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

Sundry Print Report
03/11/2025

Well Name: RIO BLANCO 4-33 FED COM

Well Location: T23S / R34E / SEC 4 / SWNE / 32.334358 / -103.471479

County or Parish/State: LEA / NM

Well Number: 104H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM19142

Unit or CA Name: RIO BLANCO 4-33 FED COM 39H

Unit or CA Number: NMNM140035

US Well Number: 3002554248

Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2840941

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 03/10/2025

Time Sundry Submitted: 11:28

Date proposed operation will begin: 03/10/2025

Procedure Description: Engineering Only - Devon Energy Production Company L.P. respectfully requests the following changes to the approved APD: Per L.Vo verbal approval, request addition of pilot hole: 8-3/4" Pilot Hole and Plugging Program 1) 8-3/4" Pilot hole from 11850-14650 2) Pilot hole will be plugged back per NMOCD P&A requirements with a cement plug 3) All cement will be 100ft in length +10% per 1000ft of TVD 4) Plug depths will be verified and tagged in the plug back (min 6hr wait time) 5) Devon will contact the NMOCD and give notice before performing any of the aforementioned procedures including the tagging of cement 6) Whip stock will be set around 9,000ft Please see attached revised drill plans and supporting documentation.

NOI Attachments

Procedure Description

FW___EXTERNAL__Pilot_Hole_Sundry_20250310111955.pdf

10M_BOPE_CHK_DR_CLS_RKL_20250310111952.pdf

RIO_BLANCO_4_33_FED_COM_104H_rev1_20250310111949.pdf

Annular_Variance___Preventer_Summary_20250310111948.pdf

CONFIDENTIAL

Well Name: RIO BLANCO 4-33 FED COM

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Unit or CA Number: NMNM140035

US Well Number: 3002554248

Operator: DEVON ENERGY PRODUCTION COMPANY LP

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: REBECCA DEAL

Signed on: MAR 10, 2025 11:20 AM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory Professional

Street Address: 333 W SHERIDAN AVE

City: OKLAHOMA CITY **State:** OK

Phone: (405) 228-8429

Email address: REBECCA.DEAL@DVN.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: 5759885402

BLM POC Email Address: LVO@BLM.GOV

Disposition: Accepted

Disposition Date: 03/11/2025

Signature: Long Vo

CONFIDENTIAL

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMNM19142

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No. RIO BLANCO 4-33 FED COM 39H/NMNM140035

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No. RIO BLANCO 4-33 FED COM/104H

2. Name of Operator DEVON ENERGY PRODUCTION COMPANY LP

9. API Well No. 3002554248

3a. Address 333 WEST SHERIDAN AVE, OKLAHOMA CITY,

3b. Phone No. *(include area code)* (405) 235-3611

10. Field and Pool or Exploratory Area WC-025 G-06 S223421L/BONE SPRING

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* SEC 4/T23S/R34E/NMP

11. Country or Parish, State LEA/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☑ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Engineering Only - Devon Energy Production Company L.P. respectfully requests the following changes to the approved APD:
Per L.Vo verbal approval, request addition of pilot hole:
8-3/4" Pilot Hole and Plugging Program
1) 8-3/4" Pilot hole from 11850-14650
2) Pilot hole will be plugged back per NMOCD P&A requirements with a cement plug
3) All cement will be 100ft in length +10% per 1000ft of TVD
4) Plug depths will be verified and tagged in the plug back (min 6hr wait time)
5) Devon will contact the NMOCD and give notice before performing any of the aforementioned procedures including the tagging of cement
6) Whip stock will be set around 9,000ft

Please see attached revised drill plans and supporting documentation.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* REBECCA DEAL / Ph: (405) 228-8429

Title Regulatory Professional

Signature (Electronic Submission)

Date 03/10/2025

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by LONG VO / Ph: (575) 988-5402 / Accepted

Title Petroleum Engineer

Date 03/11/2025

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CARLSBAD

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SWNE / 2384 FNL / 1534 FEL / TWSP: 23S / RANGE: 34E / SECTION: 4 / LAT: 32.334358 / LONG: -103.471479 (TVD: 0 feet, MD: 0 feet)

