

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

Well Name: COTTON DRAW

Well Location: T25S / R31E / SEC 3 /
SWSE / 32.1529045 / -103.7635919

County or Parish/State: EDDY /
NM

Well Number: 89

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMNM046525

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001531381

Operator: DEVON ENERGY
PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2821824

Type of Submission: Notice of Intent

Type of Action: Workover Operations

Date Sundry Submitted: 11/11/2024

Time Sundry Submitted: 11:14

Date proposed operation will begin: 11/18/2024

Procedure Description: Devon Energy Production Company, LP respectfully request approval for the upgrade to the subject well. The Cotton Draw Unit #089 SWD, which is one of three Devon-owned SWD wells that supports produced water disposal in the Cotton Draw area, has been identified as a candidate for a well construction upgrade. Devon has been strategically replacing injection strings with an upgraded fiberglass-lined tubing design with premium gas-tight connections and Inconel corrosion resistant alloy permanent packer and anchor latch seal assembly to provide improved corrosion and erosion resistance. Devon plans to mobilize a workover rig to the Cotton Draw Unit #089 SWD on or about 11/18/2024 to pull the internally plastic-coated injection tubing and AS1-X retrievable packer, replace the tubing head, run a casing inspection log, pressure test the casing, wireline set a new Inconel corrosion resistant alloy permanent packer, and install new fiberglass-lined tubing with premium gas-tight connections and Inconel anchor latch seal assembly. Post-workover MIT is forecasted for 12/16/2024. Please see the attached supporting documentation.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

NOI__CDU_89_SWD_Upgrade_Procedure_FULL_20241111111423.pdf

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US Well Number: 3001531381

Operator: DEVON ENERGY
PRODUCTION COMPANY LP

Conditions of Approval

Specialist Review

Workover_or_Vertical_Deepen_COA_20241113161514.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: CHELSEY GREEN

Signed on: NOV 11, 2024 11:14 AM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory Compliance Professional

Street Address: 333 WEST SHERIDAN AVENUE

City: OKLAHOMA CITY

State: OK

Phone: (405) 228-8595

Email address: CHELSEY.GREEN@DVN.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Approved

Disposition Date: 11/13/2024

Signature: Jonathon Shepard

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.

5. Lease Serial No. NMNM046525	
6. If Indian, Allottee or Tribe Name	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No. COTTON DRAW/89	
9. API Well No. 3001531381	
10. Field and Pool or Exploratory Area PADUCA/PADUCA	11. Country or Parish, State EDDY/NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

2. Name of Operator DEVON ENERGY PRODUCTION COMPANY LP

3a. Address 333 WEST SHERIDAN AVE, OKLAHOMA CITY, 3b. Phone No. (include area code) (405) 235-3611

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 3/T25S/R31E/NMP

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 performed 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.)

Devon Energy Production Company, LP respectfully request approval for the upgrade to the subject well.

The Cotton Draw Unit #089 SWD, which is one of three Devon-owned SWD wells that supports produced water disposal in the Cotton Draw area, has been identified as a candidate for a well construction upgrade. Devon has been strategically replacing injection strings with an upgraded fiberglass-lined tubing design with premium gas-tight connections and Inconel corrosion resistant alloy permanent packer and anchor latch seal assembly to provide improved corrosion and erosion resistance.

Devon plans to mobilize a workover rig to the Cotton Draw Unit #089 SWD on or about 11/18/2024 to pull the internally plastic-coated injection tubing and AS1-X retrievable packer, replace the tubing head, run a casing inspection log, pressure test the casing, wireline set a new Inconel corrosion resistant alloy permanent packer, and install new fiberglass-lined tubing with premium gas-tight connections and Inconel anchor latch seal assembly. Post-workover MIT is forecasted for 12/16/2024.

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) CHELSEY GREEN / Ph: (405) 228-8595	Title Regulatory Compliance Professional
Signature (Electronic Submission)	Date 11/11/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by JONATHON W SHEPARD / Ph: (575) 234-5972 / Approved	Title Petroleum Engineer	Date 11/13/2024
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 of this form to U.S. Department of the Interior, Bureau of Land 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

Additional Remarks

Please see the attached supporting documentation.

