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

Sundry Print Report
10/23/2024

Well Name: BURTON FLAT 3-1 FED STATE COM

Well Location: T21S / R27E / SEC 3 / NWSW / 32.507841 / -104.185648

County or Parish/State: EDDY / NM

Well Number: 337H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0560289

Unit or CA Name:

Unit or CA Number:

US Well Number:

Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2776756

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 02/26/2024

Time Sundry Submitted: 03:05

Date proposed operation will begin: 02/26/2024

Procedure Description: API 30-015-54701 Devon Energy Production Co., L.P. (Devon) respectfully requests to move the SHL on the subject well. Please see attached C102, Drill plan, directional plan. From currently permitted: 2156 FSL, 150 FWL SEC 3-21S-27E To proposed: 2096 FSL, 150 FWL, SEC 3-21S-27E Devon Energy Production Company, L.P. respectfully requests approval for a break test variance. Please see the attached documentation. Devon Energy Production Company, L.P. respectfully requests approval for offline cementing variance. Please see the attached documentation.

NOI Attachments

Procedure Description

WA017853890_BURTON_FLAT_3_1_FED_STATE_COM_337H_WL_R7_UPDATED_20240226150203.pdf

BURTON_FLAT_3_1_FED_STATE_COM_337H_Directional_Plan_02_26_24_20240226150143.pdf

Offline_Cementing___Variance_Request_20240226150050.pdf

break_test_variance_BOP_20240226150034.pdf

Well Name: BURTON FLATS 1-1 FED STATE COM	**Well Location:** T21S / R27E / SEC 3 / NWSW / 32.507841 / -104.185648	**County or Parish/State:** EDDY / NM
Well Number: 337H	**Type of Well:** OIL WELL	**Allottee or Tribe Name:**
Lease Number: NMNM0560289	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number:	**Operator:** DEVON ENERGY PRODUCTION COMPANY LP	

Conditions of Approval

Additional

Offline_20240227150629.pdf

Break_20240227150629.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: ARIANNA EVANS

Signed on: FEB 27, 2024 07:43 AM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory

Street Address: 333 W SHERIDAN AVE

City: OKLAHOMA CITY **State:** OK

Phone: (405) 552-4514

Email address: ARIANNA.EVANS@DVN.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 03/01/2024

Signature: Chris Walls

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. NMNM0560289

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

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

8. Well Name and No.
BURTON FLAT 3-1 FED STATE COM/337H

2. Name of Operator DEVON ENERGY PRODUCTION COMPANY LP

9. API Well No.

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

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

10. Field and Pool or Exploratory Area
AVALON/BONE SPRING EAST

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
SEC 3/T21S/R27E/NMP

11. Country or Parish, State
EDDY/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.)

API 30-015-54701

Devon Energy Production Co., L.P. (Devon) respectfully requests to move the SHL on the subject well. Please see attached C102, Drill plan, directional plan.

From currently permitted: 2156 FSL, 150 FWL SEC 3-21S-27E

To proposed: 2096 FSL, 150 FWL, SEC 3-21S-27E

Devon Energy Production Company, L.P. respectfully requests approval for a break test variance. Please see the attached documentation.

Devon Energy Production Company, L.P. respectfully requests approval for offline cementing variance. Please see the attached documentation.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
ARIANNA EVANS / Ph: (405) 552-4514

Title Regulatory

Signature (Electronic Submission)

Date 02/27/2024

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by
CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved

Title Petroleum Engineer

Date 03/01/2024

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: NWSW / 2156 FSL / 150 FWL / TWSP: 21S / RANGE: 27E / SECTION: 3 / LAT: 32.507841 / LONG: -104.185648 (TVD: 0 feet, MD: 0 feet)

PPP: NWSW / 1844 FSL / 604 FWL / TWSP: 21S / RANGE: 27E / SECTION: 3 / LAT: 32.5069917 / LONG: -104.1841906 (TVD: 8722 feet, MD: 9066 feet)

PPP: NWSE / 1835 FSL / 2470 FEL / TWSP: 21S / RANGE: 27E / SECTION: 3 / LAT: 32.5070161 / LONG: -104.176944 (TVD: 8760 feet, MD: 11300 feet)

PPP: NWSW / 1829 FSL / 129 FWL / TWSP: 21S / RANGE: 27E / SECTION: 2 / LAT: 32.507044 / LONG: -104.1685112 (TVD: 8805 feet, MD: 13900 feet)

PPP: NWSW / 1835 FSL / 118 FWL / TWSP: 21S / RANGE: 27E / SECTION: 1 / LAT: 32.5070992 / LONG: -104.1513212 (TVD: 8896 feet, MD: 19200 feet)

PPP: NESW / 1838 FSL / 1518 FWL / TWSP: 21S / RANGE: 27E / SECTION: 1 / LAT: 32.5071133 / LONG: -104.1467804 (TVD: 8920 feet, MD: 20600 feet)

PPP: NWSE / 1841 FSL / 2497 FEL / TWSP: 21S / RANGE: 27E / SECTION: 1 / LAT: 32.5071263 / LONG: -104.142564 (TVD: 8942 feet, MD: 21900 feet)

BHL: NESE / 1846 FSL / 20 FEL / TWSP: 21S / RANGE: 27E / SECTION: 1 / LAT: 32.507151 / LONG: -104.134529 (TVD: 8985 feet, MD: 24377 feet)

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

All Previous COAs Still Apply. Variance request procedure is approved as written, please see below general conditions for variance.

Offline Cementing

Operator has been **(Approved)** to pump the proposed cement program offline in the **Intermediate(s) interval**.

Offline cementing should commence within 24 hours of landing the casing for the interval.

Notify the BLM 4hrs prior to cementing offline at **Eddy County: 575-361-2822**.

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

a. Spudding well (minimum of 24 hours)
b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
c. BOPE tests (minimum of 4 hours)

☒ Eddy County
EMAIL or call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220,
BLM_NM_CFO_DrillingNotifications@BLM.GOV
(575) 361-2822

☒ Lea County
Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240,
(575) 689-5981

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

   a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
   b. When the operator proposes to set surface casing with Spudder Rig
      - Notify the BLM when moving in and removing the Spudder Rig.
      - Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
      - BOP/BOPE test to be conducted per **43 CFR part 3170 Subpart 3172** as soon as 2nd Rig is rigged up on well.