PPP: SWNE / 2541 FNL / 1670 FEL / TWSP: 23S / RANGE: 34E / SECTION: 4 / LAT: 32.333925 / LONG: -103.471919 (TVD: 9520 feet, MD: 9543 feet)

PPP: SWSE / 1 FNL / 1664 FEL / TWSP: 22S / RANGE: 34E / SECTION: 33 / LAT: 32.34091 / LONG: -103.47191 (TVD: 9900 feet, MD: 12400 feet)

BHL: NWNE / 20 FNL / 1670 FEL / TWSP: 22S / RANGE: 34E / SECTION: 33 / LAT: 32.355364 / LONG: -103.471892 (TVD: 9900 feet, MD: 17523 feet)

CONFIDENTIAL

From: Porraz, Isac
To: Deal, Rebecca
Subject: FW: [EXTERNAL] Pilot Hole Sundry
Date: Wednesday, March 5, 2025 3:27:07 PM
Attachments: image001.png
RIO BLANCO 4-33 FED COM 104H rev1.pdf
10M BOPE CHK DR CLS RKL.pdf
Annular Variance - Preventer Summary.pdf

Rebecca,

I've attached the drill plan that Long approved for the Pilot Hole. He asked to submit this email (see below) with the formal sundry within 5 days. Please let me know if you need anything else from me to submit.

Isac

From: Vo, Long T <lvo@blm.gov>
Sent: Wednesday, March 5, 2025 10:54 AM
To: Porraz, Isac <Isac.Porraz@dvn.com>; Moos, Sheldon <Sheldon.Moos@dvn.com>
Subject: Re: [EXTERNAL] Pilot Hole Sundry

Isac,

Please see conditions below. You have verbal to proceed, please have a copy of this email on location and attach this email to the formal sundry within 5 business days.

Pilot Hole:

The pilot hole plugging procedure is approved as written. Note plug tops on subsequent drilling report. The BLM is to be contacted 24 hours prior to the commencement of any plugging operations **(575-689-5981 Lea County)** and when tagging the plugs.

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

- 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.

- Subsequent Plugging Reporting: Within 30 days after plugging work is completed to the 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 pilot hole was plugged and tagged.**

Regards,

Long Vo

Petroleum Engineer
Carlsbad Field Office
Land and Minerals
Bureau of Land Management
Department of Interior
575-988-5402 Cell

"Be the change that you wish to see in the world"-Gandhi

From: Porraz, Isac <Isac.Porraz@dvn.com>
Sent: Tuesday, March 4, 2025 4:57 PM
To: Vo, Long T <lvo@blm.gov>; Moos, Sheldon <Sheldon.Moos@dvn.com>
Subject: RE: [EXTERNAL] Pilot Hole Sundry

Long,

Here is the updated drill plan, 10M BOPE schematic and well control plan.

Isac Porraz
Drilling Engineer
isac.porraz@dvn.com
724-809-7647

From: Vo, Long T <lvo@blm.gov>

Sent: Tuesday, March 4, 2025 9:19 AM
To: Moos, Sheldon <Sheldon.Moos@dvn.com>
Cc: Porraz, Isac <Isac.Porraz@dvn.com>
Subject: Re: [EXTERNAL] Pilot Hole Sundry

No, you would need to update the drill plan.

Regards,

Long Vo

Petroleum Engineer
Carlsbad Field Office
Land and Minerals
Bureau of Land Management
Department of Interior
575-988-5402 Cell

"Be the change that you wish to see in the world"-Gandhi

From: Moos, Sheldon <Sheldon.Moos@dvn.com>
Sent: Tuesday, March 4, 2025 9:08 AM
To: Vo, Long T <lvo@blm.gov>
Cc: Porraz, Isac <Isac.Porraz@dvn.com>
Subject: Re: [EXTERNAL] Pilot Hole Sundry

Thank you Long-

Are we conditionally approved to proceed?

We will include the # of sacks and BOP schematic in the Sundry document. We will not break test when enter the Wolfcamp and deeper. The pilot hole is 8-3/4" hole.

