Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO. 30-015-41783

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name: HACKBERRY 16 SWD

1. Type of Well: Oil Well [ ] Gas Well [X] Other SWD

8. Well Number 1

2. Name of Operator: DEVON ENERGY PRODUCTION COMPANY, LP

9. OGRID Number 6317

3. Address of Operator: 333 W SHERIDAN AVE, OKLAHOMA CITY, OK 73102

10. Pool name or Wildcat: [97775] SWD; DEV-FUS-MON-SIMP-ELL

4. Well Location
Unit Letter M : 330 feet from the SOUTH line and 280 feet from the WEST line
Section 16 Township 19S Range 31E NMPM County EDDY

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)* 3466

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| PERFORM REMEDIAL WORK | [X] | PLUG AND ABANDON | [ ] | REMEDIAL WORK | [ ] | ALTERING CASING | [ ] |
| TEMPORARILY ABANDON | [ ] | CHANGE PLANS | [ ] | COMMENCE DRILLING OPNS. | [ ] | P AND A | [ ] |
| PULL OR ALTER CASING | [ ] | MULTIPLE COMPL | [ ] | CASING/CEMENT JOB | [ ] | | |
| DOWNHOLE COMMINGLE | [ ] | | | | | | |
| CLOSED-LOOP SYSTEM | [ ] | | | | | | |
| OTHER: | [ ] | | | OTHER: | | | [ ] |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

NOI for Repair-
Devon Energy Production Company, LP respectfully request approval for the following remedial work:

The Hackberry 16 SWD 1, which is the only Devon owned SWD that supports Devon produced water disposal in the Hackberry area, recently presented with pressure on the annulus. Pressure diagnostic testing appeared to indicate a leak in the tubing to the annulus, with an issue presenting in the fiberglass lined tubing or AS1-X retrievable packer assembly. More likely, the issue is at the packer as this is an old inferior downhole design and will be upgraded with and a permanent packer assembly. Devon has been strategically replacing injection strings with an upgraded fiberglass-lined tubing design as well integrity is found compromised across the fields to increase the robustness of the liner material and provide improved corrosion and erosion resistance. Devon plans to mobilize a workover rig to the Hackberry 16 SWD 1 on or about 03/20/2023 to pull the failed injection tubing and packer, wireline set a new permanent packer, and install new fiberglass-lined tubing with a ratch latch seal assembly to restore well integrity. Official MIT is forecasted for 03/27/2023.

Please see the attached procedure.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Chelsey Green TITLE REGULATORY PROFESSIONAL DATE 03/13/2023

Type or print name CHELSEY GREEN E-mail address: chelsey.green@dvn.com PHONE: 405-228-8595

**For State Use Only**

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any):

# Hackberry 16 SWD 1 - General Repair Procedure

3/6/2023

**Well Name:** Hackberry 16 SWD 1 **API:** 30-015-41783
**Location:** 330' FSL, 280'FWL, Sec. 16-T19S-R31E **County:** Eddy, NM

**Current Well Status:** Plan to mobilize a workover rig on or about 3/20/2023.
**Objective:** Replace inferior AS1-X retrievable packer assembly and 4-1/2" fiberglass-lined tubing string with upgraded Nickel 925 corrosion resistant alloy permanent packer and anchor latch seal assembly and 4-1/2" fiberglass-lined tubing. Perform mechanical cleanout on 7" perforated injection interval and pump fit-for-purpose acid treatment.

