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

Sundry Print Report

08/15/2023

Well Name: YOUNG DEEP UNIT

Well Location: T18S / R32E / SEC 9 / NESE /

County or Parish/State: LEA / NM

Well Number: 31

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMLC065580

Unit or CA Name: YOUNG DEEP UNIT - BONE SP

Unit or CA Number: NMNM71067B

US Well Number: 3002531093

Well Status: Producing Oil Well

Operator: MATADOR PRODUCTION COMPANY

Accepted for Record Only

SUBJECT TO LIKE APPROVAL BY BLM

NMOCD 8/17/23

Notice of Intent

Sundry ID: 2745252

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/09/2023

Time Sundry Submitted: 08:20

Date proposed operation will begin: 09/01/2023

Procedure Description: Matador is requesting to plug and abandon the Young Deep Unit #031, per the required BLM COAs, following the procedure below: Notify BLM 24 hrs before MIRU. Safety mtg, MIRU, check pressures, ND wellhead, NU & test BOPs, POOH w/ rods & tbg. RIH & set CIBP at 8,300'; Pressure test csg to 500 psi for 30 minutes; Circulate and displace hole w/ MLF. Spot 25 sks Class H cmt on top of CIBP; WOC & Tag (Isolate perforations). Spot a 115 sk balanced plug of Class C cmt at 6,415' (Bone Spring & Delaware). Perf & Sqz 40 sks Class C cmt at 3,585'; WOC & Tag (Intermediate shoe). If no injection at shoe, Spot 70 sks Class C cmt @ 3,635' to cover Intermediate Shoe & TOC. Perf & Sqz 40 sks Class C cmt at 2,750'; WOC & Tag (Yates & Bottom of Salt). Perf & Sqz 40 sks Class C cmt at 1,375'; WOC & Tag (Top of Salt). Perf @ 460' & Sqz Cl C cmt to surface on all strings. (Surface shoe) Cut off wellhead and ensure cmt to surface on all csg strings. Install dry hole marker per BLM/NMOCD specifications. *Current and proposed wellbore diagrams attached **Mud laden fluid (MLF) mixed at 25sx/100 bbls water will be spotted between each plug.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Young_Deep_Unit_031_Planned_PA_WBD_20230809082009.pdf

Young_Deep_Unit_031_Current_WBD_20230809081958.pdf

Well Name: YOUNG DEEP UNIT

Well Location: T18S / R32E / SEC 9 / NESE /

County or Parish/State: LEA / NM

Well Number: 31

Type of Well: OIL WELL

Allottee or Tribe Name:

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Unit or CA Name: YOUNG DEEP UNIT - BONE SP

Unit or CA Number: NMNM71067B

US Well Number: 3002531093

Well Status: Producing Oil Well

Operator: MATADOR PRODUCTION COMPANY

Conditions of Approval

Specialist Review

YOUNG_DEEP_UNIT_31___2745252___COA_AND_PROCEDURE_20230811134032.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: BRETT JENNINGS

Signed on: AUG 09, 2023 08:20 AM

Name: MATADOR PRODUCTION COMPANY

Title: Regulatory Analyst

Street Address: 5400 LBJ FREEWAY, STE 1500

City: DALLAS **State:** TX

Phone: (972) 629-2160

Email address: BRETT.JENNINGS@MATADORRESOURCES.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: 08/11/2023

Signature: KEITH IMMATTY

Matador is requesting to plug and abandon the Young Deep Unit #031, per the required BLM COAs, following the procedure below:

Notify BLM 24 hrs before MIRU.

Safety mtg, MIRU, check pressures, ND wellhead, NU & test BOPs, POOH w/ rods & tbg.

Wolfcamp top and DV: 9,580' to 9,280'. Spot 40sx Class H. Tag and verify

RIH & set CIBP at 8,300'; Pressure test csg to 500 psi for 30 minutes; Circulate and displace hole w/ MLF.

Spot 25 sks Class H cmt on top of CIBP; WOC & Tag (Isolate perforations).

Spot a 135 sk balanced plug of Class C cmt at 6,415' (Bone Spring & Delaware).

Perf & Sqz 40 sks Class C cmt at 3,585'; WOC & Tag (Intermediate shoe).