Sheldon Moos

Get Outlook for iOS

From: Vo, Long T <lvo@blm.gov>
Sent: Friday, February 28, 2025 4:59:49 PM
To: Moos, Sheldon <Sheldon.Moos@dvn.com>
Cc: Porraz, Isac <Isac.Porraz@dvn.com>
Subject: Re: [EXTERNAL] Pilot Hole Sundry

Sheldon,

What is the pilot hole size? Please also include the 10M BOPE diagram within the sundry with a well control plan.

Please also include the number of sacks for each balance plugs.

A full BOPE test is required when drilling below the intermediate casing, no break testing allow.

Regards,

Long Vo

Petroleum Engineer
Carlsbad Field Office
Land and Minerals
Bureau of Land Management
Department of Interior
575-988-5402 Cell

"Be the change that you wish to see in the world"-Gandhi

From: Moos, Sheldon <Sheldon.Moos@dvn.com>
Sent: Tuesday, February 25, 2025 1:41 PM
To: Vo, Long T <lvo@blm.gov>
Cc: Porraz, Isac <Isac.Porraz@dvn.com>
Subject: [EXTERNAL] Pilot Hole Sundry

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Long-
We are finally ready to sundry the Rio Blanco 104H for a pilot hole.

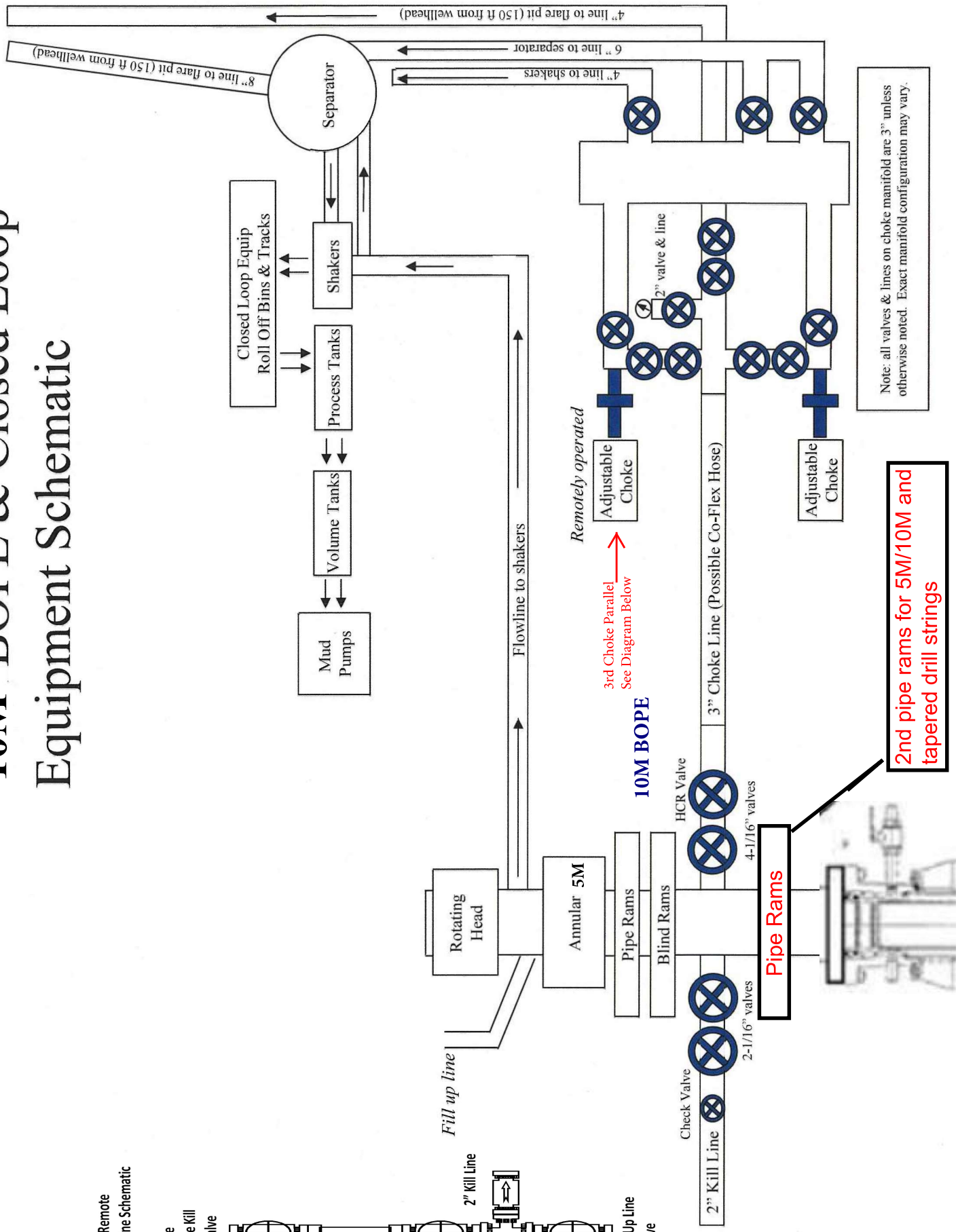
Please see the attached sundry for your initial review. We will formally sundry if you approve.