2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

3. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well – vertical portion of hole) shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a

digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends, 2) until cement has been in place at least 24 hours. WOC time will be recorded in the driller's log. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.

3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.

4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.

5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

8. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.

B. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in **43 CFR part 3170 Subpart 3172** and **API STD 53 Sec. 5.3**.

2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.

3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.

4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:

    a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
    c. Manufacturer representative shall install the test plug for the initial BOP test.
    d. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
    e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.

5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.

    a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after

installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).

b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve open. (only applies to single stage cement jobs, prior to the cement setting up.)

c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR part 3170 Subpart 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for water basin (8 hours) or potash (24 hours) or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.

e. The results of the test shall be reported to the appropriate BLM office.

f. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.

g. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

h. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per **43 CFR**

part 3170 Subpart 3172.

C. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

All Previous COAs Still Apply. Variance request procedure is approved as written, please see below general conditions for variance.

A. PRESSURE CONTROL

BOPE Break Testing Variance

- BOPE Break Testing is ONLY permitted for 5M BOPE or less. **(Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP)**
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation.
- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer **(575-706-2779)** prior to the commencement of any BOPE Break Testing operations.
- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted **(575-361-2822 Eddy County)** 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at **21**-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per **43 CFR part 3170 Subpart 3172**.
- If in the event break testing is not utilized, then a full BOPE test would be conducted.

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

a. Spudding well (minimum of 24 hours)
b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
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   b. When the operator proposes to set surface casing with Spudder Rig
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2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

3. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well – vertical portion of hole) shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a

digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends, 2) until cement has been in place at least 24 hours. WOC time will be recorded in the driller's log. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.

3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing intergrity test can be done (prior to the cement setting up) immediately after bumping the plug.

4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.

5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.

7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

8. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.

B. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in **43 CFR part 3170 Subpart 3172** and **API STD 53 Sec. 5.3**.

2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.

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    a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
    c. Manufacturer representative shall install the test plug for the initial BOP test.
    d. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
    e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.

5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.

    a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after

installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).

b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve open. (only applies to single stage cement jobs, prior to the cement setting up.)

c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR part 3170 Subpart 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for water basin (8 hours) or potash (24 hours) or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.

e. The results of the test shall be reported to the appropriate BLM office.

f. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.

g. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

h. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per **43 CFR**

part 3170 Subpart 3172.

C. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

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) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-54701	3713	AVALON BONE SPRING; EAST

Property Code	Property Name	Well Number
334043	BURTON FLAT 3-1 FED STATE COM	337H

OGRID No.	Operator Name	Elevation
6137	DEVON ENERGY PRODUCTION COMPANY, L.P.	3195.5'

Surface Location

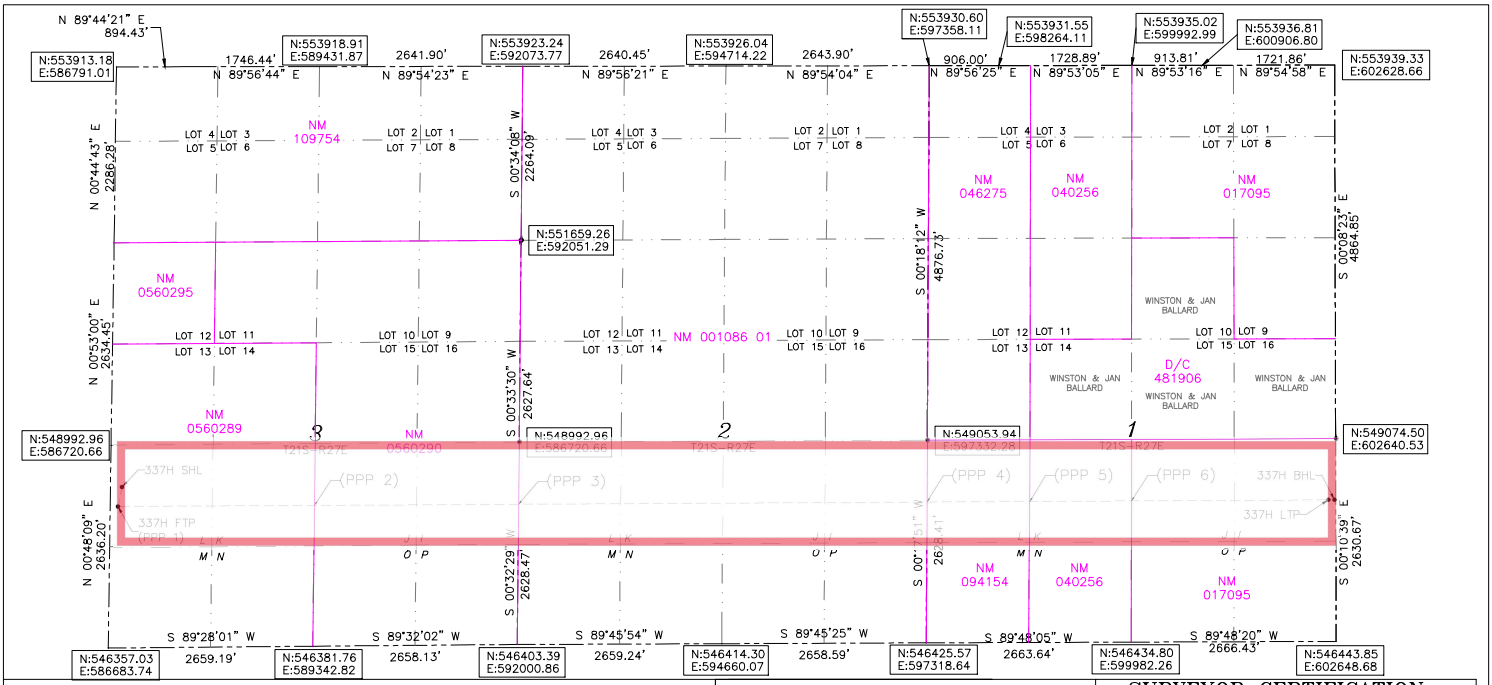
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	3	21-S	27-E		2096	SOUTH	150	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	1	21-S	27-E		1846	SOUTH	20	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
480			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



