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

RECEIVED
NOV 15 2019
DISTRICT II-ARTESIA O.C.D.

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. 30-015-38105

5. Indicate Type of Lease STATE ☒ 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: CHIMAYO 16 STATE

8. Well Number: 3

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

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

9. OGRID Number: 6137

3. Address of Operator: 333 WEST SHERIDAN AVENUE, OKC, OK 73102

10. Pool name or Wildcat: SWD; BELL CANYON-CHERRY CANYON

4. Well Location
Unit Letter F : 1610 feet from the NORTH line and 1455 feet from the WEST line
Section 16 Township 25S Range 29E NMPM EDDY , County New Mexico

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
2999' GL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	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: : **CLEAN OUT & TREATMENT MIT** ☒	

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 COMPANY, LP respectfully request approval for the following:

Injection packer & injection string required removal from the wellbore in order to perform mechanical cleanout. Following clean out, injection string & packer were re-run, in order to pressure test backside/prepare wellbore for resumed injection.

Attached: MIT

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

SIGNATURE Erin Workman TITLE Regulatory Compliance Analyst DATE 11/13/19

Type or print name Erin Workman E-mail address: Erin.workman@dvn.com PHONE: (405)552- 7970

For State Use Only

APPROVED BY: Dale TITLE Compliance Officer DATE 11-19-19

Conditions of Approval (if any):

devon

Chimayo 16 State #3 SWD – Workover & Acidization 11/14/2019

WELL NAME: Chimayo 16 State #3 SWD **API:** 30-015-38105

WELLBORE DATA

**Tubing & packer data available in Wellbore Schematic on last page of procedure*

Chimayo 16 State #3 - KB: 3,015'; GL: 2,999'; KB: 16'

Size	Weight	Grade	Interval	Collapse	Burst	Drift	Capacity
11-3/4"	42	H-40	0-704'	-	-	-	-
8-5/8"	24	J-55	0-1,847'	1,370	2,950	7.972"	0.0637
8-5/8"	32	J-55	1,847-2,957'	2,530	3,930	7.796"	0.0610

IMPORTANT NOTES

1) NMOCD tubing pressure limit is **600 psi** at surface. If this pressure is exceeded during workover or treatment operations, take measures to ensure injection pressure will remain below permitted value before resuming disposal (10 ppg brine may be necessary to stay below pressure limitations).

2) This well injects through 1,245' of open hole into the Delaware formation.

PROCEDURE

SAFETY: All personnel will wear hard hats, safety glasses with side shields, steel toed boots, H_2S monitor and fire-retardant clothing while on location. Any personnel arriving on location after the pre-job safety meeting will check in with the Devon PIC and review hazards before proceeding. All personnel have the obligation and full authority to stop the job if any action may be perceived as harmful to people or the environment.

PRE-JOB

1) Check well head for flange/sizing abnormalities – communicate to PIC.

2) Ensure tank water level adequate to kick on pumps post-job.

3) Hold PJSM.

4) Record SITP & SICP.

5) Produced Water Team to MIRU blow down tank.

6) Produced Water Team to blow down pressure/fluid until well dies, 500 bbls are flowed back, or 24 hours have passed.

MIRU WSU & TOH INJECTION STRING

1) Hold PJSM.

2) Record SITP & SICP.

3) Install and/or test anchors. MIRU WSU & reverse unit, necessary safety equipment & rental equipment.

4) Blow down/kill well if necessary.

5) Install BPV/2-way check in hanger; ND tree.

6) NU 7-1/16" 10K (or appropriate required) BOPE with annular, 3.5" tbg rams (or 2-7/8" – 3-1/2" VBR's), blind rams.

7) PTEST BOPE according to Devon protocol.

8) Spot LD machine & piperacks.

9) Release PCKR & TOH laying down 3-1/2" L-80 IPC injection tbg.

**If significant deposition is observed inside tbg, take 2 separate samples: One from deepest joint run & one from shallowest joint run – send samples to chemical vendor for analysis.*

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Chimayo 16 State #3 SWD – Workover & Acidization 11/14/2019

C/O 1,245' 7-7/8" OH

1) Swap TBG rams to 2-7/8" if VBR's were not utilized.

2) PU & TIH 1,380' (~46 jts) 2-7/8" PH-6 WS; POH racking back WS.