If no injection at shoe, Spot 70 sks Class C cmt @ 3,635' to cover Intermediate Shoe & TOC.

Perf & Sqz 40 sks Class C cmt at 2,750'; WOC & Tag (Yates & Bottom of Salt).

Perf & Sqz 40 sks Class C cmt at 1,375'; WOC & Tag (Top of Salt).

Perf @ 460' & Sqz Cl C cmt to surface on all strings. (Surface shoe)

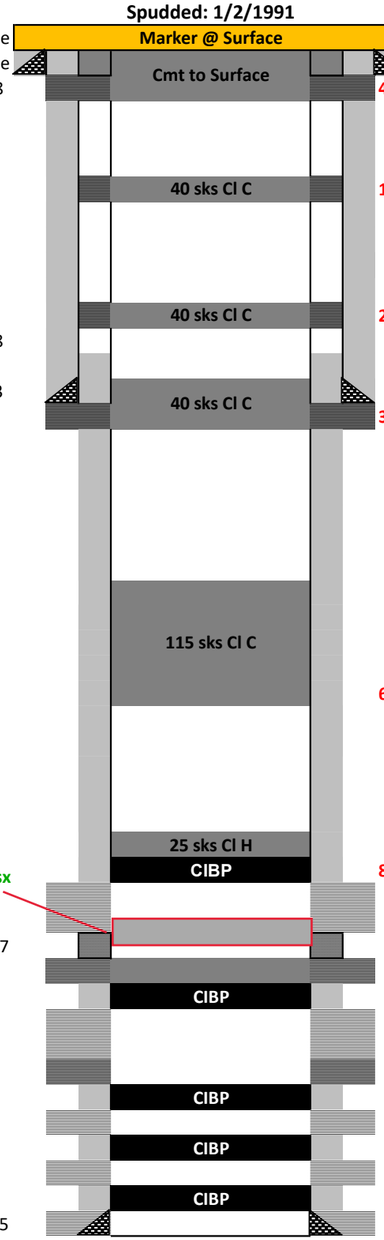
Cut off wellhead and ensure cmt to surface on all csg strings.

Install dry hole marker per BLM/NMOCD specifications.

*Current and proposed wellbore diagrams attached

**Mud laden fluid (MLF) mixed at 25sx/100 bbls water will be spotted between each plug.

Young Deep Unit #031
1980' FSL & 660' FEL Sec. I-9-T18S-R32E
Lea County, NM
API: 30-025-31093
Planned P&A WELLBORE SCHEMATIC
Spudded: 1/2/1991



TOC: Surface
TOC: Surface
13-3/8" 408

460': Perf & Spz Class C cmt to surface on all strings (Est. 150)

1,375': Perf & Spz 40 sks Class C cmt across Salt Bottom (Req. 1,256') Tag and verify

2,750': Perf & Spz 40 sks Class C cmt across Salt Bottom (Est. 2,344' / Req. 2,623') Tag and verify

TOC: 3,038

8-5/8" 3,533

3,585': Perf & Spz 40 sks Class C cmt into Intermediate Shoe (Est. 3,430' / Req. 3,447') Tag and verify
(If no injection, Spot 70 sks Class C at 3,635')

6,415': Spot 135 sks Class C cmt Balanced Plug (Bone Spring & Delaware) (Est. 5,250' / Req. 5,327')

Wolfcamp top and DV: 9,580' to 9,280'. Spot 40sx Class H. Tag and verify

8,300': Set CIBP @ Spot 25 sks Class H cmt (Est. 8,097' / Req. 8,200') Leak test 500psi, 30mins

DV Tool: 9,427

5-1/2" 11,925

TD: 11,925
PBTD: 9540

Casing Information						
	Hole Size	Casing Size	Type	Weight (lb/ft)	Joints	Depth Set
Surface	17-1/2"	13-3/8"	J-55	54.5#	10	408
Intermediate	12-1/4"	8-5/8"	J-55	32#	81	3,533
Production	7-7/8"	5-1/2"		17#	283	11,925
DV Tool						9,427

Geologic Markers	
Salt Top	1,320
Yates / Salt Bottom	2,700
7 Rivers	3,130
Bowers	3,590
Queen	3,860
Penrose	4,116
Grayburg	4,434
BFSA	4,894
Delaware	5,432
Bone Spring	6,362
Shingle	8,306
Wolfcamp	9,530
Cisco	10,134
Penn Shale	10,900
Strawn	11,604
Atoka	11,804

