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

HOBBS OCD
SEP 24 2019
RECEIVED

Form C-103
Revised July 18, 2013

	WELL API NO. 30-025-41524
	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 COTTON DRAW 32 STATE SWD
1. Type of Well: Oil Well [ ] Gas Well [ ] Other X- SWD	8. Well Number 002
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP	9. OGRID Number 6137
3. Address of Operator 333 W. Sheridan Avenue, Oklahoma City, OK 73102	10. Pool name or Wildcat
4. Well Location Unit Letter P : 1180 feet from the S line and 1000 feet from the E line Section 32 Township 24S Range 32E NMPM County LEA	
	11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

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.

Devon Energy Production Co., L.P. (Devon) respectfully requests to perform remedial work on the subject well. Please see the attached proposal and schematics.

Condition of Approval: notify OCD Hobbs office 24 hours prior of running MIT Test & Chart

Spud Date: 11/15/2018 Rig Release Date: 01/27/2016

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

SIGNATURE Jenny Harms TITLE Regulatory Specialist DATE 9-23-2019

Type or print name Jenny Harms E-mail address: Jenny.harms@dvn.com PHONE: 405-552-6560

For State Use Only

APPROVED BY: Kerry Fortner TITLE C. O. A DATE 9-24-19

Conditions of Approval (if any):

General Liner and Tieback Procedure

Cotton Draw 32-2 SWD

Assumptions:

This procedure picks up when the Drilling Rig moves in.

1. MIRU Cactus 103 drilling rig.
2. Check for pressure under dry hole flange, bled off if any and check for flow.
3. ND dry hole flange off tubing head. ND 11", 10K tubing head (send to Cameron for inspection and redress). Ensure bottom of hanger is dressed to seal over 7-5/8" casing stub. Verify a spacer spool is not required for the rig's BOPs.
4. Pull reducer bushing (dummy hanger) in the "C" section to allow 13" slips to be installed when hanging off the 7-5/8" casing. Install 13-3/8" wear bushing in "C" section.
5. Install 13-5/8", 10K BOPs and test per Devon's guidelines.
6. PU and RIH with ~5-7/8" tri-cone bit, drill collars, tapered 3-1/2" x 5-1/4" workstring to top of CBP at ~16,955'.
7. Displace 10# brine with fresh water.
8. Drill out CBP, be prepared to lose circulation once the CBP is drilled out. Continue running in hole to PBTD with workstring. *Be aware that the lower production packer assembly (~40') was dropped into the open hole section after being milled over.* The packer assembly will need to be pushed to bottom.
9. If unable to push the top of the assembly to at least ~18,350', visit with the engineer to determine if a fishing trip will be required to retrieve the packer assembly. Circulate hole clean and POOH standing back workstring.
10. MIRU wireline unit. RIH and set new CBP at ~16,950', be careful not to set plug in a casing collar. POOH.
11. Close blind rams and pressure test the CBP plug set at ~16,950 to maximum cementing pressure (???? psi). If plug fails, RIH and set new CIBP at ~16,945'.
12. PU and RIH with 5-1/2", 17# float shoe with Liberty FJM connections followed by a joint of casing, float collar and landing collar. Continue running enough 5-1/2", 17#, P110 pipe to place the top of the 9-5/8" x 5-1/2" VersaFlex liner hanger/packer at ~11,370'.
    a. Use torque turn and tread inspector for premium connection.
13. RIH and lightly tag on top of CBP. Pick up just off the top of the CBP and circulate to make sure the hole is full of clean fresh water.
14. Space out as needed and prepare to pump the liner cement job.
15. Pump liner cement job according to Devon/Halliburton's detailed procedure.
    a. Rotate 5-1/2" liner ~5 rpms while pumping job.
    b. Tail in with a heavier cement slurry to build higher compressive strength.
16. Set liner hanger, release setting tool, PU and circulate cement off the top of the hanger (HES recommends long way). Note in WV how much cement is observed in the returns at surface.
17. POOH and lay down setting tool.
18. PU and RIH drill pipe with polishing mill (~7.75" OD) for 9-5/8" 47# VersaFlex tieback receptacle. Polish TBR per Halliburton's guidance, circulate hole clean and POOH. Pull 13-3/8" wear bushing.

