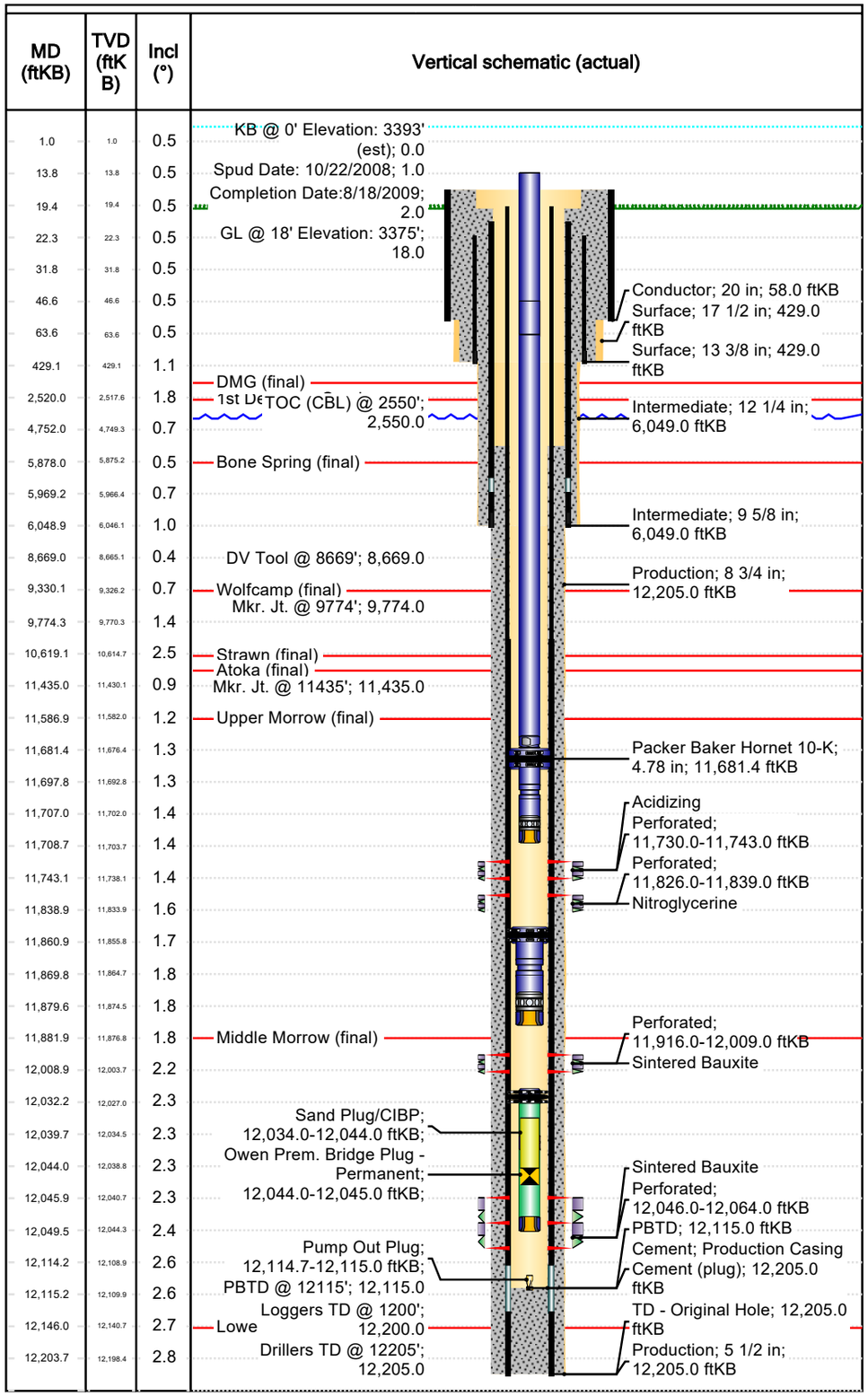
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
8/22/2009	Pump Out Plug	1/2	12,114.7	12,115.0
1/8/2010	Owen Prem. Bridge Plug - Permanent	2	12,044.0	12,045.0
1/8/2010	Sand Plug/CIBP	2	12,034.0	12,044.0