Location of Well

0. SHL: SWSE / 250 FSL / 1980 FEL / TWSP: 25S / RANGE: 31E / SECTION: 3 / LAT: 32.1529045 / LONG: -103.7635919 (TVD: 0 feet, MD: 0 feet)

BHL: SWSE / 110 FSL / 1824 FEL / TWSP: 25S / RANGE: 31E / SECTION: 3 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)



CDU 89 SWD – General Upgrade Procedure

10/22/2024

Well Name: CDU 89 SWD**API:** 30-015-31381**Location:** 250' FSL / 1,980' FEL of SEC 3-T25S-R31E**County:** Eddy, NM**Current Well Status:** Plan to mobilize a workover rig after approval is granted to proceed.**Objective:** Pull existing IPC tubing and AS1-X retrievable packer, replace the tubing head, run a casing inspection log, pressure test the casing, wireline set a new Inconel corrosion resistant alloy permanent packer, and install new fiberglass-lined tubing with premium gas-tight connections and Inconel anchor latch seal assembly. Schedule and perform official MIT with NMOCD.

1. MIRU workover rig and all related equipment.
2. Record SITP and SICP. Bleed down any pressure that may be present on tubing or casing to tank, recording whether gas or fluid and volume recovered, if any. Monitor for H2S when blowing down.
3. Install BPV in tubing hanger.
4. ND injection tree.
5. Install lift sub with TIW valve.
6. NU 7-1/16" 5K BOPE.
7. Retrieve BPV and install 2-way check.
8. Test BOPE to 5,000 psi.
9. Retrieve 2-way check.
10. Release packer per tool supervisor's recommendation. Fluid may U-tube up casing.
11. Lay down and inspect all the following injection tubing assembly currently in the hole:
 - Tubing hanger (**scrap**)
 - 370 joints of 3-1/2" IPC tubing
 - 3-1/2" EUE 8rd box x 2-7/8" EUE 8rd pin XO
 - 165 joints of 2-7/8" IPC tubing
 - 2-7/8" EUE 8rd x 2-3/8" EUE 8rd XO
 - On/Off Tool and 5" X 2-3/8" Nickel-coated AS1-X packer/tail pipe assembly (**scrap**)
12. Drift and tally 2-7/8" 7.90# P110 PH6 work string.
13. TIH with 7" RBP on 2-7/8" PH6 tubing and set @ ~1,500'.
14. Dump sand on top of RBP.
15. TOH SB 2-7/8" PH6 tubing in derrick.
16. ND 7-1/16" 5K BOPE.
17. Remove existing 11" 5K x 7-1/16" 5K tubing head (**scrap**).
18. Clean and prep top of 11" 5K casing head.
19. Install new 11" 5K x 7-1/16" 5K tubing head and test void to 5,000 psi.
20. NU 7-1/16" 5K BOPE.
21. Function test 5K BOPE.
22. TIH with 2-7/8" PH6 tubing, wash sand, and retrieve RBP.
23. TOH SB 2-7/8" PH6 tubing in derrick and LD RBP.
24. TIH with 4-1/8" tricone bit and 5" casing scraper on 2-7/8" PH6 tubing to 17,036' (10' above top of open hole interval at 17,046').
25. TOH SB 2-7/8" PH6 tubing in derrick and LD bit and scraper.
26. Flush casing with 150 bbl 10 ppg brine.
27. MIRU Baker WL and related PCE to run Vertilog on 5" production liner casing.
28. TIH with Baker-recommended GR/JB/CCL to planned log depth.
29. POH with GR/JB/CCL.