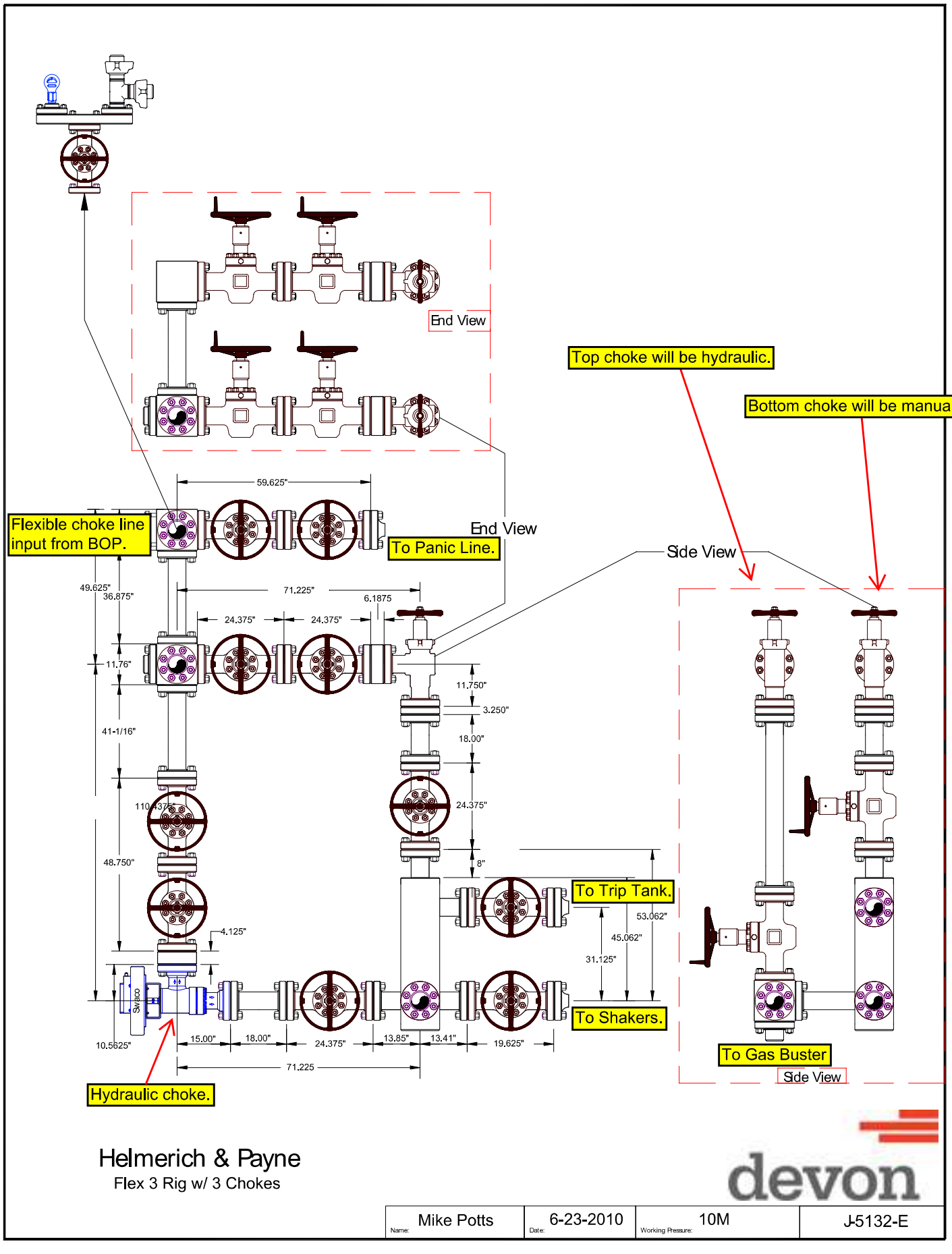
Thanks,

Sheldon Moos
Drilling Engineer, Delaware Basin
C: 210-323-7512
Devon Energy Corporation