R. Hathcock, revised 9/18/19

General Liner and Tieback Procedure

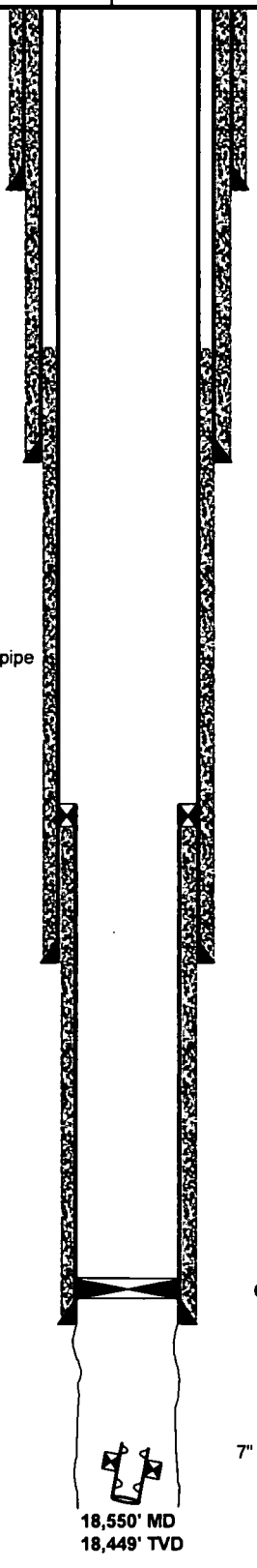
Cotton Draw 32-2 SWD

19. PU and RIH with Halliburton's 10', 7-5/8", 29.7# tieback seal assembly with Vam SLIJ-2 connections followed by a joint of casing, and an orifice float collar. Continue running 7-5/8", 29.7#, P110 pipe to top of the liner top packer at ~11,370'.
    a. Use torque turn and tread inspector for premium connection.
20. Sting into the tieback receptacle on the liner top packer, pull out and circulate to make sure the hole is full of clean fresh water.
21. Space out as needed to pump the liner tieback cement job.
22. Pump liner tieback cement job according to Devon's detailed procedure. Note in WV how much cement is returned to surface.
23. Break connection on 13-5/8" 10K BOPs, pick up stack and set 13" slips around 7-5/8" casing and land in "C" section, setting down with no (neutral) weight on the liner top packer. Make rough cut on 7-5/8" casing.
24. Finish ND 13-5/8" 10K BOPs, make final cut on 7-5/8" casing and install redressed tubing head prepped for 7-5/8" casing. Reinstall 13-5/8", 10K BOPs and test per Devon's guidelines.
25. WOC, if needed, prior to drilling out.
26. PU and RIH with ~6-3/4" tri-cone bit and BHA on 5-1/4" drill pipe to clean out cement and float equipment in the 7-5/8" casing to the 7-5/8" x 5-1/2" crossover. Circulate hole clean and POOH.
27. PU and RIH with ~4-3/4" tri-cone bit and BHA on tapered workstring (5-1/4" drill pipe and 3-1/2" tubing) to clean out cement and float equipment in the 5-1/2" casing to the top of the CBP below the 5-1/2" casing.
28. Drill out CBP and continue RIH to ~17,100'. Pull back up into casing, close pipe rams or annular and conduct an injectivity test with produced water. Pump 15 mins each at 5 bbls/min, 10 bbls/min and 15 bbls/min for a total of ~450 bbs. Monitor ISIP, 5 min, 10 min and 15 min pressures. POOH laying down tapered workstring.
29. Bring on Completion PIC for days/nights for advisory support while running completion.
30. MIRU electric line unit, consider running a GR-JB to ~16,955 prior to running packer. Run in hole and set a 5-1/2", 17# Arrowset packer with on/off tool, 2 nipple profiles and pump off plug. Set at ~16,935' while avoiding setting packer in a casing collar. POOH with setting tool.
    a. Use Tuboscope thread inspector and torque turn to monitor makeup of connections.
31. PU and RIH with on/off tool skirt on 3-1/2", 9.3# L-80 EUE 8rd-Special Clearance TK (fiberglass) lined tubing, 3-1/2" x 5-1/2" crossover (Inconel) followed by 5-1/2", 17# P-110 BTC TK (fiberglass) lined tubing, Inconel crossover to Cameron tubing hanger.
    a. Use Tuboscope thread inspector and torque turn to monitor makeup of connections.
32. Space out tubing as required, pup joints will be provided. Be prepared to set 65 Klbs of weight on the packer to allow for tubing contraction during injection. Circulate around treated and inhibited 2% KCl packer fluid.
33. Latch onto packer's on/off tool and land tubing in hanger. Install BPV, ND BOPs and NU tree. Pull BPV. If tree is not ready at the time of the demobilization, install a 11", 10K dry hole flange on the tubing head, leaving the BPV to be pulled after the tree is installed.
34. Rid down and release drilling rig.
35. Prior to injection, pressure up to XXXX psi to pump off plug. Conduction an injectivity test and acidize if needed.