CDU 89 SWD – General Upgrade Procedure

10/22/2024

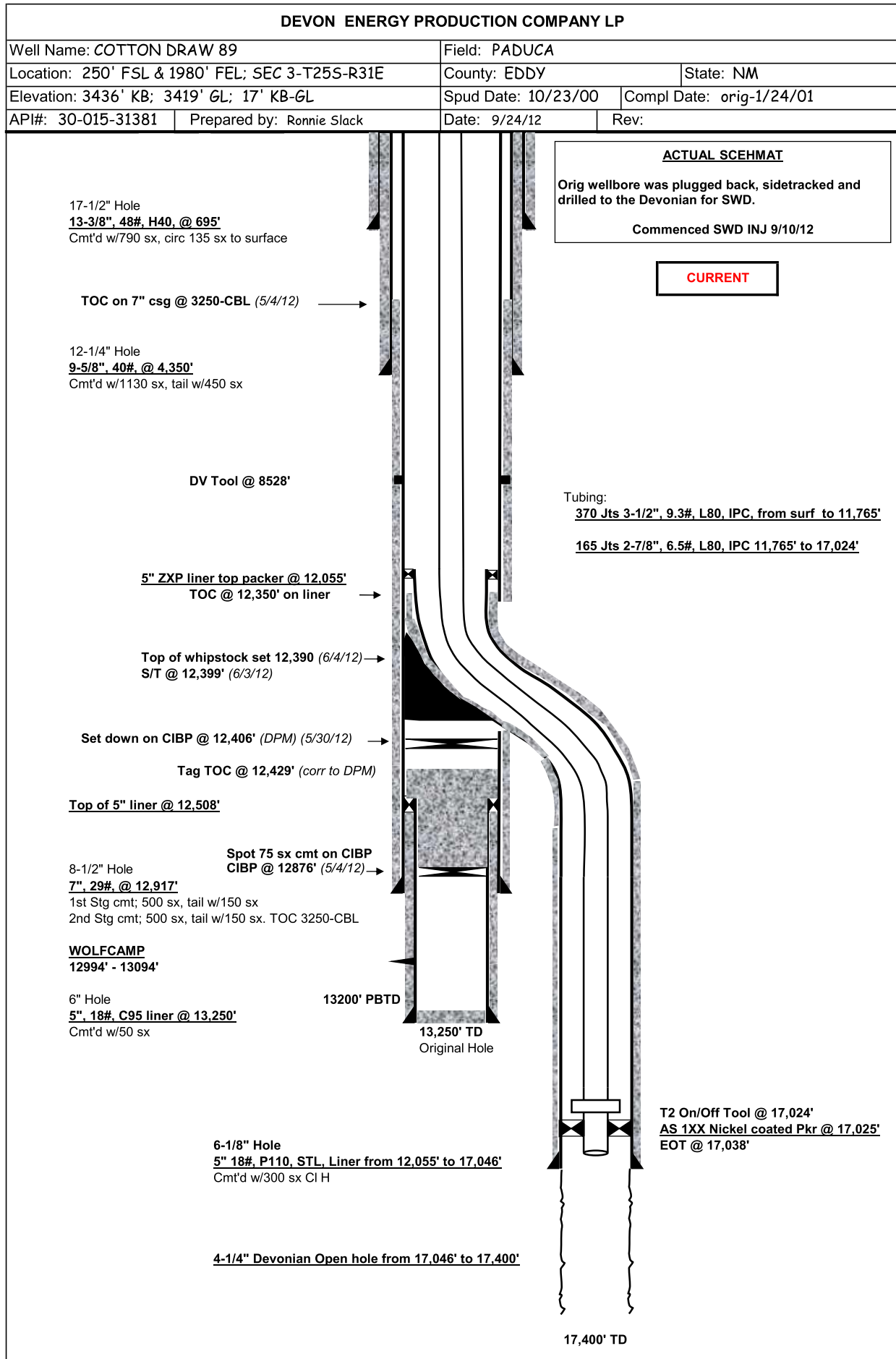
30. TIH with Vertilog tools to 17,036' (10' above top of OH interval at 17,046') and log to TOL at 12,055'.
31. RDMO Baker WL and related PCE.
32. TIH with tandem 5" RBP/packer on 2-7/8" PH6 tubing to 17,020' (planned packer depth).
 - NOTE: setting depths may adjust depending upon casing inspection log results.
33. Set RBP.
34. PUH 5'-10' and set packer.
35. Pressure test down tubing against RBP to 1,000 psi for 10 min to ensure set and holding pressure with no leak off. Bleed down to zero.
36. Pressure test down backside against packer to 1,000 psi for 30 min to test casing integrity. Record results in WellView. Bleed down to zero.
 - If casing fails to test (loses more than 10% test pressure in 30 min), move up hole testing but no higher than 16,946'. Per NMOCD, packer must be set within 100' of top of OH (16,946' – 17,046')
37. Unseat packer, latch onto RBP, unseat RBP, and TOH LD 2-7/8" PH6 tubing and tandem RBP/packer.
38. MIRU API WL and prep to install new 5" Halliburton UNS Inconel 925 permanent packer system.
39. Ensure Halliburton service tech is present and oversees proper running protocol is followed for making up, running, and setting the new permanent packer on WL.
40. TIH with Halliburton-recommended GR/JB/CCL to setting depth.
41. TIH with new permanent packer on WL per Halliburton recommendation and set at planned packer depth.
42. TOH and RDMO API WL.
43. Load 2-7/8" 6.50# L80 BTS-8-FO-FGL CLS Glassbore fiberglass lined tubing onto racks and clean/tally.
44. Load 4-1/2" 11.60# P110HC TCPC CLS Glassbore fiberglass lined tubing onto racks and clean/tally.
 - Set of 4-1/2" 11.60# P110HC TCPC CLS Glassbore fiberglass lined pups ready to go (2', 4', 6', 8', 10', 12') for spacing out
