

Well Name: BURTON FLAT DEEP UNIT	Well Location: T21S / R27E / SEC 3 / NESW /	County or Parish/State: EDDY / NM
Well Number: 44	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0560289	Unit or CA Name: BURTON FLAT DEEP-MORROW	Unit or CA Number: NMNM70798A
US Well Number: 300153227400S2	Well Status: Water Injection Well	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2696693

Type of Submission: Notice of Intent	Type of Action: Workover Operations
Date Sundry Submitted: 10/05/2022	Time Sundry Submitted: 03:16
Date proposed operation will begin: 10/05/2022	

Procedure Description: NOI for Repair The Burton Flat Deep Unit 44 SWD, which is one of two SWD's that supports Devon produced water disposal in the Burton Flat/Slop area, requires a downhole tubing upsize in order to maximize injection rate to support a new development of wells. Devon has been strategically replacing injection strings with an upgraded fiberglass-lined tubing design to increase the robustness of the liner material and provide improved corrosion and erosion resistance. The well is currently injecting approximately 2,000 bwpd intermittently. Devon plans to mobilize a workover rig to the Burton Flat Deep Unit 44 SWD on or about 10/17/2022 to pull the existing injection tubing and packer, re-perforate existing permitted zone, wireline set a new permanent packer, and install new fiberglass-lined tubing with a ratch latch seal assembly. Official MIT is forecasted for 10/31/2022. Please see attached procedure.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

NOI__BFDU__44_SWD_Repair_Procedure_for_State_20221005151620.pdf

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Conditions of Approval

Specialist Review

Workover_or_Vertical_Deepen_COA_20221007135134.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:** OCT 05, 2022 03:16 PM
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: CHRISTOPHER WALLS **BLM POC Title:** Petroleum Engineer
BLM POC Phone: 5752342234 **BLM POC Email Address:** cwalls@blm.gov
Disposition: Approved **Disposition Date:** 10/18/2022
Signature: Chris Walls



Burton Flat Deep Unit SWD 44 - General Repair

9/19/2022

Well Name: Burton Flat Deep Unit SWD 44
Location: 3555' FSL, 1,660'FWL, Sec. 3-T21S-R27E

API: 30-015-32274
County: Eddy, NM

Current Well Status: Shut in. Plan to mobilize a workover rig on or about 10/17/2022.

Objective: Install new Nickel 925 corrosion resistant alloy permanent packer and anchor latch seal assembly and 4-1/2" fiberglass-lined tubing.

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 production 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. LD and inspect all the following injection tubing assembly currently in the hole:
 - Tubing hanger. **Send hanger in for inspection.**
 - 375 joints of 3-1/2" poly-lined tubing
 - 3-1/2" EUE 8rd box X 2-7/8" EUE 8rd pin XO
 - On/Off Tool and 7" X 2-7/8" Nickel-coated AS1-X packer/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 @ 12,515'
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 12,307' (10' above top perf at 12,317').
19. TOH SB 2-7/8" PH6 tubing and LD bit and scraper.
20. Flush casing with 150 bbl 10 ppg brine.
21. RIH with GR, JB and CCL to correlate wireline depth to casing tally.
22. RIH with WL and perf guns, add perforations to existing holes @ 12,400-12,460' (3 spf) and 12,326'-12,402' (4 spf) – all within permitted interval (12,306'-12,600')
23. MIRU pressure pumping services.
24. Pump prescribed fit-for-purpose acid treatment to stimulate new perfs.
25. RDMO pressure pumping services.
26. TIH with 7" RBP on 2-7/8" PH6 tubing and set at approx. 1,500'.
27. Confirm set and TOH SB 2-7/8" PH-6 tubing in derrick.
28. ND 7-1/16" 5K BOPE.
29. Remove existing tubing head (scrap).
30. Clean and prep top of casing head.