R. Hathcock, revised 9/18/19

DEVON ENERGY PRODUCTION COMPANY LP			
Well Name: COTTON DRAW 32 STATE SWD #2		Field: PADUCA SOUTH	
Location: 1180' FSL & 1000' FEL; SEC 32-T24S-R32E		County: LEA	State: NM
Elevation: 3502.70' KB; 3477.70' GL; 25' KB to GL		Spud Date: 11/18/15	Compl Date: 4/20/16
API#: 30-025-41524	Prepared by: Roy Hathcock	Date: 9/18/19	Rev:

PROPOSED WELLBORE



26" Hole
20", 94#, J55, BTC, @ 800'
Cmt'd w/1700 sx, circ cmt to surface

TOC @ 3,500'- *CBL (1/24/16)*

18-1/8" Hole
16", 97#, NT80DE, BTC, @ 4,551'
Cmt'd w/2375 sx, circ cmt to surface

10# brine in hole while setting pipe

7" Liner Hanger @ 11,391'
unablet to set hanger, set liner weight on bottom.
Performed positive/neg liner test. Good test.-1/16/16

14-3/4" hole to 8,816'
12-1/4" hole to 12,115'
9-5/8", 47#, P-110HC, BTC, @ 12,115'
Cmt'd w/3200 sx. TOC @ 3,500'-CBL, per wellview

5-1/2" 17.00# P110HC Liberty FJM, liner @ ~16,947'

8-1/2" Hole
7", 32#, P-110HC, BTC, liner bottom @ 16,962'
Cmt'd w/775 sx

Composite Bridge Plug @~16,955'

DEVONIAN/SILURIAN/ORDOVICIAN
6" Open Hole 16,962' - 18,550'

7" Ultra Pak Pkr assembly (~40'), location unknown

18,550' MD
18,449' TVD

DEVON ENERGY PRODUCTION COMPANY LP			
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Location: 1180' FSL & 1000' FEL; SEC 32-T24S-R32E		County: LEA	State: NM
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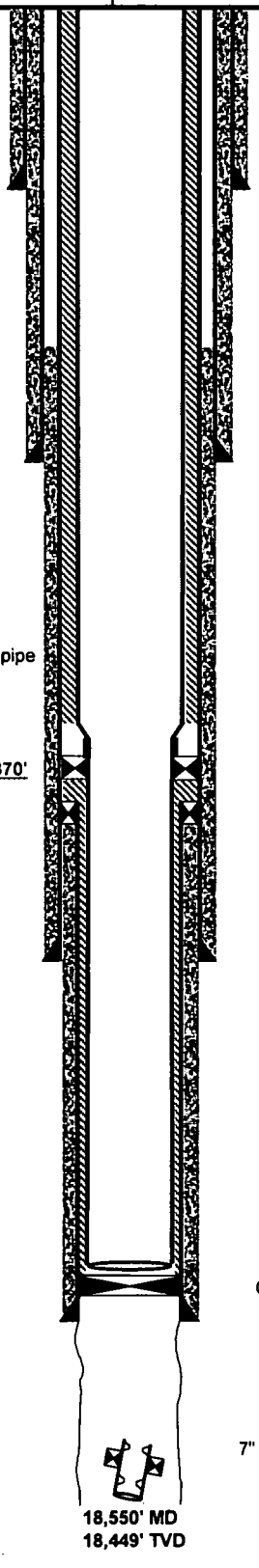
PROPOSED WELLBORE