Cementing Record			
	Type	TOC	Date Run
Surface	450 sks Cl C	Surface	1/2/1991
Intermediate	1600 sks x 200 sks Cl C	Surface	1/9/1991
Production 1st	150 sks x 400 sks Cl H	DV Tool	2/1/1991
Production 2nd	1000 sks x 400 sks Cl H	3038	2/2/1991

Plugging Information		
Date	Type	Depth
4/3/1991	CIBP	(9,700')
3/13/1991	CIBP	(10,710')
2/22/1991	CIBP + 50' cmt	(11,684')
2/16/1991	CIBP + 50' cmt	(11,820')

4/4/1991	*Shingle perfs*	*(8,348'-9,046')*
3/30/1991	*~~Wolfcamp perfs~~*	*(9,618'-9,620')*
4/3/1991	*CIBP*	*(9,700')*
3/23/1991	*Cisco perfs*	*(10,262'-10,270')*
3/17/1991	*Cisco cuts*	*(10,473')*
3/2/1991	*~~Cisco perfs~~*	*(10,461'-10,658')*
3/13/1991	*CIBP*	*(10,710')*
2/22/1991	*Cisco perfs*	*(10,756'-10,854')*
2/22/1991	*CIBP + 50' cmt*	*(11,684')*
2/16/1991	*Strawn perfs*	*(11,734'-11,770')*
2/16/1991	*CIBP + 50' cmt*	*(11,820')*
2/12/1991	*Atoka perfs*	*(11,834'-11,842')*

Perforation Information			
Date	Formation	Depth	Squeezed
5/25/1991	Shingle perfs	(8,348'-8,370')	
5/22/1991	Shingle perfs	(8,690'-8,698')	
4/4/1991	Shingle perfs	(8,989'-9,046')	
3/30/1991	~~Wolfcamp perfs~~	(9,618'-9,620')	4/3/1991
3/23/1991	Cisco perfs	(10,262'-10,270')	
3/17/1991	Cisco cuts	(10,473')	
3/2/1991	~~Cisco perfs~~	(10,462'-10,494')	
3/2/1991	~~Cisco perfs~~	(10,540'-10,558')	
3/2/1991	~~Cisco perfs~~	(10,562'-10,580')	
3/2/1991	~~Cisco perfs~~	(10,637'-10,658')	3/14/1991
2/22/1991	Cisco perfs	(10,756'-10,854')	
2/16/1991	Strawn perfs	(11,734'-11,770')	
2/12/1991	Atoka perfs	(11,834'-11,842')	

Sundry ID	2745252					
Plug Type	**Top**	**Bottom**	**Length**	**Tag**	**Sacks**	**Notes**
Surface Plug	0.00	460.00	460.00	Verify circulated to surface	150.00	Shoe plug to surface
Shoe Plug	353.92	458.00	104.08	WOC and Tag	150.00	Perf and sqz
Top of Salt @ 1320	1256.80	1370.00	113.20	WOC and Tag	40.00	Perf and sqz
Yates @ 2700	2623.00	2750.00	127.00	WOC and Tag	40.00	Perf and sqz
TOC 3038'. Perf and sqz plugs above						
Shoe Plug	3447.67	3583.00	135.33	WOC and Tag	40.00	
Delaware @ 5432	5327.68	5482.00	154.32		135.00	
Bonesprings @ 6362	6248.38	6412.00	163.62		135.00	
CIBP Plug	8265.00	8300.00	35.00	WOC and Tag	25.00	Leak test 500psi, 30mins
DV tool plug	9282.73	9477.00	194.27	WOC and Tag	40.00	Covering WC top and DV tool
Wolfcamp @ 9530	9384.70	9580.00	195.30	WOC and Tag	40.00	Covering WC top and DV tool

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.
Critical, High Cave Karst: Cave Karst depth to surface
R111P: Solid plug in all annuli - 50' from bottom of salt to surface.