BURTON FLAT 3-1
FED STATE COM 337H
EL:3195.5'
GEODETIC COORDINATES NAD 83
NMSP EAST SURFACE LOCATION
N:548453.78
E:586863.12
LAT:32.507673
LON:104.185651
KICK OFF POINT
CALLS: 1846 FSL 52FWL
N: 548204
E:586762
LAT: 32.50689174
LON: -104.18606186
FIRST TAKE POINT (PPP 1)
1846' FSL 100' FWL SEC. 3
N:548203.83
E:586809.61
LAT:32.506986
LON:104.185826
LAST TAKE POINT
1846' FSL 100' FEL SEC. 1
N:548289.20
E:602542.96
LAT:32.507151
LON:104.134788

BOTTOM OF HOLE
N:548289.32
E:602622.96
LAT:32.507151
LON:104.134529

PPP 2
1836' FSL 2654' FWL SEC. 3
N:548217.69
E:589364.51
LAT:32.507014
LON:104.177538

PPP 3
1829' FSL 0' FWL SEC. 2
N:548232.09
E:592018.14
LAT:32.507043
LON:104.168930

PPP 4
1835' FSL 0' FWL SEC. 1
N:548260.90
E:597328.17
LAT:32.507099
LON:104.151705

PPP 5
1838' FSL 1335' FWL SEC. 1
N:548268.15
E:598663.08
LAT:32.507112
LON:104.147374

PPP 6
1841' FSL 2657' FWL SEC. 1
N:548275.32
E:599984.89
LAT:32.507125
LON:104.143086

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Arianna Evans 2/26/24
Signature Date

Arianna Evans
Printed Name

Arianna.Evans@dvn.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

02/2024
Signature & Seal of Professional Surveyor

ALBERT R. DEHOYOS NEW MEXICO 23261 PROFESSIONAL SURVEYOR

2/26/24
Certificate No. 23261 Albert R. DeHoyos
DRAWN BY: CM

Intent [X] As Drilled [ ]

API #
30-015-54701

Operator Name:	Property Name:	Well Number
DEVON ENERGY PRODUCTION COMPANY, LP.	BURTON FLAT 3-1 FED STATE COM	337H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	3	21S	27E		1846	SOUTH	52	WEST	EDDY

Latitude	Longitude	NAD
32.50689174	-104.18606186	83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
L	3	21-S	27-E		1846	SOUTH	100	WEST	EDDY

Latitude	Longitude	NAD
32.506986	104.185826	83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
I	1	21-S	27-E		1846	SOUTH	100	EAST	EDDY

Latitude	Longitude	NAD
32.507151	104.134788	83

Is this well the defining well for the Horizontal Spacing Unit? YES

Is this well an infill well? NO

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

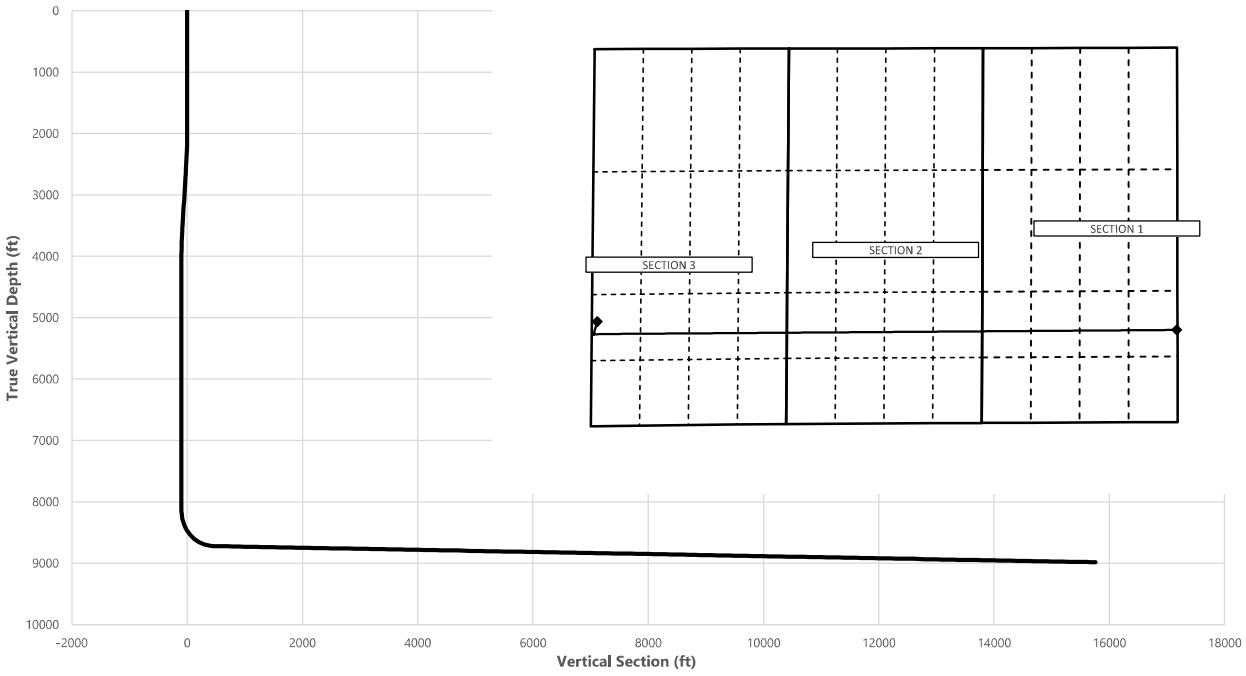
KZ 06/29/2018

devon

Well: BURTON FLAT 3-1 FED STATE COM 337H
County: Eddy
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	202.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	202.00	2497.47	-40.35	-16.30	-15.88	2.00	Hold Tangent
3553.21	10.00	202.00	3534.67	-209.92	-84.81	-82.62	0.00	Drop to Vertical
4053.21	0.00	202.00	4032.14	-250.28	-101.12	-98.50	2.00	Hold Vertical
8170.20	0.00	89.69	8149.13	-250.28	-101.12	-98.50	0.00	KOP
9060.35	89.02	89.69	8722.00	-247.23	461.98	464.54	10.00	Landing Point
24360.69	89.02	89.69	8985.00	-164.46	15759.84	15760.70	0.00	BHL