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

10M BOPE & Closed Loop Equipment Schematic




End View
Top choke will be hydraulic.
Bottom choke will be manual.
59.625"
Flexible choke line input from BOP.
End View
To Panic Line.
Side View
49.625"
36.875"
71.225"
6.1875
24.375"
24.375"
11.76"
11.750"
3.250"
41-1/16"
18.00"
24.375"
48.750"
8"
To Trip Tank.
53.062"
45.062"
31.125"
4.125"
To Shakers.
10.5625"
15.00"
18.00"
24.375"
13.85"
13.41"
19.625"
71.225
To Gas Buster
Side View
Hydraulic choke.
Helmerich & Payne
Flex 3 Rig w/ 3 Chokes
devon
Mike Potts
Name:
6-23-2010
Date:
10M
Working Pressure:
J-5132-E

RIO BLANCO 4-33 FED COM 104H

1. Geologic Formations

TVD of target	9900	Pilot hole depth	N/A
MD at TD:	17523	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	2370		
Salt	2700		
Base of Salt	4965		
Delaware	5130		
Cherry Canyon	6000		
Brushy Canyon	7110		
1st Bone Spring Lime	8455		
Bone Spring 1st	9520		
2BSSS	10040		
3BSSS	10940		
Wolfcamp	11295		
Strawn	11800		
Atoka	12175		
Morrow	12745		
Barnett	13785		
Miss	13975		
Woodford	14415		

*H2S, water flows, loss of circulation, abnormal pressures, etc.

RIO BLANCO 4-33 FED COM 104H

2. Casing Program

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
26	20	133	J-55	BTC	0	2395	0	2395
17 1/2	13 3/8	68	J-55	BTC	0	5100	0	5100
12 1/4	9 5/8	40	P110	BTC	0	11850	0	11800
8 3/4	**5 1/2**	**17**	**P110**	**BTC**	**0**	**17523**	0	9900

• All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.

RIO BLANCO 4-33 FED COM 104H

3. Cementing Program (4-String Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft3/sack)	Slurry Description
Surface	3863	Surf	13.2	1.4	Lead: Class C Cement + additives
Int 1	1421	Surf	9.0	3.3	Lead: Class C Cement + additives
	332	4565	13.2	1.4	Tail: Class H / C + additives
Int 2	1119	Surf	9.0	3.3	Lead: Class H / V Cement + additives
	660	9440	13.2	1.4	Tail: Class H / C + additives
Production	408	4565	9.0	3.3	Lead: Class H /C + additives
	1578	9346	13.2	1.4	Tail: Class H / C + additives

If a DV tool is ran the depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. Slurry weights will be adjusted based on estimated fracture gradient of the formation. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. If cement is not returned to surface during the primary cement job on the surface casing string, a planned top job will be conducted immediately after completion of the primary job.

Cement Excess	
Surface	50%
Intermediate 1 and Intermediate 2	25%
Production	10%

RIO BLANCO 4-33 FED COM 104H

4. Pressure Control Equipment (4 String Design)

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:
Intermediate 1	Diverter	3M	Annular	X	100% of rated working pressure
			Blind Ram		
			Pipe Ram		
			Double Ram		
			Other*		
Intermediate 2	13-5/8"	10M	Annular	X	100% of rated working pressure
			Blind Ram	X	10M
			Pipe Ram		
			Double Ram	X	
			Other*		
Production	13-5/8"	5M	Annular (5M)	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		