**Burton Flat Deep Unit SWD 44 - General Repair**

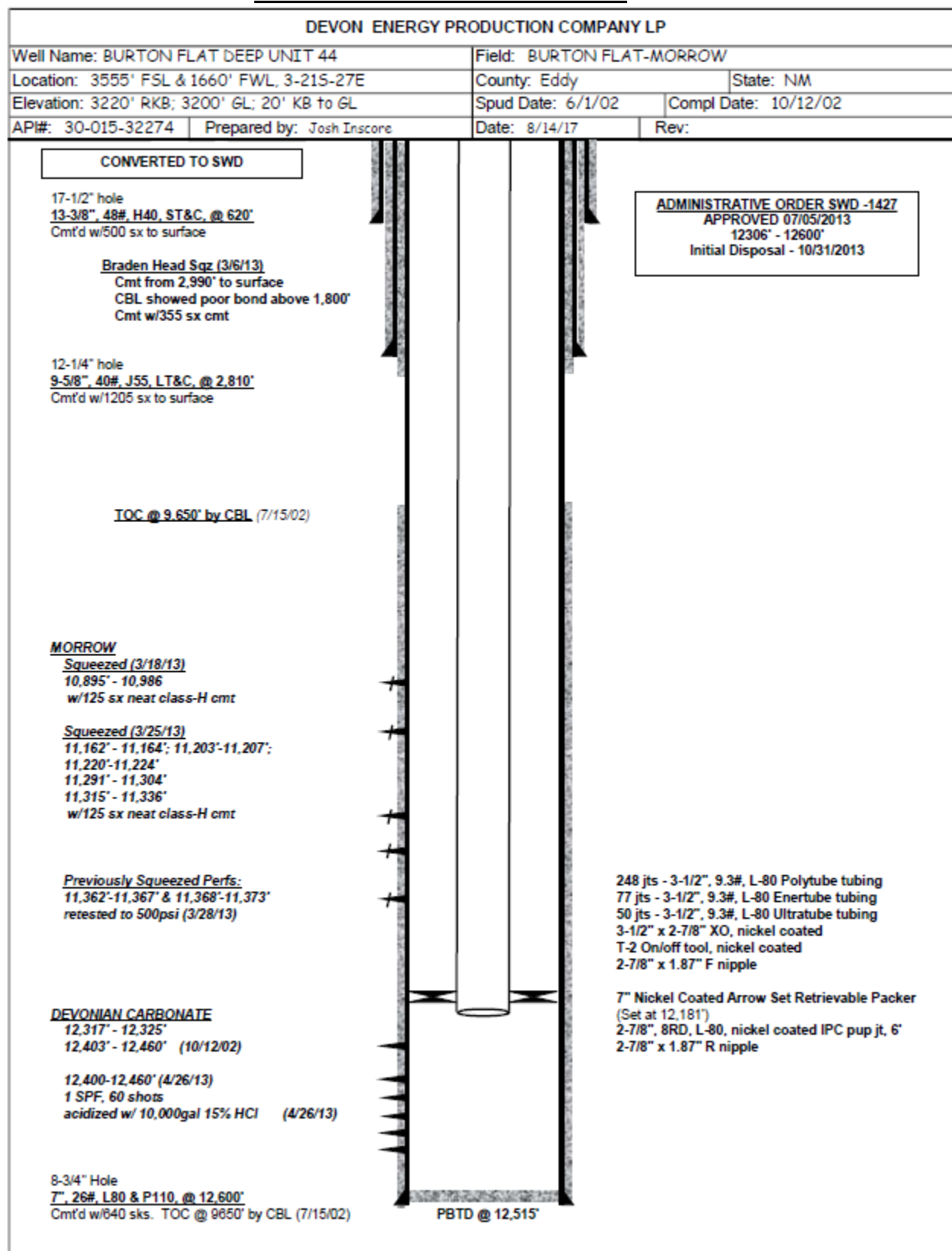
9/19/2022

31. Install new tubing head and test void to 5,000 psi.
32. NU 7-1/16" 5K BOPE and function test.
33. TIH with latch assembly and tandem packer on 2-7/8" PH6 tubing.
34. Latch onto RBP, unseat, and continue in hole.
35. Set RBP at approx. 12,307' or deepest depth scraped above perms.
36. PUH 5'-10' and set packer.
37. 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.
38. 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.
39. Unseat packer, latch onto RBP, unseat RBP, and TOH LD 2-7/8" PH-6 tubing and tandem RBP/packer.
40. MIRU WL and prep to install new 7" Halliburton TWA Nickel 925 permanent packer system.
41. 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.
42. TIH with Halliburton-recommended GR/JB to setting depth.
43. TIH with the new permanent packer on WL per Halliburton recommendation and set.
44. TOH and RDMO WL.
45. Load 4-1/2" 11.6# P110 HC Glassbore FG lined tubing onto racks and clean/tally.
 - Set of 4-1/2" 11.6# P110 HC Glassbore FG lined pups ready to go (2', 4', 6', 8', 10', 12') for spacing out
46. Ensure Tuboscope service tech is present and oversees proper running protocol is followed for making up and running all fiberglass-lined injection tubing.
47. RU casing crew.
48. MU and TIH all the following injection tubing assembly:
 - 3-1/2" ratch latch seal assembly with X profile seating nipple
 - 4-1/2" TPCP accessory box by 3-1/2" VamTop pin XO
 - 379 joints of 4-1/2" 11.6# P110 HC Glassbore FG lined tubing
 - 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.
52. Circulate inhibited 10 ppg brine packer fluid with biocide.
53. Land tubing hanger per Halliburton recommendation. Engineer to communicate TubeMove calculations with recommended compression.
54. Install BPV in tubing hanger.
55. ND 7-1/16" 5K BOPE.
56. RD 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.