Key Depths	MD (ft)	TVD (ft)
Rustler	42.00	42.00
Salt	200.00	200.00
Base of Salt	310.00	310.00
Capitan Reef Top	767.00	767.00
Delaware	2654.89	2650.00
Cherry Canyon	2809.23	2802.00
Brushy Canyon	3704.21	3684.00
1st Bone Spring Lime	5111.07	5090.00
Bone Spring 1st	6339.07	6318.00
Bone Spring 2nd	7055.07	7034.00
3rd Bone Spring Lime	7489.07	7468.00
Bone Spring 3rd / Point of Penetratic	8458.02	8425.00
Exit	24280.69	8983.65

	MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
SHL	0.00	0.00	32.5076	-104.1857	2096' FSL, 150' FWL of Sec 3 in T21S, R27E
KOP	8170.20	8149.13	32.5069	-104.1861	1846' FSL, 52' FWL of Sec 3 in T21S, R27E
Point of Penetration	8458.02	8425.00	32.5070	-104.1858	1846' FSL, 100' FWL of Sec 3 in T21S, R27E
Exit	24280.69	8983.65	32.5072	-104.1348	1846' FSL, 100' FEL of Sec 1 in T21S, R27E
BHL	24360.69	8985.00	32.5071	-104.1346	1846' FSL, 20' FEL of Sec 1 in T21S, R27E

	Y	X	MD
KOP	**548204**	**586762**	KOP

devon

Well: BURTON FLAT 3-1 FED STATE COM 337H
County: Eddy
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
42.00	0.00	202.00	42.00	0.00	0.00	0.00	0.00	Rustler
100.00	0.00	202.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	202.00	200.00	0.00	0.00	0.00	0.00	Salt,
300.00	0.00	202.00	300.00	0.00	0.00	0.00	0.00	
310.00	0.00	202.00	310.00	0.00	0.00	0.00	0.00	Base of Salt
400.00	0.00	202.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	202.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	202.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	202.00	700.00	0.00	0.00	0.00	0.00	
767.00	0.00	202.00	767.00	0.00	0.00	0.00	0.00	Capitan Reef Top
800.00	0.00	202.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	202.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	202.00	1000.00	0.00	0.00	0.00	0.00	
1100.00	0.00	202.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	202.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	202.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	202.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	202.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	202.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	202.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	202.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	202.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	202.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	202.00	2099.98	-1.62	-0.65	-0.64	2.00	
2200.00	4.00	202.00	2199.84	-6.47	-2.61	-2.55	2.00	
2300.00	6.00	202.00	2299.45	-14.55	-5.88	-5.73	2.00	
2400.00	8.00	202.00	2398.70	-25.85	-10.44	-10.17	2.00	
2500.00	10.00	202.00	2497.47	-40.35	-16.30	-15.88	2.00	Hold Tangent
2600.00	10.00	202.00	2595.95	-56.45	-22.81	-22.22	0.00	
2654.89	10.00	202.00	2650.00	-65.29	-26.38	-25.70	0.00	Delaware
2700.00	10.00	202.00	2694.43	-72.55	-29.31	-28.55	0.00	
2800.00	10.00	202.00	2792.91	-88.65	-35.82	-34.89	0.00	
2809.23	10.00	202.00	2802.00	-90.14	-36.42	-35.48	0.00	Cherry Canyon
2900.00	10.00	202.00	2891.39	-104.75	-42.32	-41.23	0.00	
3000.00	10.00	202.00	2989.87	-120.86	-48.83	-47.56	0.00	
3100.00	10.00	202.00	3088.35	-136.96	-55.33	-53.90	0.00	
3200.00	10.00	202.00	3186.83	-153.06	-61.84	-60.24	0.00	
3300.00	10.00	202.00	3285.31	-169.16	-68.34	-66.57	0.00	
3400.00	10.00	202.00	3383.79	-185.26	-74.85	-72.91	0.00	
3500.00	10.00	202.00	3482.27	-201.36	-81.35	-79.25	0.00	
3553.21	10.00	202.00	3534.67	-209.92	-84.81	-82.62	0.00	Drop to Vertical
3600.00	9.06	202.00	3580.82	-217.11	-87.72	-85.45	2.00	
3700.00	7.06	202.00	3679.82	-230.11	-92.97	-90.57	2.00	
3704.21	6.98	202.00	3684.00	-230.59	-93.16	-90.75	2.00	Brushy Canyon
3800.00	5.06	202.00	3779.26	-239.91	-96.93	-94.42	2.00	
3900.00	3.06	202.00	3879.00	-246.48	-99.58	-97.01	2.00	
4000.00	1.06	202.00	3978.93	-249.82	-100.93	-98.32	2.00	
4053.21	0.00	202.00	4032.14	-250.28	-101.12	-98.50	2.00	Hold Vertical
4100.00	0.00	89.69	4078.93	-250.28	-101.12	-98.50	0.00	
4200.00	0.00	89.69	4178.93	-250.28	-101.12	-98.50	0.00	
4300.00	0.00	89.69	4278.93	-250.28	-101.12	-98.50	0.00	
4400.00	0.00	89.69	4378.93	-250.28	-101.12	-98.50	0.00	
4500.00	0.00	89.69	4478.93	-250.28	-101.12	-98.50	0.00	
4600.00	0.00	89.69	4578.93	-250.28	-101.12	-98.50	0.00	
4700.00	0.00	89.69	4678.93	-250.28	-101.12	-98.50	0.00	
4800.00	0.00	89.69	4778.93	-250.28	-101.12	-98.50	0.00	
4900.00	0.00	89.69	4878.93	-250.28	-101.12	-98.50	0.00	
5000.00	0.00	89.69	4978.93	-250.28	-101.12	-98.50	0.00	
5100.00	0.00	89.69	5078.93	-250.28	-101.12	-98.50	0.00	
5111.07	0.00	89.69	5090.00	-250.28	-101.12	-98.50	0.00	1st Bone Spring Lime
5200.00	0.00	89.69	5178.93	-250.28	-101.12	-98.50	0.00	
5300.00	0.00	89.69	5278.93	-250.28	-101.12	-98.50	0.00	
5400.00	0.00	89.69	5378.93	-250.28	-101.12	-98.50	0.00	
5500.00	0.00	89.69	5478.93	-250.28	-101.12	-98.50	0.00	
5600.00	0.00	89.69	5578.93	-250.28	-101.12	-98.50	0.00	
5700.00	0.00	89.69	5678.93	-250.28	-101.12	-98.50	0.00	
5800.00	0.00	89.69	5778.93	-250.28	-101.12	-98.50	0.00	
5900.00	0.00	89.69	5878.93	-250.28	-101.12	-98.50	0.00	
6000.00	0.00	89.69	5978.93	-250.28	-101.12	-98.50	0.00	