3) MU OH C/O BHA:

-7-7/8" clean out mill (consult w/ tool hand to select ideal type; ensure ability to back ream)

-XO (if required)

-Check Valve

-XO (if required)

- PU 46 jts 2-7/8" PH-6 WS

-3-1/8" bumper jars

-3-1/8" oil jars

-Seat nipple

-FIH x 2-7/8" PH-6 WS

4) PU & strap in hole w/ C/O assembly to ~2,900' (1 std above csg shoe), RU power swivel.

5) Load hole & break circulation reverse circulating.

**At 2,900":*

-Ann. Cap. = 158.5 bbls
-Tbg Cap. = 16.8 bbls
-OH Cap. = 71.2 bbls

6) MU 1 std from rack & wash dn 1 std to CSG shoe; reverse CIRC 17.1 bbls minimum.

7) MU 1 std from rack; begin reverse CIRC & ROT; tag for fill & begin C/O operations.

**Between MU each stand:*

-Cont. ROT & reverse CIRC tbg cap. at minimum
-Tbg cap. at shoe = 17.1 bbls; tbg cap. per stand = ~0.35 bbls; Tbg cap. at PBTD = 24.3 bbls

If PU increases at any point,* ***Stop, Drop, & Ream

8) 1 std below CSG shoe, 10 stds below CSG shoe, & at PBTD, CIRC 110 gal Xylene pill (3x110gal pill total)

9) At PBTD, cont. ROT & reverse CIRC 75 bbls minimum, cont. CIRC until returns clean if necessary.

SPOT ACID ON FORMATION & TOH WS

1) Spot 3,250 gal (77.8 bbls) 15% HCL pill on backside.

2) Displace acid w/ 161.5 bbls dn backside.

3) TOH inside CSG shoe; reverse CIRC 17.1 bbls minimum to ensure any acid is displaced from WS.

4) TOH laying down WS & C/O BHA.

devon

Chimayo 16 State #3 SWD – Workover & Acidization 11/14/2019

RIH INJECTION STRING & SPACE OUT

1) Swap TBG rams back to 3-1/2" if VBR's were not utilized.

2) MIRU tubing testers.

3) MU injection string:

-5-1/2" Muleshoe

-7-3/4" x 4-3/4" Arrowset AS1-X 10K Injection Packer (internal Ni coated; redressed if feasible)

-4-3/4" x 3-1/2" XO (internal Ni coated)

-3-1/2" T2 On/Off Tool (internal Ni coated)

-FIH x 3-1/2" 9.3# EUE L-80 injection string

4) RIH to ~2,871'. Hydro-test tbg below slips to 2,000 psi.

5) Load & CIRC hole with 146 bbls PCKR fluid. Set packer @ 2,871'. Use 10# Nadine Brine if necessary. Be sure to maintain CIRC rate below max provided by packer hand to prevent fluid cutting packer elements.

Per NMOCD, packer must be set within 100' of injection zone (CSG Shoe @ 2,957'). Move packer set depth deeper or shallower as necessary **while staying below 2,857'.*

6) Perform MIT. Pressure test 3-1/2" annulus to 500 psi for 30 min. If pressure drops more than 10% (50 psi) in 30 min, unseat packer & TIH 10'. Set packer & perform MIT. Notify DVN office of test results, including pressure reading at end of 30 min test. WOO if tests fail.

7) Space out & retrieve tbg plug.

8) RDMO WSU & related equipment.

ACID INJECTION

1) MIRU pressure pumping services to wellhead.

2) Load backside & pressure up to 200 psi. Monitor throughout job.

3) Pump attached acid treatment procedure.