Burton Flat Deep Unit SWD 44 - General Repair

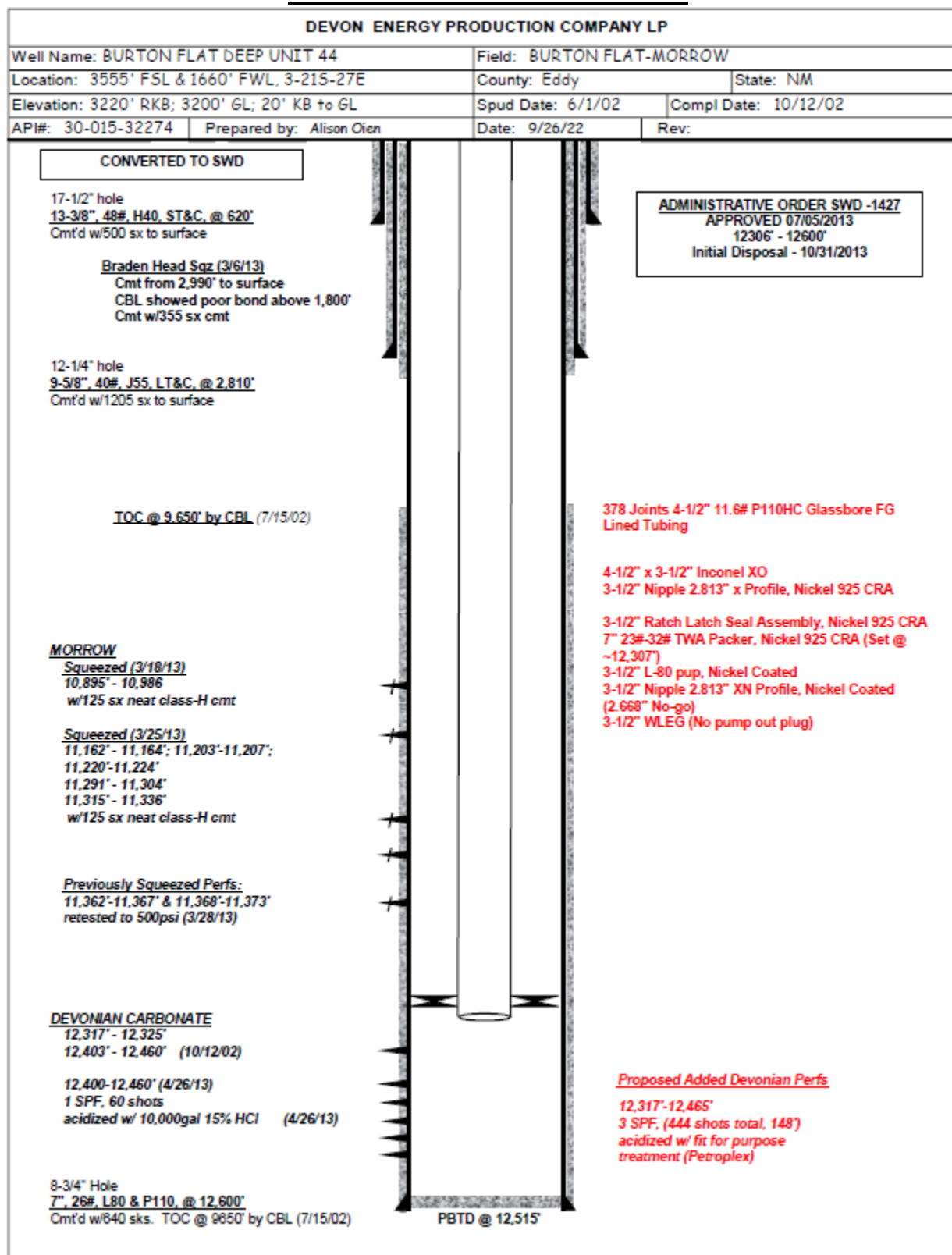
9/19/2022

CURRENT WELLBORE DIAGRAM



Burton Flat Deep Unit SWD 44 - General Repair

9/19/2022

PROPOSED WELLBORE DIAGRAM

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 195041

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 195041
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	tubing upsize is approved and the maximum surface injection pressure shall not exceed the prescribed surface injection pressure stipulated in respective authorization to inject order.	12/29/2023