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 old injection tree (scrap).
5. Install lift sub with TIW valve.
6. NU 7-1/16" 5K BOPE and function test.
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. LD and inspect all the following injection tubing assembly currently in the hole:
    - Tubing hanger. **Send hanger in for inspection.**
    - 314 joints of 4-1/2" fiberglass-lined tubing
    - 4-1/2" BTC box X 3-1/2" EUE 8rd pin Inconel 925 XO
    - T2 On/Off Tool w/ 2.813" X Nipple
    - Nickel Coated ArrowSet Packer System and tail pipe assembly. **Send on/off tool and packer/tail pipe assembly in for inspection.**
12. Drift and tally 2-7/8" 7.90# P110 PH6 work string.
13. TIH with 6-1/8" tricone bit, XO, drill collars, XO, 2-7/8" PH6 tubing, XO, bumper sub, oil jar, XO, landing nipple, XO, and remaining 2-7/8" PH6 tubing.
14. Tag top of fill and rig up stripper rubber and swivel.
15. Break circulation by reverse circulating and begin washing through fill.
16. Attempt to make hole to PBTD (~14,755' – approximately 10' above bottom open hole interval depth)
17. Circulate bottoms up and TOH SB 2-7/8" PH6 tubing in derrick and LD tools.
18. TIH with 6-1/8" tricone bit and 7" casing scraper on 2-7/8" PH6 tubing to 13,338' (~10' above 7" casing seat depth)
19. TOH SB 2-7/8" PH6 tubing and LD bit and scraper.
20. Flush casing with 100 bbl 10 ppg brine.
21. TIH with 7" RBP on 2-7/8" PH6 tubing and set at approx. 1,500'.
22. Confirm set and TOH SB 2-7/8" PH-6 tubing in derrick.
23. ND 7-1/16" 5K BOPE.
24. Remove existing tubing head (scrap).
25. Clean and prep top of casing head.
26. Install new tubing head and test void to 5,000 psi.
27. NU 7-1/16" 5K BOPE and function test.
28. TIH with latch assembly and tandem packer on 2-7/8" PH6 tubing.

29. Latch onto RBP, unseat, and continue in hole.
30. Set RBP at approx. 13,338' or deepest depth scraped above perfs.
31. PUH 5'-10' and set packer.
32. Pressure test down tubing against RBP to 1,000 psi for 10 min to ensure set and holding pressure with no leak off. Record results in WellView. Bleed down to zero.
33. Pressure test down backside against packer to 1,000 psi for 10 min to test casing integrity. Record results in WellView. Bleed down to zero.
34. Unseat packer, latch onto RBP, unseat RBP, and TOH LD 2-7/8" PH-6 tubing and tandem RBP/packer.
35. MIRU WL and prep to install new 7" Baker TWA Nickel 925 permanent packer system.
36. Ensure Baker service tech is present and oversees proper running protocol is followed for making up, running, and setting the new permanent packer on WL.
37. TIH with Baker-recommended GR/JB to setting depth.
38. TIH with the new permanent packer on WL per Baker recommendation and set.
39. TOH and RDMO WL.
40. Load 4-1/2" 11.6# P110HC BTC CLA Glassbore fiberglass lined tubing onto racks and clean/tally.
    - Set of 4-1/2" 11.6# P110HC BTC CLA Glassbore fiberglass lined pups ready to go (2', 4', 6', 8', 10') for spacing out
41. Ensure Tuboscope service tech is present and oversee proper running protocol is followed for making up and running all fiberglass-lined injection tubing.
42. MU and TIH all the following injection tubing assembly:
    - 4-1/2" anchor latch seal assembly
    - 4-1/2" Nipple 3.437" GOR profile
    - ~315 joints of 4-1/2" 11.6# P110 fiberglass-lined tubing
    - Tubing Hanger
43. Sting into packer per Baker recommendation with seal assembly and perform preliminary MIT on annulus to 1,000 psi for 30 min and record in WellView.
44. Sting out of packer per Baker recommendation.
45. Space out to sting back into packer.
46. Circulate inhibited 10 ppg brine packer fluid with biocide.
47. Land tubing hanger per Baker recommendation. Engineer to communicate TubeMove calculations with recommended compression.
48. Install BPV in tubing hanger.
49. ND 7-1/16" 5K BOPE.
50. NU new injection tree and test void to 5,000 psi.
51. Retrieve BPV.
52. Perform preliminary MIT on annulus to 500 psi for 30 min and record.
53. RDMO workover rig and all related equipment.
54. MIRU pressure pumping services to wellhead.
55. Pressure up on annulus to 200 psi and monitor throughout job.
56. Pump prescribed fit-for-purpose acid treatment.
57. Bleed pressure off annulus.
58. RDMO pressure pumping services.
59. Secure well.
60. Notify and set up NMOCD for official MIT with chart recorder.