**Max Pressure = 600 psi (10 ppg brine spacers may be necessary to remain below pressure limitations).*

***Flush with 10 ppg brine + clay control.*

****Record ISIP, 5, 10, 15 min SIP.*

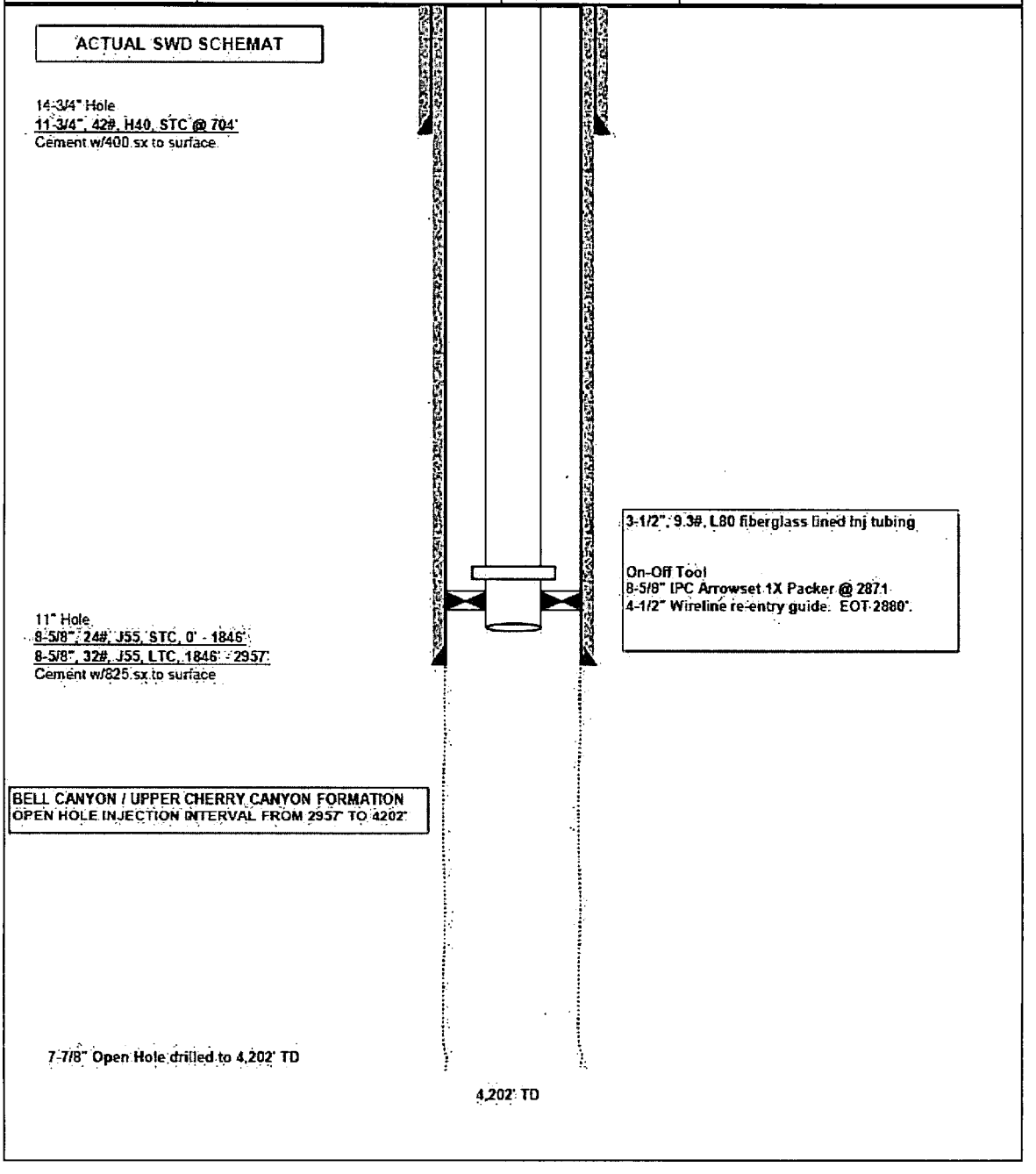
4) Resume injection before leaving location.