Downhole Well Profile - with Schematic

Well Name: Big Eddy Unit 213

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County
3001536293	1138771001		New Mexico	Eddy

Surface Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Surface Casing Flange Elevation (ft)
T22S-R28E-S05	10/22/2008 09:00	3,155.80	3,136.30	19.50	



MD (ftKB)	TVD (ftKB)	Incl (°)
1.0	1.0	0.5
13.8	13.8	0.5
19.4	19.4	0.5
22.3	22.3	0.5
31.8	31.8	0.5
46.6	46.6	0.5
63.6	63.6	0.5
429.1	429.1	1.1
2,520.0	2,517.6	1.8
4,752.0	4,749.3	0.7
5,878.0	5,875.2	0.5
5,969.2	5,966.4	0.7
6,048.9	6,046.1	1.0
8,669.0	8,665.1	0.4
9,330.1	9,326.2	0.7
9,774.3	9,770.3	1.4
10,619.1	10,614.7	2.5
11,435.0	11,430.1	0.9
11,586.9	11,582.0	1.2
11,681.4	11,676.4	1.3
11,697.8	11,692.8	1.3
11,707.0	11,702.0	1.4
11,708.7	11,703.7	1.4
11,743.1	11,738.1	1.4
11,838.9	11,833.9	1.6
11,860.9	11,855.8	1.7
11,869.8	11,864.7	1.8
11,879.6	11,874.5	1.8
11,881.9	11,876.8	1.8
12,008.9	12,003.7	2.2
12,032.2	12,027.0	2.3
12,039.7	12,034.5	2.3
12,044.0	12,038.8	2.3
12,045.9	12,040.7	2.3
12,049.5	12,044.3	2.4
12,114.2	12,108.9	2.6
12,115.2	12,109.9	2.6
12,146.0	12,140.7	2.7
12,203.7	12,198.4	2.8

Perforations

Date	Top (ftKB)	Btm (ftKB)	Linked Zone
9/22/2010	11,730.0	11,743.0	
9/11/2010	11,826.0	11,839.0	
1/13/2010	11,916.0	12,009.0	
6/4/2009	12,046.0	12,064.0	

Stimulation Intervals

Interval Number	Top (ftKB)	Btm (ftKB)	AIR (bbl/min)	MIR (bbl/min)	Proppant Total (lb)
1	12,046.0	12,064.0			0.0
1	11,916.0	12,009.0			0.0
1	11,826.0	11,839.0			0.0
1	11,730.0	11,743.0			0.0