45. Ensure CLS service tech and Patriot thread rep are present to clean/inspect threads, apply proper thread compound, and oversee proper running protocol is followed for making up and running all 4-1/2" TCPC and 2-7/8" BTS-8-FO-FGL fiberglass lined tubing.
 - Ensure lift nubbins for 2-7/8" BTS-8-FO-FGL tubing and XO's for TIW valves on both 4-1/2" TCPC and 2-7/8" BTS-8-FO-FGL are on location. Will also require slip-type elevators and drill collar clamp for running 2-7/8" BTS-8-FO-FGL integral joint connections.
 - Put thread protectors on pin ends when pulling up ramp to rig floor. CLS/Patriot will provide stabbing guide for stabbing joints for make-up.
46. Ensure Halliburton service tech is present and oversees proper protocol is followed for picking up seal assembly and stinging into packer.
47. RU Frank's International casing crew and torque turn tools.
48. MU and TIH all the following injection tubing assembly:
 - Sealing Assembly: 2-1/4" VTP Seal Assembly, 2-7/8" x 2-1/4" No-go Locator, 2-7/8" Profile Nipple with 1.875" X Profile, 2-7/8" BTS-8 Accessory Box x 2-7/8" CS Hydril Pin XO, and 2-7/8" 6.50# L80 BTS-8-FO-FGL CLS Glassbore Fiberglass Lined Joint
 - ~159 Joints of 2-7/8" 6.50# L80 BTS-8-FO-FGL CLS Glassbore Fiberglass Lined Tubing
 - 4-1/2" TCPC Accessory Box x 2-7/8" BTS-8 Pin XO
 - ~284 Joints of 4-1/2" 11.60# P110HC TCPC CLS Glassbore Fiberglass Lined Tubing
 - Hanger Assembly: 4-1/2" 11.60# P110HC TCPC CLS Glassbore Fiberglass Lined Joint, 4-1/2" BTC Pin x 4-1/2" TCPC Accessory Box XO, and 4-1/2" Tubing Hanger
49. Sting into packer per Halliburton recommendation with seal assembly and perform preliminary MIT on annulus to 1,000 psi for 30 min and record in WellView.
50. Sting out of packer per Halliburton recommendation.
51. Space out in order to sting back into packer.