Class C: 1.32 ft^3/sx
Class H: 1.06 ft^3/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	Low	500.00

Shoe @	408.00
Shoe @	3533.00
Shoe @	11925.00

Perforatons Top @	8348.00	Perforations Bottom @	9046.00
DV Tool @	9427.00	CIBP @	8300.00

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 (LPC Habitat)

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. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

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.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:
From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted

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
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

Doris Lauger Martinez
Environmental Protection Specialist
575-234-5926

Jaden Johnston
Environmental Protection Asst. (Intern)
575-234-6252

Matador is requesting to plug and abandon the Young Deep Unit #031, per the required BLM COAs, following the procedure below:

- Notify BLM 24 hrs before MIRU.
- Safety mtg, MIRU, check pressures, ND wellhead, NU & test BOPs, POOH w/ rods & tbg.
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- Spot a 115 sk balanced plug of Class C cmt at 6,415' (Bone Spring & Delaware).
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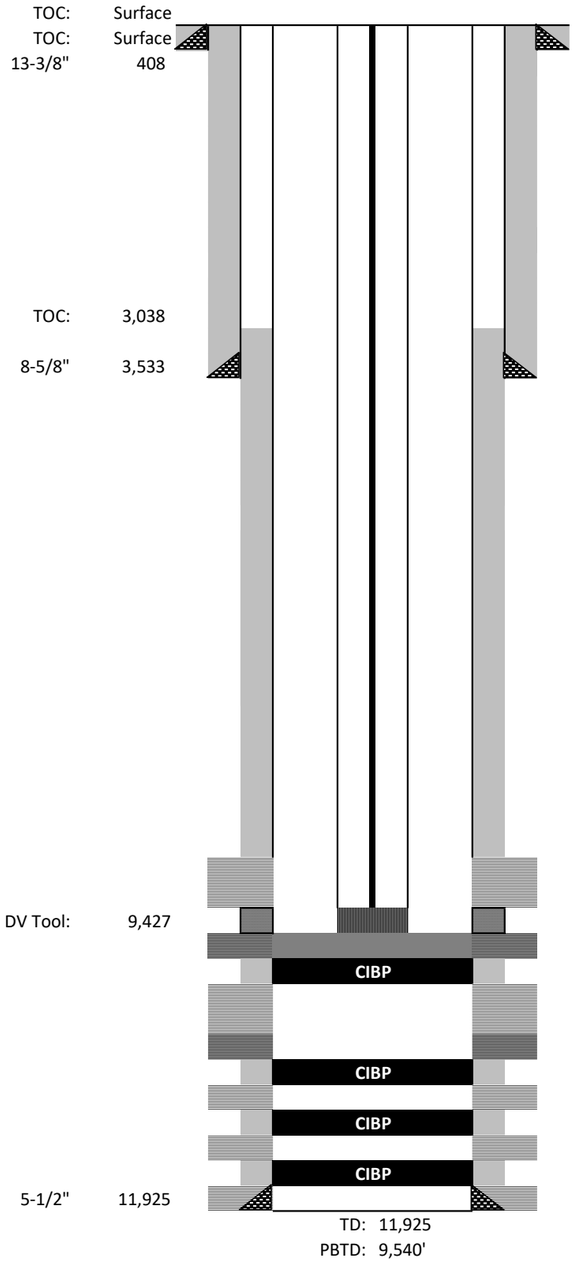
- Cut off wellhead and ensure cmt to surface on all csg strings.
- Install dry hole marker per BLM/NMOCD specifications.

*Current and proposed wellbore diagrams attached

**Mud laden fluid (MLF) mixed at 25sx/100 bbls water will be spotted between each plug.

Young Deep Unit #031
1980' FSL & 660' FEL Sec. I-9-T18S-R32E
Lea County, NM
API: 30-025-31093
CURRENT WELLBORE SCHEMATIC
Spudded: 1/2/1991



4/4/1991	Shingle perfs	(8,348'-9,046')
3/30/1991	~~Wolfcamp perfs~~	(9,618'-9,620')
4/3/1991	CIBP	(9,700')
3/23/1991	Cisco perfs	(10,262'-10,270')
3/17/1991	Cisco cuts	(10,473')
3/2/1991	~~Cisco perfs~~	(10,461'-10,658')
3/13/1991	CIBP	(10,710')
2/22/1991	Cisco perfs	(10,756'-10,854')
2/22/1991	CIBP + 50' cmt	(11,684')
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2/16/1991	CIBP + 50' cmt	(11,820')
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Casing Information

