

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

Form C-103  
Revised July 18, 2013

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

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.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	7. Lease Name or Unit Agreement Name Hackberry 16 SWD
2. Name of Operator Devon Energy Production Company, LP	8. Well Number 1
3. Address of Operator 333 West. Sheridan Avenue Oklahoma City, OK 73102-5015 405-552-7970	9. OGRID Number 6137
4. Well Location Unit Letter <u>M</u> : <u>330</u> feet from the <u>South</u> line and <u>280</u> feet from the <u>West</u> line Section <u>16</u> Township <u>19S</u> Range <u>31E</u> NMPM County <u>Eddy</u>	10. Pool name or Wildcat SWD; DEV-FUS-MON-SIMP-ELL
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3466.2' GL	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: MIT Post Workover <input checked="" type="checkbox"/>	

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 respectfully submits the attached October workover procedures for the subject well. The MIT was performed post resetting of the packer to ensure effective feeling of the packer elements.

Attachment: Workover Procedures

NM OIL CONSERVATION  
ARTESIA DISTRICT  
NOV 6 1 2019

RECEIVED

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

SIGNATURE Erin Workman TITLE: Regulatory Analyst DATE 10/29/2019

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

For State Use Only

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

**WELL NAME:** Hackberry 16 SWD 1**API:** 30-015-41783**WELLBORE DATA***\*Tubing & packer data available in Wellbore Schematic on last page of procedure***Hackberry 16-1 - KB: 3,491.2'; GL: 3,466.2'; KB: 25'**

Size	Weight	Grade	Interval	Collapse	Burst	Drift	Capacity
13-3/8"	61	J-55	0-2,535'	-	-	-	-
9-5/8"	40	HCK-55	0-4,900'	-	-	-	-
7"	26	HCP-110	0-13,348'	7,800	9,950	6.151"	0.03826

**IMPORTANT NOTES**

- 1) Previous workover ran a 10' pup just below the tbg hanger.
- 2) This well injects through open hole into Devonian formation.
- 3) NMOCD tubing pressure limit is **2,679 psi** at surface.
- 4) NMOCD regulation states that the packer may be set no shallower than 13,248'.

## **PROCEDURE**

**SAFETY:** All personnel will wear hard hats, safety glasses with side shields, steel toed boots, H<sub>2</sub>S 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) MIRU blow down tank & safety equipment (if necessary).
- 6) Blow down pressure/fluid until well dies, 500 bbls are flowed back, or 24 hours have passed.

### **MIRU WSU, PULL 10' PUP, RE-SET PCKR**

- 1) Hold PJSM.
- 2) Record SITP & SICP.
- 3) Install and/or test anchors. MIRU WSU & reverse unit, necessary flow back iron/equipment, flare stack, necessary safety equipment & rental equipment.
- 4) Blow down/kill well if necessary.
- 5) Install BPV/2-way check; ND tree.
- 6) NU 7-1/16" (or appropriate required) 10K BOPE with annular, 4-1/2" tbg rams, blind rams.
- 7) PTEST BOPE according to Devon protocol.
- 8) Spot LD machine & pipe racks (if required).
- 9) Release On/Off tool & allow backside PCKR fluid to equalize w/ TBG
- 10) Latch & release PCKR; POH laying down 10' injection string pup.
- 11) Re-set PCKR & release On/Off tool.
- 12) Load & CIRC hole with 250 bbls PCKR fluid. Latch PCKR. 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 @ 13,348'). Move packer set depth deeper or shallower to avoid previous packer slip set points **while staying below 13,248'**.*

13) Perform MIT. Pressure test 4-1/2" 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.

14) Space out & retrieve tbq plug.

15) RDMO WSU & related equipment.

### **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 2,679 psi per NMOCD.**

*\*Any future slickline tools will require a smooth surface to prevent tbq coating damage.*

*\*\*Per NMOCD, any unseating of injection packer will require an additional witnessed MIT prior to commencing injection.*

2) TOTP - Resume Injection.

## WELLBORE SCHEMATIC