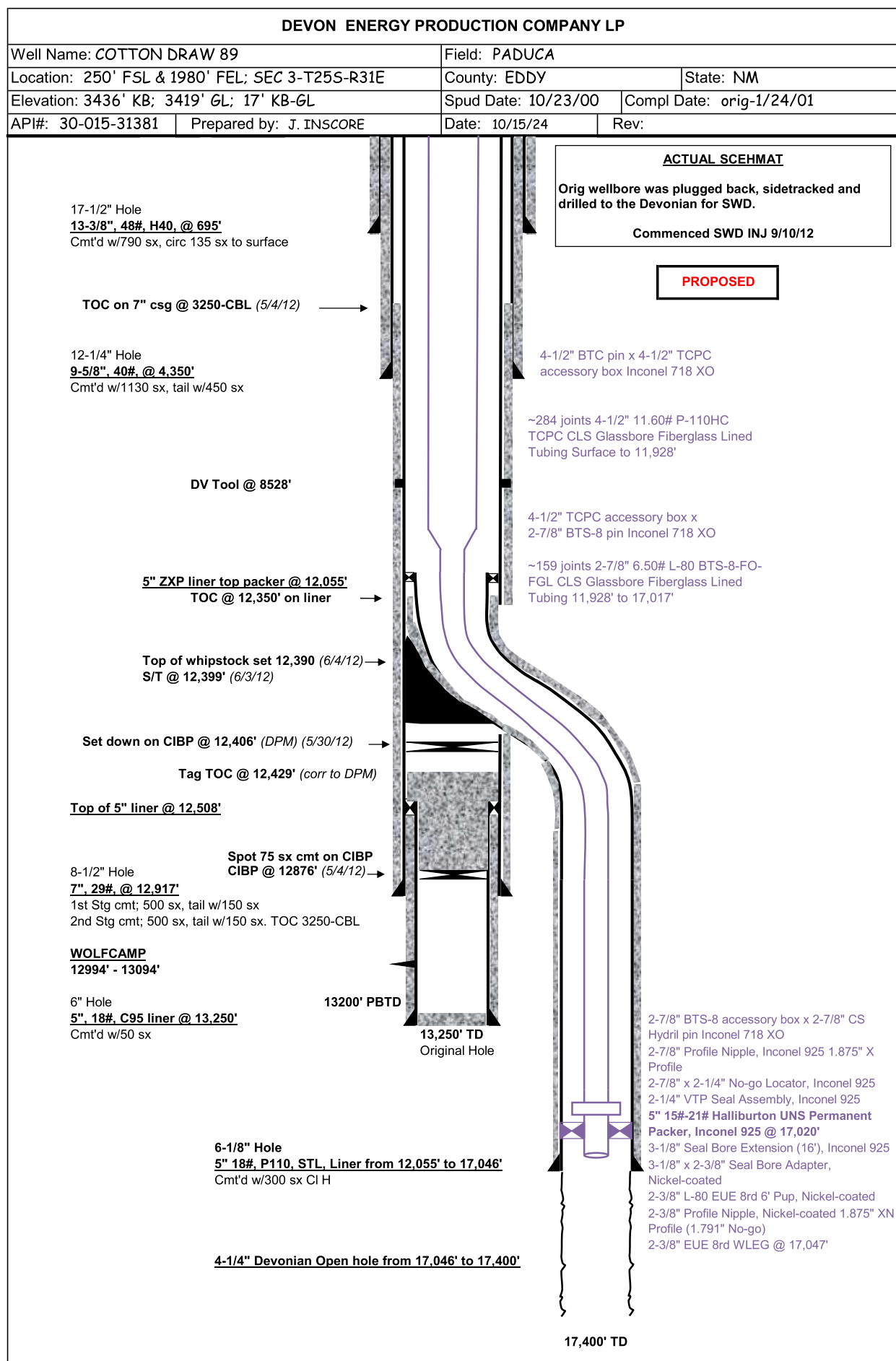


CDU 89 SWD – General Upgrade Procedure

10/22/2024

52. Circulate inhibited 10 ppg brine packer fluid with biocide down annulus.
53. Sting back into packer and land tubing hanger per Halliburton recommendation. Engineer to communicate TubeMove calculations with recommended compression.
 - Will need 4-1/2" 11.60# P110 BTC landing sub for tubing hanger
54. Install BPV in tubing hanger.
55. ND 7-1/16" 5K BOPE.
56. RD Frank's International casing crew.
57. NU new injection tree and test void to 5,000 psi.
58. Retrieve BPV.
59. Perform preliminary MIT on annulus to 500 psi for 30 min and record.
60. RDMO workover rig and all related equipment.
61. Secure well.
62. Notify and set up NMOCD for official MIT with chart recorder.





BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Conditions of Approval for Workover/Deepening of a Well

1. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-689-5981
2. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
3. Cement: Notify BLM if cement fails to circulate.
4. Subsequent Reporting: Within 30 days after work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the work was carried out. Show date work was completed. If producing a new zone, submit a Completion Report (Form 3160-4) with the Subsequent Report.
5. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.
6. If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken: From March 1st through June 15th annually, activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 405550

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 405550
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	Ensure the packer is not set more than 100 ft above the top part of the injection interval. Additionally, please provide OCD with the friction calculation showing the pressure loss saved due to the tube enlargement in your subsequent report.	6/25/2025