26" Hole
20", 94#, J55, BTC, @ 800'
Cmt'd w/1700 sx, circ cmt to surface

TOC @ 3,500'- *CBL (1/24/16)*

18-1/8" Hole
16", 97#, NT80DE, BTC, @ 4,551'
Cmt'd w/2375 sx, circ cmt to surface

7-5/8" 29.7# P110EC SLIJ-2, tieback @ ~11,370'

10# brine in hole while setting pipe

9-5/8" x 5-1/2" VersaFlex Liner Hanger/Packer @ ~11,370'

7" Liner Hanger @ 11,391'
unablet to set hanger, set liner weight on bottom.
Performed positive/neg liner test. Good test.-1/16/16

14-3/4" hole to 8,816'
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5-1/2" 17.00# P110HC Liberty FJM, liner @ ~16,947'

8-1/2" Hole
7", 32#, P-110HC, BTC, liner bottom @ 16,962'
Cmt'd w/775 sx

DEVONIAN/SILURIAN/ORDOVICIAN
6" Open Hole 16,962' - 18,550'

Composite Bridge Plug @~16,955'

7" Ultra Pak Pkr assembly (~40'), location unknown

18,550' MD
18,449' TVD

DEVON ENERGY PRODUCTION COMPANY LP

Well Name: COTTON DRAW 32 STATE SWD #2	Field: PADUCA SOUTH		
Location: 1180' FSL & 1000' FEL; SEC 32-T24S-R32E	County: LEA	State: NM	
Elevation: 3502.70' KB; 3477.70' GL; 25' KB to GL	Spud Date: 11/18/15	Compl Date: 4/20/16	
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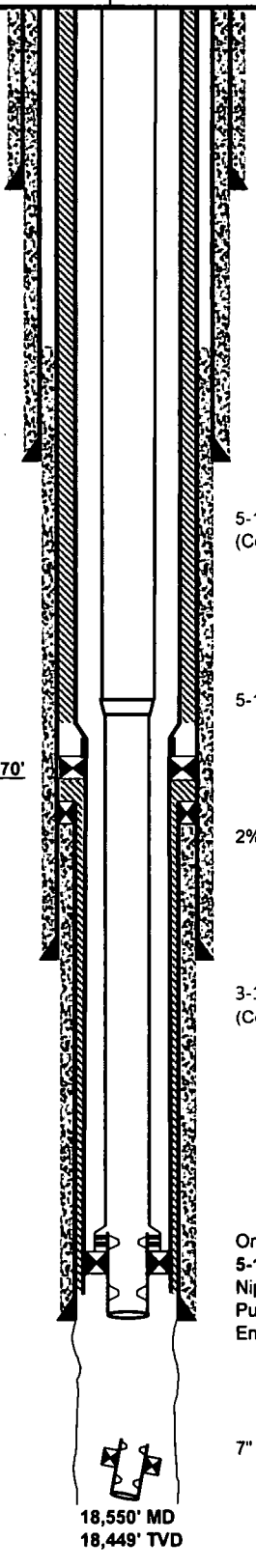
PROPOSED WELLBORE



26" Hole
20", 94#, J55, BTC, @ 800'
Cmt'd w/1700 sx, circ cmt to surface

TOC @ 3,500'- *CBL (1/24/16)*

18-1/8" Hole
16", 97#, NT80DE, BTC, @ 4,551'
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7-5/8" 29.7# P110EC SLIJ-2, tieback @ ~11,370'

9-5/8" x 5-1/2" VersaFlex Liner Hanger/Packer @ ~11,370'

7" Liner Hanger @ 11,391'
unablet to set hanger, set liner weight on bottom.
Performed positive/neg liner test. Good test.-1/16/16

14-3/4" hole to 8,816'
12-1/4" hole to 12,115'
9-5/8", 47#, P-110HC, BTC, @ 12,115'
Cmt'd w/3200 sx. TOC @ 3,500'-CBL, per wellview

5-1/2" 17.00# P110HC Liberty FJM, liner @ ~16,947'

8-1/2" Hole
7", 32#, P-110HC, BTC, liner bottom @ 16,962'
Cmt'd w/775 sx

DEVONIAN/SILURIAN/ORDOVICIAN
6" Open Hole 16,962' - 18,550'