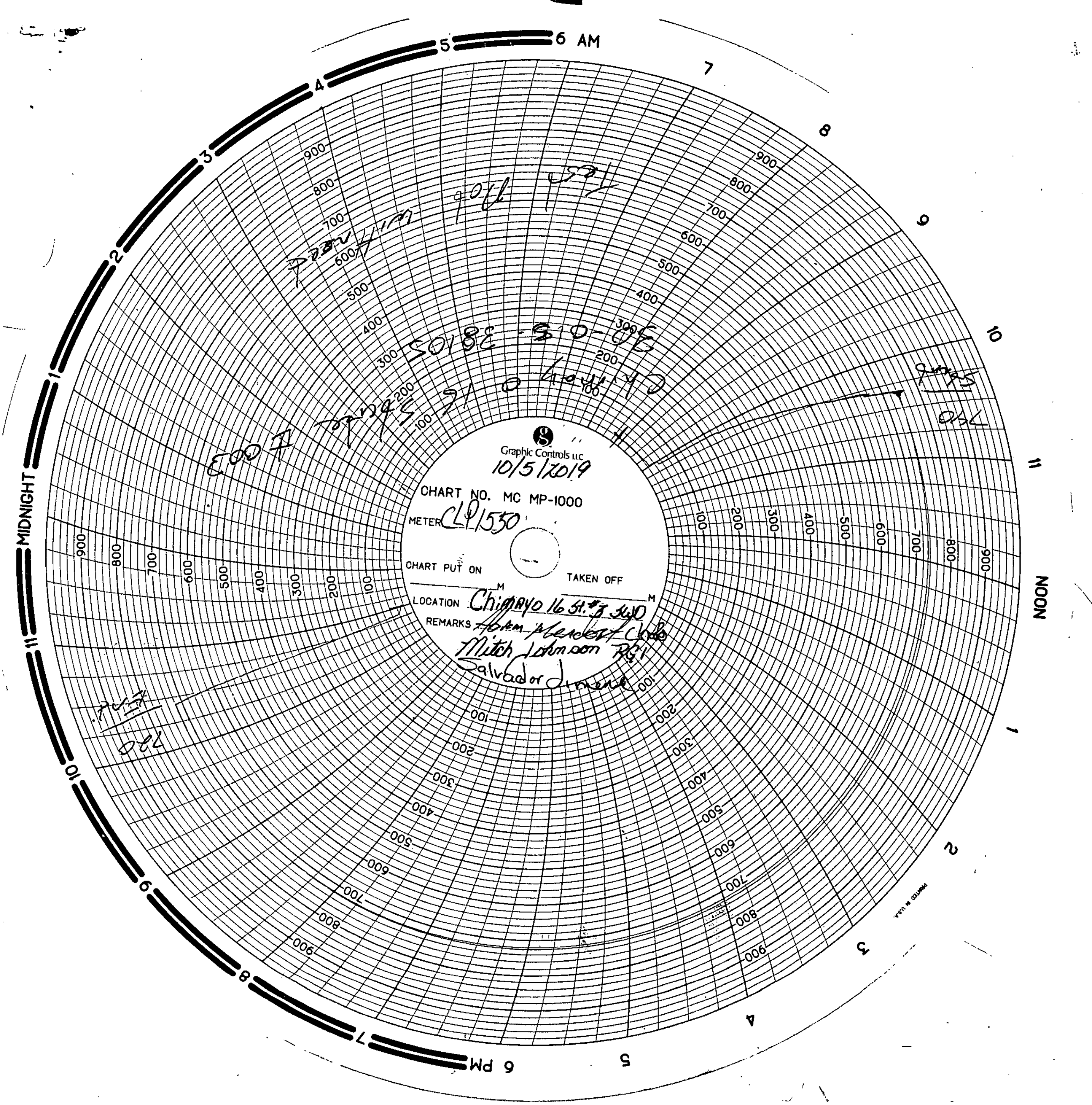
PERFORM OFFICIAL MIT W/ REGULATORY REPRESENTATIVES

1) Notify & set up NMOCD & BLM for official MIT with chart recorder. Once MIT is approved & NMOCD OK's injection, initiate disposal into Devonian. **Do not exceed max pressure of 600 psi per NMOCD.**

WELLBORE SCHEMATIC

DEVON ENERGY PRODUCTION COMPANY LP			
Well Name: CHIMAYO 16 STATE #3 SWD	Field: WILLOW LAKE SOUTHEAST		
Location: 1610' FNL & 1455' FWL; SEC 16-T25S-R29E	County: EDDY	State: NM	
Elevation: 3015 KB; 2999' GL; 16'-KB TO GL	Spud Date: 9/25/10	Compl Date: 1/10/11	
API#: 30-015-38105 Prepared by: Ronnie Slack	Date: 1/11/11	Rev:	




Graphic Controls LLC
10/5/2019
CHART NO. MC MP-1000
METER
CHART PUT ON
TAKEN OFF
LOCATION Chimayo 16 St. #3 SWD
REMARKS
Mitch Johnson RGI
6 AM
NOON
6 PM
MIDNIGHT