devon

Well: BURTON FLAT 3-1 FED STATE COM 337H
County: Eddy
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6100.00	0.00	89.69	6078.93	-250.28	-101.12	-98.50	0.00	
6200.00	0.00	89.69	6178.93	-250.28	-101.12	-98.50	0.00	
6300.00	0.00	89.69	6278.93	-250.28	-101.12	-98.50	0.00	
6339.07	0.00	89.69	6318.00	-250.28	-101.12	-98.50	0.00	Bone Spring 1st
6400.00	0.00	89.69	6378.93	-250.28	-101.12	-98.50	0.00	
6500.00	0.00	89.69	6478.93	-250.28	-101.12	-98.50	0.00	
6600.00	0.00	89.69	6578.93	-250.28	-101.12	-98.50	0.00	
6700.00	0.00	89.69	6678.93	-250.28	-101.12	-98.50	0.00	
6800.00	0.00	89.69	6778.93	-250.28	-101.12	-98.50	0.00	
6900.00	0.00	89.69	6878.93	-250.28	-101.12	-98.50	0.00	
7000.00	0.00	89.69	6978.93	-250.28	-101.12	-98.50	0.00	
7055.07	0.00	89.69	7034.00	-250.28	-101.12	-98.50	0.00	Bone Spring 2nd
7100.00	0.00	89.69	7078.93	-250.28	-101.12	-98.50	0.00	
7200.00	0.00	89.69	7178.93	-250.28	-101.12	-98.50	0.00	
7300.00	0.00	89.69	7278.93	-250.28	-101.12	-98.50	0.00	
7400.00	0.00	89.69	7378.93	-250.28	-101.12	-98.50	0.00	
7489.07	0.00	89.69	7468.00	-250.28	-101.12	-98.50	0.00	3rd Bone Spring Lime
7500.00	0.00	89.69	7478.93	-250.28	-101.12	-98.50	0.00	
7600.00	0.00	89.69	7578.93	-250.28	-101.12	-98.50	0.00	
7700.00	0.00	89.69	7678.93	-250.28	-101.12	-98.50	0.00	
7800.00	0.00	89.69	7778.93	-250.28	-101.12	-98.50	0.00	
7900.00	0.00	89.69	7878.93	-250.28	-101.12	-98.50	0.00	
8000.00	0.00	89.69	7978.93	-250.28	-101.12	-98.50	0.00	
8100.00	0.00	89.69	8078.93	-250.28	-101.12	-98.50	0.00	
8170.20	0.00	89.69	8149.13	-250.28	-101.12	-98.50	0.00	KOP
8200.00	2.98	89.69	8178.92	-250.27	-100.34	-97.73	10.00	
8300.00	12.98	89.69	8277.82	-250.20	-86.48	-83.86	10.00	
8400.00	22.98	89.69	8372.82	-250.03	-55.65	-53.04	10.00	
8458.02	28.78	89.69	8425.00	-249.89	-30.33	-27.72	10.00	Bone Spring 3rd / Point of Penetration
8500.00	32.98	89.69	8461.02	-249.78	-8.79	-6.18	10.00	
8600.00	42.98	89.69	8539.74	-249.44	52.67	55.27	10.00	
8700.00	52.98	89.69	8606.59	-249.04	126.86	129.46	10.00	
8800.00	62.98	89.69	8659.55	-248.59	211.54	214.12	10.00	
8900.00	72.98	89.69	8696.99	-248.08	304.13	306.70	10.00	
9000.00	82.98	89.69	8717.79	-247.56	401.81	404.37	10.00	
9060.35	89.02	89.69	8722.00	-247.23	461.98	464.54	10.00	Landing Point
9100.00	89.02	89.69	8722.68	-247.02	501.63	504.18	0.00	
9200.00	89.02	89.69	8724.40	-246.47	601.61	604.15	0.00	
9300.00	89.02	89.69	8726.12	-245.93	701.60	704.12	0.00	
9400.00	89.02	89.69	8727.84	-245.39	801.58	804.10	0.00	
9500.00	89.02	89.69	8729.56	-244.85	901.56	904.07	0.00	
9600.00	89.02	89.69	8731.28	-244.31	1001.55	1004.04	0.00	
9700.00	89.02	89.69	8733.00	-243.77	1101.53	1104.02	0.00	
9800.00	89.02	89.69	8734.71	-243.23	1201.52	1203.99	0.00	
9900.00	89.02	89.69	8736.43	-242.69	1301.50	1303.96	0.00	
10000.00	89.02	89.69	8738.15	-242.15	1401.48	1403.93	0.00	
10100.00	89.02	89.69	8739.87	-241.60	1501.47	1503.91	0.00	
10200.00	89.02	89.69	8741.59	-241.06	1601.45	1603.88	0.00	
10300.00	89.02	89.69	8743.31	-240.52	1701.43	1703.85	0.00	
10400.00	89.02	89.69	8745.03	-239.98	1801.42	1803.82	0.00	
10500.00	89.02	89.69	8746.75	-239.44	1901.40	1903.80	0.00	
10600.00	89.02	89.69	8748.47	-238.90	2001.39	2003.77	0.00	
10700.00	89.02	89.69	8750.19	-238.36	2101.37	2103.74	0.00	
10800.00	89.02	89.69	8751.91	-237.82	2201.35	2203.71	0.00	
10900.00	89.02	89.69	8753.62	-237.28	2301.34	2303.69	0.00	
11000.00	89.02	89.69	8755.34	-236.73	2401.32	2403.66	0.00	
11100.00	89.02	89.69	8757.06	-236.19	2501.30	2503.63	0.00	
11200.00	89.02	89.69	8758.78	-235.65	2601.29	2603.61	0.00	
11300.00	89.02	89.69	8760.50	-235.11	2701.27	2703.58	0.00	
11400.00	89.02	89.69	8762.22	-234.57	2801.26	2803.55	0.00	
11500.00	89.02	89.69	8763.94	-234.03	2901.24	2903.52	0.00	
11600.00	89.02	89.69	8765.66	-233.49	3001.22	3003.50	0.00	
11700.00	89.02	89.69	8767.38	-232.95	3101.21	3103.47	0.00	
11800.00	89.02	89.69	8769.10	-232.41	3201.19	3203.44	0.00	
11900.00	89.02	89.69	8770.82	-231.87	3301.17	3303.41	0.00	
12000.00	89.02	89.69	8772.53	-231.32	3401.16	3403.39	0.00	
12100.00	89.02	89.69	8774.25	-230.78	3501.14	3503.36	0.00	
12200.00	89.02	89.69	8775.97	-230.24	3601.13	3603.33	0.00	
12300.00	89.02	89.69	8777.69	-229.70	3701.11	3703.30	0.00	
12400.00	89.02	89.69	8779.41	-229.16	3801.09	3803.28	0.00	