18,550' MD
18,449' TVD

5-1/2" 17# P110 BTC TK lined tubing,
(Conn OD 6.30", Pipe ID 4.892", lined ID 4.625")

5-1/2" x 3-1/2" inconel crossover @ ~11,300'

2% inhibited KCl packer fluid (8.5 ppg)

3-1/2" 9.30# L80 EUE 8rd TK lined tubing, w/Spec. Clear. Cplgs
(Conn OD 4.18", Pipe ID 2.992", lined ID 2.752")

On/Off Nipple: 2.313" "X" @ ~16,933'
5-1/2" Arrowset Pkr @ ~16,935'
Nipple: 2.313" "XN" (Min ID = 2.205") @ ~16,953'
Pump out plug: ~16,954'
End of Packer Assembly: ~16,955'

7" Ultra Pak Pkr assembly (~40'), location unknown

General Liner and Tieback Procedure

Cotton Draw 32-2 SWD

Assumptions:

This procedure picks up after the 2 production packers are removed.

1. PU and RIH with a drift diameter bit/mill to verify casing is clear past where the open hole begins (16,962' MD). POOH.
2. Pump and load the hole with inhibited, 10 ppg brine.
3. RU electric line, run GR-JB to ~16,960', POOH. Run in hole and set a 7", 32# composite bridge plug (10K) at ~16,955', avoid setting plug in a casing collar. POOH.
4. Pressure up and test plug to 3000 psi to verify the CBP is set and holding.
5. Ensure hole is filled with 10 ppg brine. ND 11", 10K BOPs and 11", 10K tubing head (send to Cameron for inspection and redress) install 13-5/8" 10K dry hole flange on top of "C" section.
6. RD and release Workover rig.
7. Waiting on tubulars and drilling rig.
8. MIRU TBD drilling rig.
9. Check for pressure under dry hole flange, bled off if any and check for flow.
10. ND dry hole flange off 13-5/8", 10K "C" section. Pull dummy hanger in the "C" section to allow 13" slips to be installed when hanging off the 7-5/8" casing. Install 13-5/8", 10K BOPs and test per Devon's guidelines.
11. PU and RIH with drift sized bit/mill on a TBD workstring to top of the composite bridge plug (CBP) at ~16,955'. Lightly tag, PU and circulate to make sure the hole is full of clean 10# brine. POOH and prepare to run 5-1/2" liner.
12. PU and RIH with 5-1/2", 17# float shoe with Liberty FJM connections followed by a joint of casing, float collar and landing collar. Continue running enough 5-1/2", 17#, P110 pipe to place the top of the 9-5/8" x 5-1/2" VersaFlex liner hanger/packer at ~11,370'.
13. RIH and lightly tag on top of CBP at ~16,955'. Pick up just off the top of the CBP and prepare to pump the liner cement job.
14. Space out as needed to pump the liner cement job.
15. Pump liner cement job according to Devon/Halliburton's detailed procedure.
16. Set liner hanger, release setting tool, PU and reverse circulate cement off the top of the hanger. Note in WV how much cement is observed in the returns at surface.
17. POOH and lay down setting tool.
18. PU and RIH with 7-5/8", 29.7# tieback seal assembly with Vam SLIJ-2 connections followed by a joint of casing, a float collar and landing collar. Continue running 7-5/8", 29.7#, P110 pipe to top of the liner top packer at ~11,370'.
19. Sting into the tieback receptacle on the liner top packer, pull out and circulate to make sure the hole is full of clean 10# brine.
20. Space out as needed to pump the liner tieback cement job.