BEU 213 - Proposed WBD

429’ Surface Casing Shoe

2550’ TOC by CBL

2414’ T/Delaware

3351’ T/Cherry Canyon

4425’ T/Brushy Canyon

5859’ T/Bone Spring

6049’ Intermediate Casing Shoe

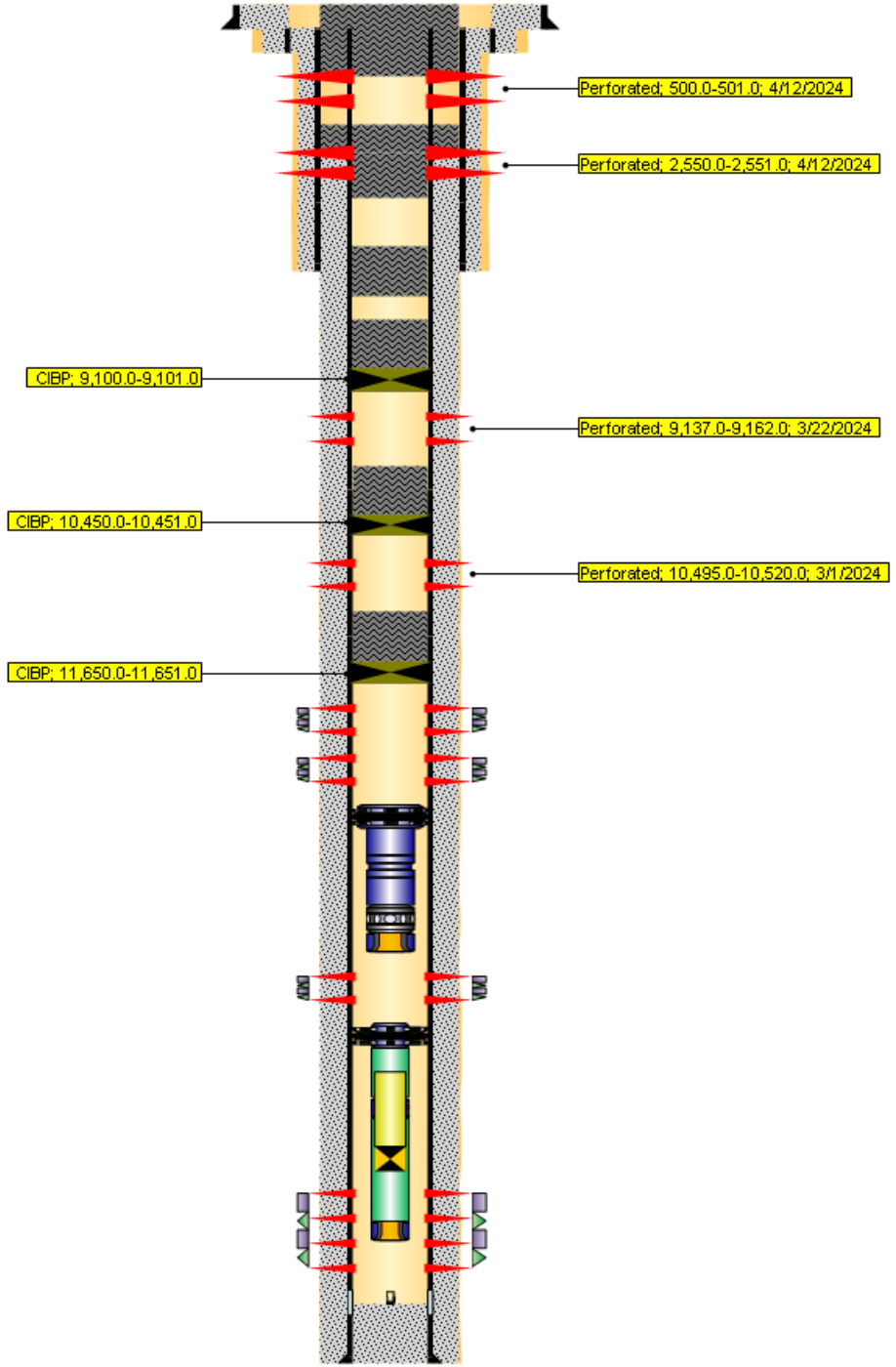
8669’ DV Tool

9306’ T/Wolfcamp

10781’ T/Strawn

11202’ T/Atoka

11730’ T/Perfs



Perf and circulate 500’ to surface.

Perf & squeeze 25 SKS Class C from 2,550’ to 2,450’. WOC & Tag.

Spot 200 SKS Class C from 4,550’ to 2,550’ (TOC). WOC and Tag.

Spot 33 SKS Class C from 6,100’ to 5,750’. WOC and Tag.

Spot 75 SKS **Class H** atop CIBP from 9,100’ to 8,500’. PT CIBP to 500 PSIG for 30 min. WOC and Tag.

Spot 160 SKS **Class H** atop CIBP from 10,450’ to 9,200’. PT CIBP to 500 PSIG for 30 min. WOC and Tag.

Spot 118 SKS **Class H** atop CIBP from 11,650’ to 10,650’. PT CIBP to 500 PSIG for 30 min. WOC and Tag.

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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 346101

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 346101
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	Run CBL from 11650' to surface. CBL must be submitted to OCD via OCD permitting before submitting C-103P	5/24/2024