devon

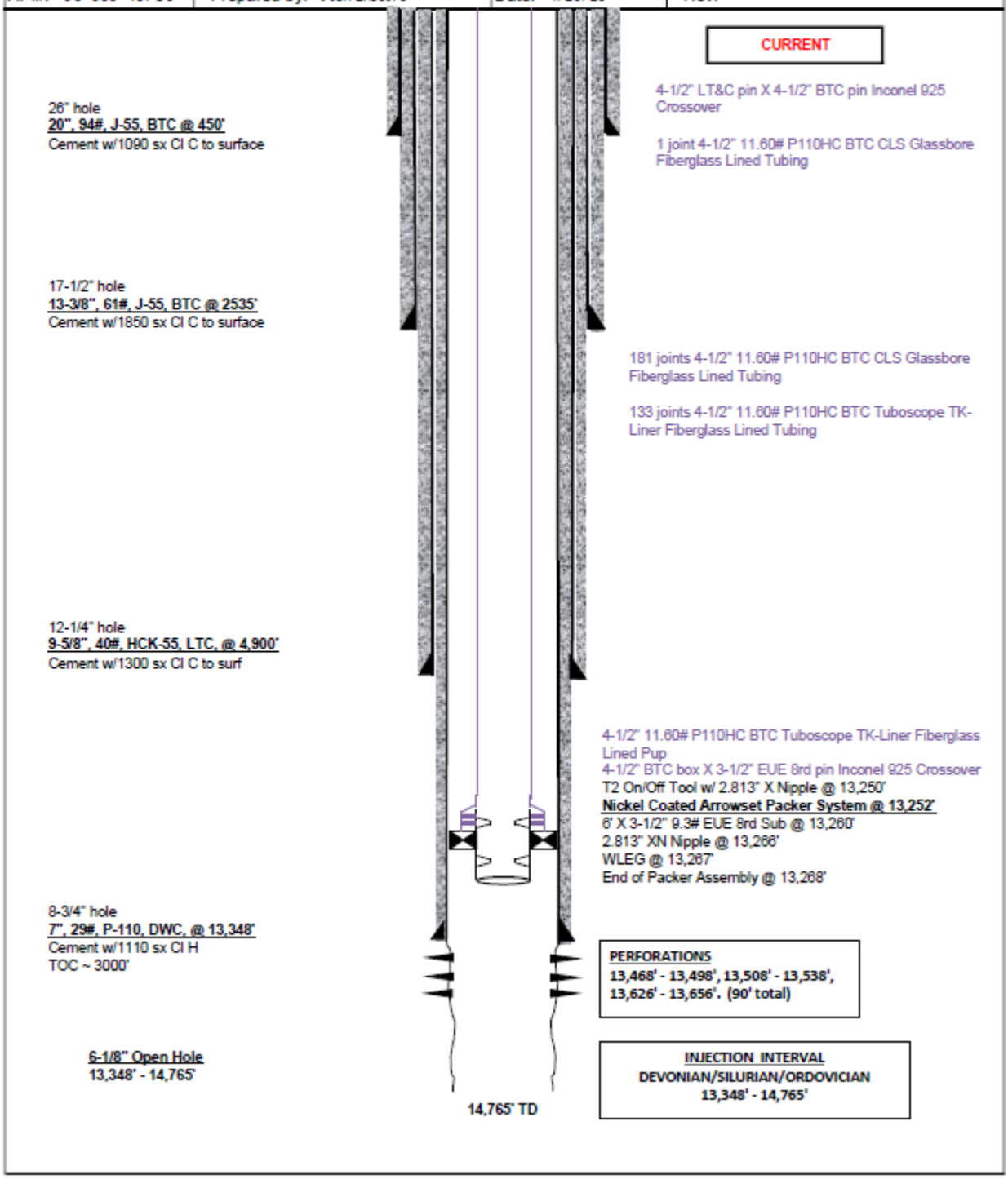
# Hackberry 16 SWD 1 - General Repair Procedure

3/6/2023

## CURRENT WELLBORE DIAGRAM

**DEVON ENERGY PRODUCTION COMPANY LP**

| | | | |
|---|---|---|---|
| Well Name: HACKBERRY 16 SWD #1 | | Field: HACKBERRY | |
| Location: Sec 16 - 19S-31E ; 330' FSL & 280' FWL | | County: EDDY | State: NM |
| Elevation: 3466.2 | | Spud Date: 6/9/14 | Compl Date: N/A |
| API#: 30-015-41783 | Prepared by: Josh Inscore | Date: 4/25/21 | Rev: |