devon

Well: BURTON FLAT 3-1 FED STATE COM 337H
County: Eddy
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
12500.00	89.02	89.69	8781.13	-228.62	3901.08	3903.25	0.00	
12600.00	89.02	89.69	8782.85	-228.08	4001.06	4003.22	0.00	
12700.00	89.02	89.69	8784.57	-227.54	4101.04	4103.20	0.00	
12800.00	89.02	89.69	8786.29	-227.00	4201.03	4203.17	0.00	
12900.00	89.02	89.69	8788.01	-226.45	4301.01	4303.14	0.00	
13000.00	89.02	89.69	8789.72	-225.91	4401.00	4403.11	0.00	
13100.00	89.02	89.69	8791.44	-225.37	4500.98	4503.09	0.00	
13200.00	89.02	89.69	8793.16	-224.83	4600.96	4603.06	0.00	
13300.00	89.02	89.69	8794.88	-224.29	4700.95	4703.03	0.00	
13400.00	89.02	89.69	8796.60	-223.75	4800.93	4803.00	0.00	
13500.00	89.02	89.69	8798.32	-223.21	4900.91	4902.98	0.00	
13600.00	89.02	89.69	8800.04	-222.67	5000.90	5002.95	0.00	
13700.00	89.02	89.69	8801.76	-222.13	5100.88	5102.92	0.00	
13800.00	89.02	89.69	8803.48	-221.58	5200.87	5202.89	0.00	
13900.00	89.02	89.69	8805.20	-221.04	5300.85	5302.87	0.00	
14000.00	89.02	89.69	8806.92	-220.50	5400.83	5402.84	0.00	
14100.00	89.02	89.69	8808.63	-219.96	5500.82	5502.81	0.00	
14200.00	89.02	89.69	8810.35	-219.42	5600.80	5602.79	0.00	
14300.00	89.02	89.69	8812.07	-218.88	5700.78	5702.76	0.00	
14400.00	89.02	89.69	8813.79	-218.34	5800.77	5802.73	0.00	
14500.00	89.02	89.69	8815.51	-217.80	5900.75	5902.70	0.00	
14600.00	89.02	89.69	8817.23	-217.26	6000.74	6002.68	0.00	
14700.00	89.02	89.69	8818.95	-216.71	6100.72	6102.65	0.00	
14800.00	89.02	89.69	8820.67	-216.17	6200.70	6202.62	0.00	
14900.00	89.02	89.69	8822.39	-215.63	6300.69	6302.59	0.00	
15000.00	89.02	89.69	8824.11	-215.09	6400.67	6402.57	0.00	
15100.00	89.02	89.69	8825.82	-214.55	6500.65	6502.54	0.00	
15200.00	89.02	89.69	8827.54	-214.01	6600.64	6602.51	0.00	
15300.00	89.02	89.69	8829.26	-213.47	6700.62	6702.48	0.00	
15400.00	89.02	89.69	8830.98	-212.93	6800.61	6802.46	0.00	
15500.00	89.02	89.69	8832.70	-212.39	6900.59	6902.43	0.00	
15600.00	89.02	89.69	8834.42	-211.84	7000.57	7002.40	0.00	
15700.00	89.02	89.69	8836.14	-211.30	7100.56	7102.38	0.00	
15800.00	89.02	89.69	8837.86	-210.76	7200.54	7202.35	0.00	
15900.00	89.02	89.69	8839.58	-210.22	7300.52	7302.32	0.00	
16000.00	89.02	89.69	8841.30	-209.68	7400.51	7402.29	0.00	
16100.00	89.02	89.69	8843.02	-209.14	7500.49	7502.27	0.00	
16200.00	89.02	89.69	8844.73	-208.60	7600.48	7602.24	0.00	
16300.00	89.02	89.69	8846.45	-208.06	7700.46	7702.21	0.00	
16400.00	89.02	89.69	8848.17	-207.52	7800.44	7802.18	0.00	
16500.00	89.02	89.69	8849.89	-206.97	7900.43	7902.16	0.00	
16600.00	89.02	89.69	8851.61	-206.43	8000.41	8002.13	0.00	
16700.00	89.02	89.69	8853.33	-205.89	8100.39	8102.10	0.00	
16800.00	89.02	89.69	8855.05	-205.35	8200.38	8202.07	0.00	
16900.00	89.02	89.69	8856.77	-204.81	8300.36	8302.05	0.00	
17000.00	89.02	89.69	8858.49	-204.27	8400.35	8402.02	0.00	
17100.00	89.02	89.69	8860.21	-203.73	8500.33	8501.99	0.00	
17200.00	89.02	89.69	8861.92	-203.19	8600.31	8601.97	0.00	
17300.00	89.02	89.69	8863.64	-202.65	8700.30	8701.94	0.00	
17400.00	89.02	89.69	8865.36	-202.10	8800.28	8801.91	0.00	
17500.00	89.02	89.69	8867.08	-201.56	8900.26	8901.88	0.00	
17600.00	89.02	89.69	8868.80	-201.02	9000.25	9001.86	0.00	
17700.00	89.02	89.69	8870.52	-200.48	9100.23	9101.83	0.00	
17800.00	89.02	89.69	8872.24	-199.94	9200.22	9201.80	0.00	
17900.00	89.02	89.69	8873.96	-199.40	9300.20	9301.77	0.00	
18000.00	89.02	89.69	8875.68	-198.86	9400.18	9401.75	0.00	
18100.00	89.02	89.69	8877.40	-198.32	9500.17	9501.72	0.00	
18200.00	89.02	89.69	8879.12	-197.78	9600.15	9601.69	0.00	
18300.00	89.02	89.69	8880.83	-197.23	9700.13	9701.66	0.00	
18400.00	89.02	89.69	8882.55	-196.69	9800.12	9801.64	0.00	
18500.00	89.02	89.69	8884.27	-196.15	9900.10	9901.61	0.00	
18600.00	89.02	89.69	8885.99	-195.61	10000.09	10001.58	0.00	
18700.00	89.02	89.69	8887.71	-195.07	10100.07	10101.56	0.00	
18800.00	89.02	89.69	8889.43	-194.53	10200.05	10201.53	0.00	
18900.00	89.02	89.69	8891.15	-193.99	10300.04	10301.50	0.00	
19000.00	89.02	89.69	8892.87	-193.45	10400.02	10401.47	0.00	
19100.00	89.02	89.69	8894.59	-192.91	10500.00	10501.45	0.00	
19200.00	89.02	89.69	8896.31	-192.36	10599.99	10601.42	0.00	
19300.00	89.02	89.69	8898.02	-191.82	10699.97	10701.39	0.00	
19400.00	89.02	89.69	8899.74	-191.28	10799.96	10801.36	0.00	