5. 8-3/4" Pilot Hole and Plugging Program

1) 8-3/4" Pilot hole from 11850-14650
2) Pilot hole will be plugged back per NMOCD P&A requirements with a cement plug
3) All cement will be 100ft in length +10% per 1000ft of TVD
4) Plug depths will be verified and tagged in the plug back (min 6hr wait time)
5) Devon will contact the NMOCD and give notice before performing any of the aforementioned procedures including the tagging of cement
6) Whip stock will be set around 9,000ft

Cement Plugs	Hole Size	# Sks	Depth	Wt. (lb/gal)	Water (gal/sx)	Yld (ft3/sack)	Slurry Description
Wolfcamp, Strawn	8-3/4"	333	11132-11900	15.6	5.24	1.06	Class H + additives
Atoka, Morrow	8-3/4"	365	11953-12795	15.6	5.24	1.06	Class H + additives
Barnett, Miss, Woodford	8-3/4"	375	13785-TD (14650)	15.6	5.24	1.06	Class H + additives

6. Mud Program (4 String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate I & II	Cut Brine to Brine	10-10.5
Production	WBM	8.5-9
Pilot	WBM	12-14

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

7. Logging and Testing Procedures

Logging, Coring and Testing	
X	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the Completion Report and sbumitted to the BLM.
	Logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain.
X	Coring? If yes, explain.

Additional logs planned		Interval
	Resistivity	
	Density	
X	CBL	Production casing
X	Mud log	KOP to TD
	PEX	

8. Drilling Conditions

Condition	Specfiy what type and where?
BH pressure at deepest TVD	4633
Abnormal temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogren Sulfide (H2S) monitors will be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.	
N	H2S is present
Y	H2S plan attached.

9. Other facets of operation

Is this a walking operation? Potentially

1 If operator elects, drilling rig will batch drill the surface holes and run/cement surface casing; walking the rig to next wells on the pad.
2 The drilling rig will then batch drill the intermediate sections and run/cement intermediate casing; the wellbore will be isolated with a blind flange and pressure gauge installed for monitoring the well before walking to the next well.
3 The drilling rig will then batch drill the production hole sections on the wells with OBM, run/cement production casing, and install TA caps or tubing heads for completions.

NOTE: During batch operations the drilling rig will be moved from well to well however, it will not be removed from the pad until all wells have production casing run/cemented.

Will be pre-setting casing? Potentially

1 Spudder rig will move in and batch drill surface hole.
   a. Rig will utilize fresh water based mud to drill surface hole to TD. Solids control will be handled entirely on a closed loop basis.
2 After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
3 The wellhead will be installed and tested once the surface casing is cut off and the WOC time has been reached.
4 A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
5 Spudder rig operations is expected to take 4-5 days per well on a multi-well pad.
6 The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
7 Drilling operations will be performed with drilling rig. At that time an approved BOP stack will be nippled up and tested on the wellhead before drilling operations commences on each well.
   a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

Attachments

X Directional Plan
____ Other, describe

Devon Energy Annular Preventer Summary

1. Component and Preventer Compatibility Table

The table below, which covers the drilling and casing of the 10M MASP portion of the well, outlines the tubulars and the compatible preventers in use. This table, combined with the mud program, documents that two barriers to flow can be maintained at all times, independent of the rating of the annular preventer.

6-3/4" Production hole section, 10M requirement

Component	OD	Preventer	RWP
Drillpipe	4.5"	Fixed lower 4.5" Upper 4.5-7" VBR	10M
HWDP	4.5"	Fixed lower 4.5" Upper 4.5-7" VBR	10M
Drill collars and MWD tools	4.75"	Upper 4.5-7" VBR	10M
Mud Motor	4.75"	Upper 4.5-7" VBR	10M
Production casing	5.5"	Upper 4.5-7" VBR	10M
ALL	0-13-5/8"	Annular	5M
Open-hole	-	Blind Rams	10M

VBR = Variable Bore Ram. Compatible range listed in chart.

2. Well Control Procedures

Well control procedures are specific to the rig equipment and the operation at the time the kick occurs. Below are the minimal high-level tasks prescribed to assure a proper shut-in while drilling, tripping, running casing, pipe out of the hole (open hole), and moving the BHA through the BOPs. The pressure at which control is swapped from the annular to another compatible ram is variable, but the operator will document in the submission their operating pressure limit. The operator may chose an operating pressure less than or equal to RWP, but in no case will it exceed the RWP of the annular preventer.