	Hole Size	Casing Size	Type	Weight (lb/ft)	Joints	Depth Set
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DV Tool						9,427

Cementing Record

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Production 1st	150 sks x 400 sks Cl H	DV Tool	2/1/1991
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Tubing Information

Item	Notes	Depth
Tubing	(260) 2-3/8" J-55 tubing	
Tubing Anchor	TAC	8,240
Tubing	(29) 2-3/8" J-55 tubing	
Seating Nipple	SN	9,152
Sand Screen	2-3/8" X 25' SND SCRN	
Bull Plug	2-3/8" BP	9,176
Plug Back Total Depth	PBTD	9,540'

Rod String Information

Item	Notes
Pony Rod	(2) 2', 6' Pony Rods
Rod	(101) 7/8" Rods
Rod	(242) 3/4" Rods
Rod	(21) 7/8" Rods
Pump	2" x 1.25" x 24' W/BOC

Perforation Information

Date	Formation	Depth	Squeezed
5/25/1991	Shingle perfs	(8,348'-8,370')	
5/22/1991	Shingle perfs	(8,690'-8,698')	
4/4/1991	Shingle perfs	(8,989'-9,046')	
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3/2/1991	~~Cisco perfs~~	(10,540'-10,558')	
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2/22/1991	Cisco perfs	(10,756'-10,854')	
2/16/1991	Strawn perfs	(11,734'-11,770')	
2/12/1991	Atoka perfs	(11,834'-11,842')	

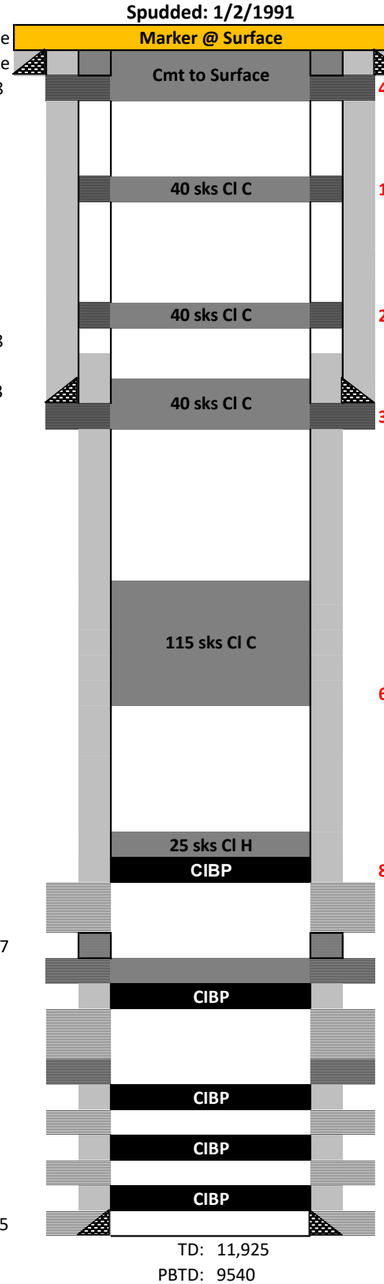
Plugging Information

Date	Type	Depth
4/3/1991	CIBP	(9,700')
3/13/1991	CIBP	(10,710')
2/22/1991	CIBP + 50' cmt	(11,684')
2/16/1991	CIBP + 50' cmt	(11,820')

Geologic Markers

Salt Top	1,320
Yates / Salt Bottom	2,700
7 Rivers	3,130
Bowers	3,590
Queen	3,860
Penrose	4,116
Grayburg	4,434
BFSA	4,894
Delaware	5,432
Bone Spring	6,362
Shingle	8,306
Wolfcamp	9,530
Cisco	10,134
Penn Shale	10,900
Strawn	11,604
Atoka	11,804

Young Deep Unit #031
1980' FSL & 660' FEL Sec. I-9-T18S-R32E
Lea County, NM
API: 30-025-31093
Planned P&A WELLBORE SCHEMATIC
Spudded: 1/2/1991