devon

Well: BURTON FLAT 3-1 FED STATE COM 337H
County: Eddy
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Geodetic System: US State Plane 1983
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Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
19500.00	89.02	89.69	8901.46	-190.74	10899.94	10901.34	0.00	
19600.00	89.02	89.69	8903.18	-190.20	10999.92	11001.31	0.00	
19700.00	89.02	89.69	8904.90	-189.66	11099.91	11101.28	0.00	
19800.00	89.02	89.69	8906.62	-189.12	11199.89	11201.25	0.00	
19900.00	89.02	89.69	8908.34	-188.58	11299.87	11301.23	0.00	
20000.00	89.02	89.69	8910.06	-188.04	11399.86	11401.20	0.00	
20100.00	89.02	89.69	8911.78	-187.49	11499.84	11501.17	0.00	
20200.00	89.02	89.69	8913.50	-186.95	11599.83	11601.15	0.00	
20300.00	89.02	89.69	8915.22	-186.41	11699.81	11701.12	0.00	
20400.00	89.02	89.69	8916.93	-185.87	11799.79	11801.09	0.00	
20500.00	89.02	89.69	8918.65	-185.33	11899.78	11901.06	0.00	
20600.00	89.02	89.69	8920.37	-184.79	11999.76	12001.04	0.00	
20700.00	89.02	89.69	8922.09	-184.25	12099.74	12101.01	0.00	
20800.00	89.02	89.69	8923.81	-183.71	12199.73	12200.98	0.00	
20900.00	89.02	89.69	8925.53	-183.17	12299.71	12300.95	0.00	
21000.00	89.02	89.69	8927.25	-182.62	12399.70	12400.93	0.00	
21100.00	89.02	89.69	8928.97	-182.08	12499.68	12500.90	0.00	
21200.00	89.02	89.69	8930.69	-181.54	12599.66	12600.87	0.00	
21300.00	89.02	89.69	8932.41	-181.00	12699.65	12700.84	0.00	
21400.00	89.02	89.69	8934.12	-180.46	12799.63	12800.82	0.00	
21500.00	89.02	89.69	8935.84	-179.92	12899.61	12900.79	0.00	
21600.00	89.02	89.69	8937.56	-179.38	12999.60	13000.76	0.00	
21700.00	89.02	89.69	8939.28	-178.84	13099.58	13100.74	0.00	
21800.00	89.02	89.69	8941.00	-178.30	13199.57	13200.71	0.00	
21900.00	89.02	89.69	8942.72	-177.75	13299.55	13300.68	0.00	
22000.00	89.02	89.69	8944.44	-177.21	13399.53	13400.65	0.00	
22100.00	89.02	89.69	8946.16	-176.67	13499.52	13500.63	0.00	
22200.00	89.02	89.69	8947.88	-176.13	13599.50	13600.60	0.00	
22300.00	89.02	89.69	8949.60	-175.59	13699.49	13700.57	0.00	
22400.00	89.02	89.69	8951.32	-175.05	13799.47	13800.54	0.00	
22500.00	89.02	89.69	8953.03	-174.51	13899.45	13900.52	0.00	
22600.00	89.02	89.69	8954.75	-173.97	13999.44	14000.49	0.00	
22700.00	89.02	89.69	8956.47	-173.43	14099.42	14100.46	0.00	
22800.00	89.02	89.69	8958.19	-172.88	14199.40	14200.43	0.00	
22900.00	89.02	89.69	8959.91	-172.34	14299.39	14300.41	0.00	
23000.00	89.02	89.69	8961.63	-171.80	14399.37	14400.38	0.00	
23100.00	89.02	89.69	8963.35	-171.26	14499.36	14500.35	0.00	
23200.00	89.02	89.69	8965.07	-170.72	14599.34	14600.33	0.00	
23300.00	89.02	89.69	8966.79	-170.18	14699.32	14700.30	0.00	
23400.00	89.02	89.69	8968.51	-169.64	14799.31	14800.27	0.00	
23500.00	89.02	89.69	8970.22	-169.10	14899.29	14900.24	0.00	
23600.00	89.02	89.69	8971.94	-168.56	14999.27	15000.22	0.00	
23700.00	89.02	89.69	8973.66	-168.02	15099.26	15100.19	0.00	
23800.00	89.02	89.69	8975.38	-167.47	15199.24	15200.16	0.00	
23900.00	89.02	89.69	8977.10	-166.93	15299.23	15300.13	0.00	
24000.00	89.02	89.69	8978.82	-166.39	15399.21	15400.11	0.00	
24100.00	89.02	89.69	8980.54	-165.85	15499.19	15500.08	0.00	
24200.00	89.02	89.69	8982.26	-165.31	15599.18	15600.05	0.00	
24280.69	89.02	89.69	8983.65	-164.87	15679.85	15680.72	0.00	Exit
24300.00	89.02	89.69	8983.98	-164.77	15699.16	15700.02	0.00	
24360.69	89.02	89.69	8985.00	-164.46	15759.84	15760.70	0.00	BHL

Offline Cementing

Variance Request

Devon Energy requests to offline cement on intermediate strings that are set in formations shallower than the Wolfcamp. Prior to commencing offline cementing operations, the well will be monitored for any abnormal pressures and confirmed to be static. A dual manifold system (equipped with chokes) for the returns will also be utilized as a redundancy. All equipment used for offline cementing will have a minimum 5M rating to match intermediate sections' 5M BOPE requirements.