General Procedure While Drilling

1. Sound alarm (alert crew)
2. Space out drill string
3. Shut down pumps (stop pumps and rotary)
4. Shut-in Well (uppermost applicable BOP, typically annular preventer first. HCR and choke will already be in the closed position.)
5. Confirm shut-in
6. Notify toolpusher/company representative
7. Read and record the following:
    a. SIDPP and SICP
    b. Pit gain
    c. Time
8. Regroup and identify forward plan
9. If pressure has built or is anticipated during the kill to reach the RWP of the annular preventer, confirm spacing and swap to the upper pipe ram.

Devon Energy Annular Preventer Summary

General Procedure While Tripping

1. Sound alarm (alert crew)
2. Stab full opening safety valve and close
3. Space out drill string
4. Shut-in (uppermost applicable BOP, typically annular preventer first. HCR and choke will already be in the closed position.)
5. Confirm shut-in
6. Notify toolpusher/company representative
7. Read and record the following:
    a. SIDPP and SICP
    b. Pit gain
    c. Time
8. Regroup and identify forward plan
9. If pressure has built or is anticipated during the kill to reach the RWP of the annular preventer, confirm spacing and swap to the upper pipe ram.

General Procedure While Running Casing

1. Sound alarm (alert crew)
2. Stab crossover and full opening safety valve and close
3. Space out string
4. Shut-in (uppermost applicable BOP, typically annular preventer first. HCR and choke will already be in the closed position.)
5. Confirm shut-in
6. Notify toolpusher/company representative
7. Read and record the following:
    a. SIDPP and SICP
    b. Pit gain
    c. Time
8. Regroup and identify forward plan
9. If pressure has built or is anticipated during the kill to reach the RWP of the annular preventer, confirm spacing and swap to compatible pipe ram.

General Procedure With No Pipe In Hole (Open Hole)

1. Sound alarm (alert crew)
2. Shut-in with blind rams or BSR. (HCR and choke will already be in the closed position.)
3. Confirm shut-in
4. Notify toolpusher/company representative
5. Read and record the following:
    a. SICP
    b. Pit gain
    c. Time
6. Regroup and identify forward plan

Devon Energy Annular Preventer Summary

General Procedures While Pulling BHA thru Stack

1. PRIOR to pulling last joint of drillpipe thru the stack.
    a. Perform flowcheck, if flowing:
    b. Sound alarm (alert crew)
    c. Stab full opening safety valve and close
    d. Space out drill string with tool joint just beneath the upper pipe ram.
    e. Shut-in using upper pipe ram. (HCR and choke will already be in the closed position.)
    f. Confirm shut-in
    g. Notify toolpusher/company representative
    h. Read and record the following:
        i. SIDPP and SICP
        ii. Pit gain
        iii. Time
    i. Regroup and identify forward plan

2. With BHA in the stack and compatible ram preventer and pipe combo immediately available.
    a. Sound alarm (alert crew)
    b. Stab crossover and full opening safety valve and close
    c. Space out drill string with upset just beneath the compatible pipe ram.
    d. Shut-in using compatible pipe ram. (HCR and choke will already be in the closed position.)
    e. Confirm shut-in
    f. Notify toolpusher/company representative
    g. Read and record the following:
        i. SIDPP and SICP
        ii. Pit gain
        iii. Time
    h. Regroup and identify forward plan

3. With BHA in the stack and NO compatible ram preventer and pipe combo immediately available.
    a. Sound alarm (alert crew)
    b. If possible to pick up high enough, pull string clear of the stack and follow “Open Hole” scenario.
    c. If impossible to pick up high enough to pull the string clear of the stack:
    d. Stab crossover, make up one joint/stand of drillpipe, and full opening safety valve and close
    e. Space out drill string with tooljoint just beneath the upper pipe ram.
    f. Shut-in using upper pipe ram. (HCR and choke will already be in the closed position.)
    g. Confirm shut-in
    h. Notify toolpusher/company representative
    i. Read and record the following:
        i. SIDPP and SICP
        ii. Pit gain
        iii. Time
    j. Regroup and identify forward plan

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CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 441473
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	Any previous COA's not addressed within the updated COA's still apply.	4/25/2025