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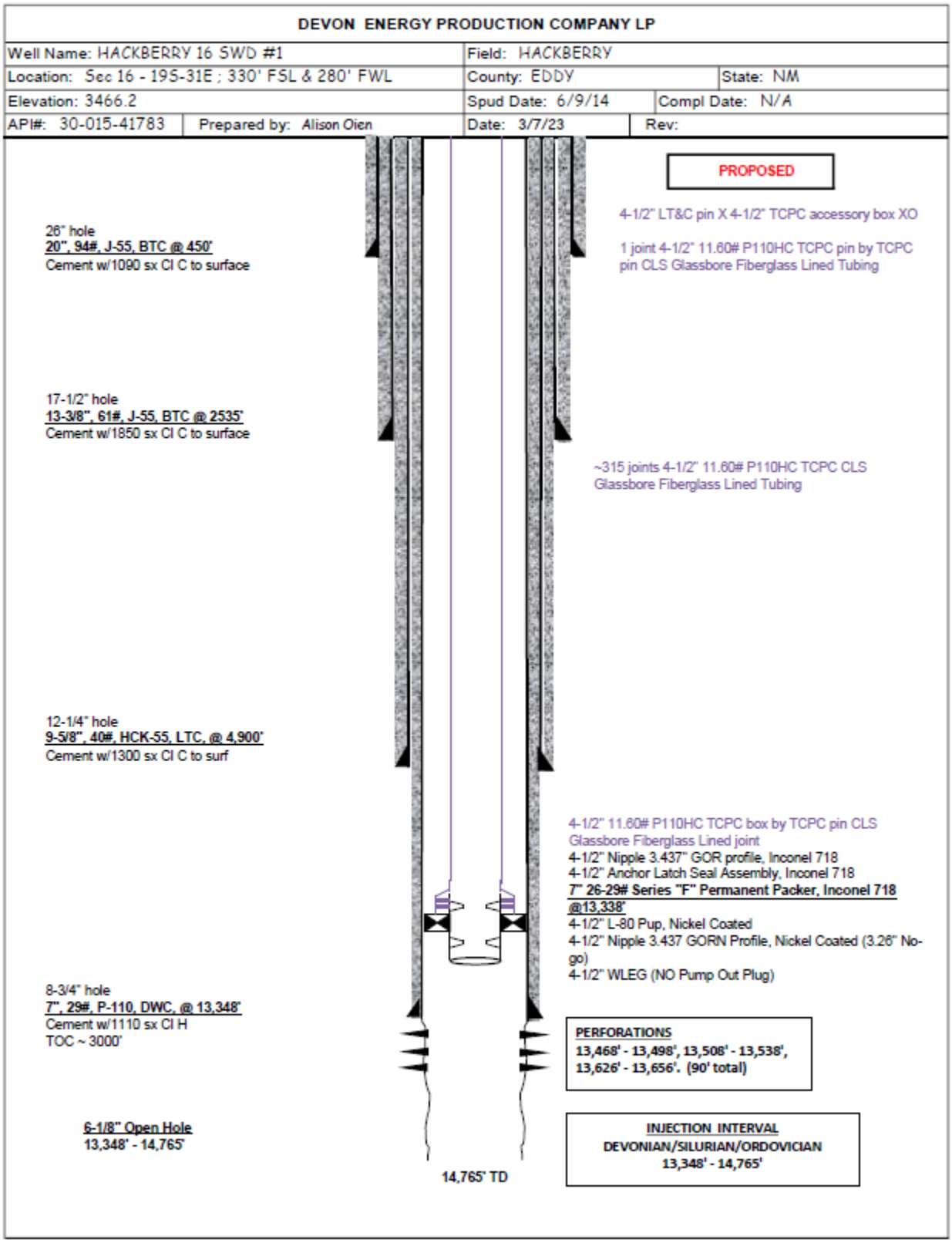
# Hackberry 16 SWD 1 - General Repair Procedure 3/6/2023

## PROPOSED WELLBORE DIAGRAM



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**District IV**
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 196520

## CONDITIONS

| | |
|---|---|
| Operator:<br>DEVON ENERGY PRODUCTION COMPANY, LP<br>333 West Sheridan Ave.<br>Oklahoma City, OK 73102 | OGRID:<br>6137 |
| | Action Number:<br>196520 |
| | Action Type:<br>[C-103] NOI Workover (C-103G) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|---|---|---|
| mgebremichael | The same size tube shall be replaced as it is stipulated in the respective order that authorizes the well to inject. The packer shall be set not more than 100 ft. above top perforation of the injection interval or top part of the open hole of the injection interval. | 12/29/2023 |