21. Pump liner tieback cement job according to Devon's detailed procedure. Note in WV how much cement is returned to surface.
22. Set 13" slips around 7-5/8" casing and land in "C" section, setting down with no (neutral) weight on the liner top packer.
23. ND 13-5/8" 10K BOPs, cut off casing stub and install redressed tubing head. Reinstall 13-5/8", 10K BOPs and test per Devon's guidelines.
24. WOC for a total of 18 hrs after bumping the plug prior to drilling out.
25. PU and RIH with drift bit/mill for 7-5/8", 29.7# casing and BHA to clean out cement and float equipment in the 7-5/8" casing to the end of the 7-5/8" tieback seal assembly. Circulate hole clean and POOH.
26. PU and RIH with drift bit/mill for 5-1/2", 17# casing and BHA to clean out cement and float equipment in the 5-1/2" casing to the top of the CBP below the 5-1/2" casing.
27. Displace hole with 2% KCl fluid prior to drilling out the CBP. Be prepared to lose circulation once the CBP is drilled out. Continue running in hole to PBTD with workstring. Circulate hole clean and POOH laying down workstring.
28. MIRU electric line unit, consider running a GR-JB to ~16,945 prior to running packer. Run in hole and set a 5-1/2", 17# Arrowset packer with on/off tool, 2 nipple profiles and pump off plug. Set at ~16,925' while avoiding setting packer in a casing collar. POOH with setting tool.
29. PU and RIH with on/off tool skirt on 3-1/2", 9.3# L-80 EUE 8rd-Special Clearance TK (fiberglass) lined tubing, 3-1/2" x 5-1/2" crossover (Inconel) followed by 5-1/2", 17# P-110 BTC-Special Clearance TK (fiberglass) lined tubing, Inconel crossover to Cameron tubing hanger.
30. Space out tubing as required, pup joints will be provided. Be prepared to set 65 Klbs of weight on the packer to allow for tubing contraction during injection. Circulate around treated and inhibited 2% KCl packer fluid.
31. Latch onto packer's on/off tool and land tubing in hanger. Install BPV, ND BOPs and NU tree. Pull BPV. If tree is not ready at the time of the demobilization, install a 11", 10K dry hole flange on the tubing head, leaving the BPV to be pulled after the tree is installed.
32. Release drilling rig.
33. Prior to injection, pressure up to XXXX psi to pump off plug. Conduction an injectivity test and acidize if needed.

R. Hathcock, 9/9/19

DEVON ENERGY PRODUCTION COMPANY LP			
Well Name: COTTON DRAW 32 STATE SWD #2		Field: PADUCA SOUTH	
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API#: 30-025-41524	Prepared by: Roy Hathcock	Date: 9/11/19	Rev:

PROPOSED WELLBORE

26" Hole
20", 94#, J55, BTC, @ 800'
Cmt'd w/1700 sx, circ cmt to surface

TOC @ 3,500'- *CBL (1/24/16)*

18-1/8" Hole
16", 97#, NT80DE, BTC, @ 4,551'
Cmt'd w/2375 sx, circ cmt to surface

10# brine in hole while setting pipe

7" Liner Hanger @ 11,391'
unablet to set hanger, set liner weight on bottom.
Performed positive/neg liner test. Good test.-1/16/16

14-3/4" hole to 8,816'
12-1/4" hole to 12,115'
9-5/8", 47#, P-110HC, BTC, @ 12,115'
Cmt'd w/3200 sx. TOC @ 3,500'-CBL, per wellview

5-1/2" 17.00# P110HC Liberty FJM, liner @ ~16,947'

8-1/2" Hole
7", 32#, P-110HC, BTC, liner bottom @ 16,962'
Cmt'd w/775 sx

Composite Bridge Plug @~16,955'

DEVONIAN/SILURIAN/ORDOVICIAN
6" Open Hole 16,962' - 18,550'

18,550' MD
18,449' TVD

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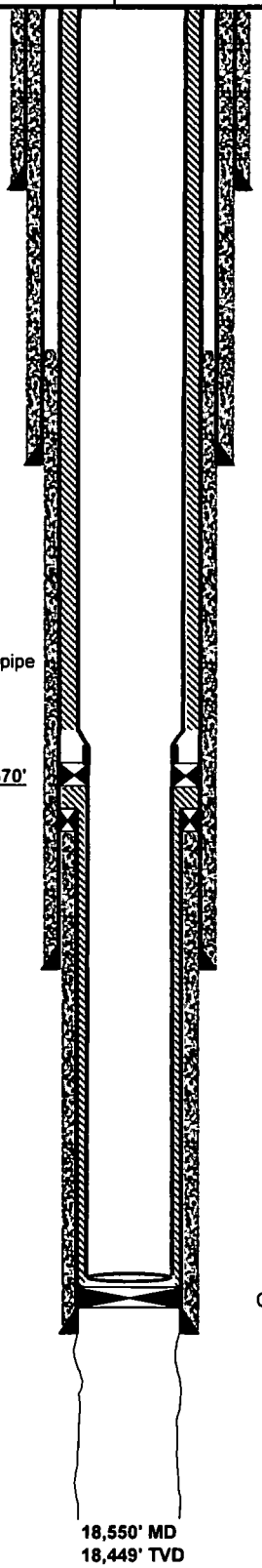