TOC: Surface
TOC: Surface
13-3/8" 408

460': Perf & Spz Class C cmt to surface on all strings (Est. 150)

1,375': Perf & Spz 40 sks Class C cmt across Salt Bottom (Req. 1,270')

2,750': Perf & Spz 40 sks Class C cmt across Salt Bottom (Est. 2,344' / Req. 2,650')

TOC: 3,038

8-5/8" 3,533

3,585': Perf & Spz 40 sks Class C cmt into Intermediate Shoe (Est. 3,430' / Req. 3,483')
(If no injection, Spot 70 sks Class C at 3,635')

6,415': Spot 115 sks Class C cmt Balanced Plug (Bone Spring & Delaware) (Est. 5,250' / Req. 5,382')

8,300': Set CIBP @ Spot 25 sks Class H cmt (Est. 8,097' / Req. 8,200')

DV Tool: 9,427

5-1/2" 11,925

TD: 11,925
PBTD: 9540

Casing Information						
	Hole Size	Casing Size	Type	Weight (lb/ft)	Joints	Depth Set
Surface	17-1/2"	13-3/8"	J-55	54.5#	10	408
Intermediate	12-1/4"	8-5/8"	J-55	32#	81	3,533
Production	7-7/8"	5-1/2"		17#	283	11,925
DV Tool						9,427

Geologic Markers	
Salt Top	1,320
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Wolfcamp	9,530
Cisco	10,134
Penn Shale	10,900
Strawn	11,604
Atoka	11,804

Cementing Record			
	Type	TOC	Date Run
Surface	450 sks Cl C	Surface	1/2/1991
Intermediate	1600 sks x 200 sks Cl C	Surface	1/9/1991
Production 1st	150 sks x 400 sks Cl H	DV Tool	2/1/1991
Production 2nd	1000 sks x 400 sks Cl H	3038	2/2/1991

Plugging Information		
Date	Type	Depth
4/3/1991	CIBP	(9,700')
3/13/1991	CIBP	(10,710')
2/22/1991	CIBP + 50' cmt	(11,684')
2/16/1991	CIBP + 50' cmt	(11,820')

Perforation Information			
Date	Formation	Depth	Squeezed
5/25/1991	Shingle perfs	(8,348'-8,370')	
5/22/1991	Shingle perfs	(8,690'-8,698')	
4/4/1991	Shingle perfs	(8,989'-9,046')	
3/30/1991	~~Wolfcamp perfs~~	(9,618'-9,620')	4/3/1991
3/23/1991	Cisco perfs	(10,262'-10,270')	
3/17/1991	Cisco cuts	(10,473')	
3/2/1991	~~Cisco perfs~~	(10,462'-10,494')	
3/2/1991	~~Cisco perfs~~	(10,540'-10,558')	
3/2/1991	~~Cisco perfs~~	(10,562'-10,580')	
3/2/1991	~~Cisco perfs~~	(10,637'-10,658')	3/14/1991
2/22/1991	Cisco perfs	(10,756'-10,854')	
2/16/1991	Strawn perfs	(11,734'-11,770')	
2/12/1991	Atoka perfs	(11,834'-11,842')	

4/4/1991	*Shingle perfs*	*(8,348'-9,046')*	
3/30/1991	*~~Wolfcamp perfs~~*	*(9,618'-9,620')*	
4/3/1991	*CIBP*	*(9,700')*	
3/23/1991	*Cisco perfs*	*(10,262'-10,270')*	
3/17/1991	*Cisco cuts*	*(10,473')*	
3/2/1991	*~~Cisco perfs~~*	*(10,461'-10,658')*	
3/13/1991	*CIBP*	*(10,710')*	
2/22/1991	*Cisco perfs*	*(10,756'-10,854')*	
2/22/1991	*CIBP + 50' cmt*	*(11,684')*	
2/16/1991	*Strawn perfs*	*(11,734'-11,770')*	
2/16/1991	*CIBP + 50' cmt*	*(11,820')*	
2/12/1991	*Atoka perfs*	*(11,834'-11,842')*	

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

COMMENTS

Action 252106

COMMENTS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 252106
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	8/17/2023

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CONDITIONS

Action 252106

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Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
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CONDITIONS

Created By	Condition	Condition Date
kfortner	Like approval from BLM	8/17/2023