Section 2 - Blowout Preventer Testing Procedure

Variance Request

Devon Energy requests to only test BOP connection breaks after drilling out of surface casing and while skidding between wells which conforms to API Standard 53 and industry standards. This test will include the Top Pipe Rams, HCR, Kill Line Check Valve, QDC (quick disconnect to wellhead) and Shell of the 10M BOPE to 5M for 10 minutes. If a break to the flex hose that runs to the choke manifold is required due to repositioning from a skid, the HCR will remain open during the shell test to include that additional break. The variance only pertains to intermediate hole-sections and no deeper than the Bone Springs Formation where 5M BOP tests are required. The initial BOP test will follow OOGO2.III.A.2.i, and subsequent tests following a skid will only test connections that are broken. The annular preventer will be tested to 100% working pressure. This variance will meet or exceed OOGO2.III.A.2.i per the following: Devon Energy will perform a full BOP test per OOGO2.III.A.2.i before drilling out of the intermediate casing string(s) and starting the production hole, before starting any hole section that requires a 10M test, before the expiration of the allotted 14-days for 5M intermediate batch drilling or when the drilling rig is fully mobilized to a new well pad, whichever is sooner. We will utilize a 200' TVD tolerance between intermediate shoes as the cutoff for a full BOP test. The BLM will be contacted 4hrs prior to a BOPE test. The BLM will be notified if and when a well control event is encountered. Break test will be a 14 day interval and not a 30 day full BOPE test interval. If in the event break testing is not utilized, then a full BOPE test would be conducted.

1. Well Control Response:

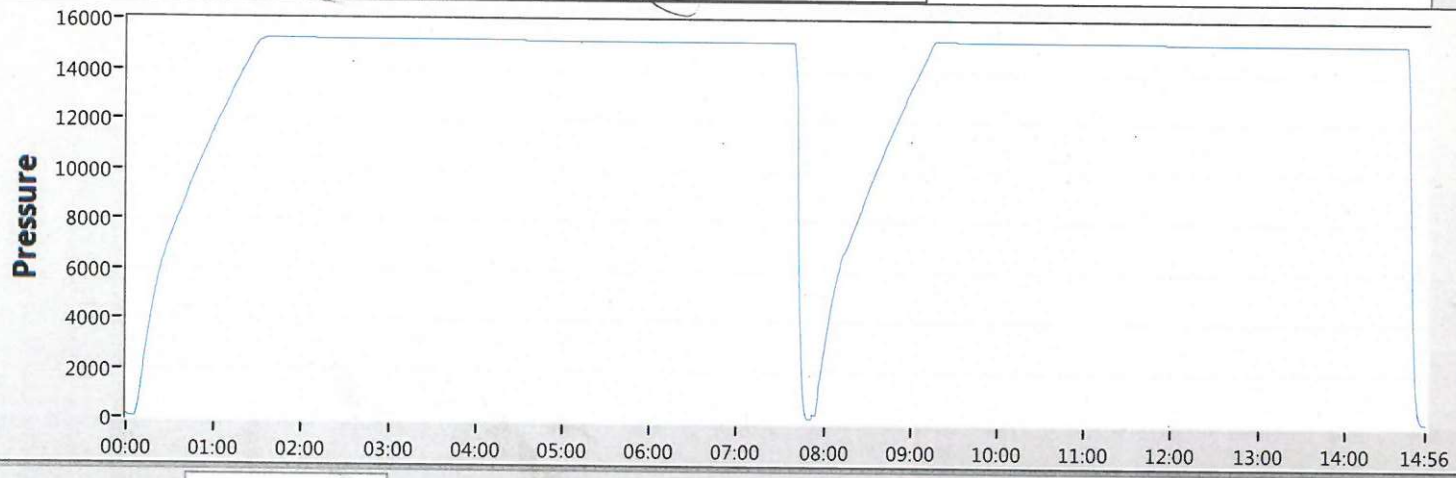
1. Primary barrier remains fluid
2. In the event of an influx due to being underbalanced and after a realized gain or flow, the order of closing BOPE is as follows:
   a) Annular first
   b) If annular were to not hold, Upper pipe rams second (which were tested on the skid BOP test)
   c) If the Upper Pipe Rams were to not hold, Lower Pipe Rams would be third

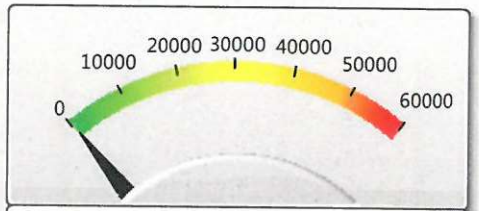
Cactus Wellhead

2-9-17 EBell

80.7 °F

15:49





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Date 02-09-17

Tested By E.BELL

Transducer bay2

Transducer Serial 181504

Calibration Date 9/6/15

	Job#	Part#	Serial#	Description	Test Pressure
1	TRJ0006341-0007	116966	TRJ6341-7-1	ADPT,DRLG,CW,MBU-3T,13-5/8 10M	15000
2					
3					
4					
5				TRANSDUCER CALIBRATION DUE 03/13/2017	
6					
7					
8					

Start | Stop | Zero | Config | Save | Print | EXIT

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 395024

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 395024
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Prior to the submission of this C-104, there was a C-103 NOI submitted for approval. The C-103 NOI was not approved or rejected; however, the work requested in the C-103 NOI was performed and completed without NMOCD approval. This action is currently under review from our legal department.	12/4/2024