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7-5/8" 29.7# P110EC SLIJ-2, tieback @ ~11,370'

10# brine in hole while setting pipe

9-5/8" x 5-1/2" VersaFlex Liner Hanger/Packer @ ~11,370'

7" Liner Hanger @ 11,391'
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Composite Bridge Plug @~16,955'

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6" Open Hole 16,962' - 18,550'

18,550' MD
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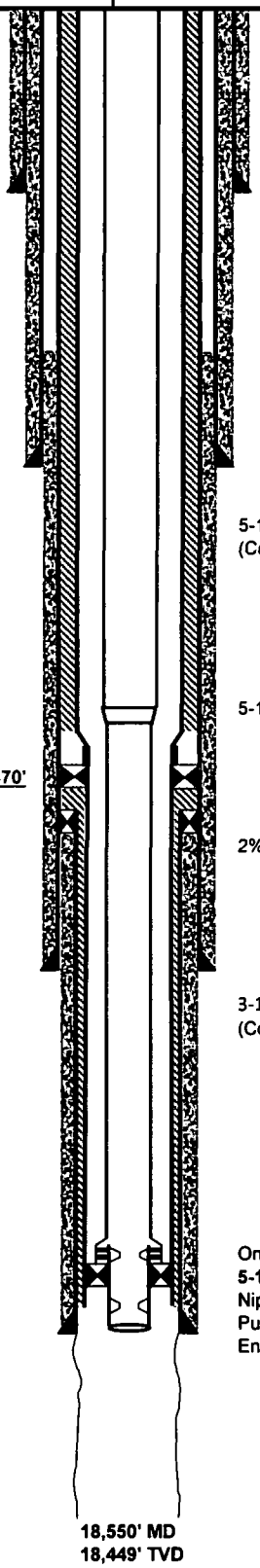

26" Hole
20", 94#, J55, BTC, @ 800'
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TOC @ 3,500'- *CBL (1/24/16)*

18-1/8" Hole
16", 97#, NT80DE, BTC, @ 4,551'
Cmt'd w/2375 sx, circ cmt to surface

7-5/8" 29.7# P110EC SLIJ-2, tieback @ ~11,370'

9-5/8" x 5-1/2" VersaFlex Liner Hanger/Packer @ ~11,370'

7" Liner Hanger @ 11,391'
unablet to set hanger, set liner weight on bottom.
Performed positive/neg liner test. Good test.-1/16/16

14-3/4" hole to 8,816'
12-1/4" hole to 12,115'
9-5/8", 47#, P-110HC, BTC, @ 12,115'
Cmt'd w/3200 sx. TOC @ 3,500'-CBL, per wellview

5-1/2" 17.00# P110HC Liberty FJM, liner @ ~16,947'

8-1/2" Hole
7", 32#, P-110HC, BTC, liner bottom @ 16,962'
Cmt'd w/775 sx

DEVONIAN/SILURIAN/ORDOVICIAN
6" Open Hole 16,962' - 18,550'

18,550' MD
18,449' TVD

5-1/2" 17# P110 BTC TK lined tubing,
(Conn OD 6.30", Pipe ID 4.892", lined ID 4.625")

5-1/2" x 3-1/2" inconel crossover @ ~11,300'

2% inhibited KCl packer fluid (8.5 ppg)

3-1/2" 9.30# L80 EUE 8rd TK lined tubing, w/Spec. Clear. Cplgs
(Conn OD 4.18", Pipe ID 2.992", lined ID 2.752")

On/Off Nipple: 2.313" "X" @ ~16,923'
5-1/2" Arrowset Pkr @ ~16,925'
Nipple: 2.313" "XN" (Min ID = 2.205") @ ~16,943'
Pump out plug: ~16,944'
End of Packer Assembly: ~16,945'