

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.)		WELL API NO. 30-015-41783
1. Type of Well: Oil Well ☐ Gas Well ☐ Other <u>SWD</u>		5. Indicate Type of Lease STATE ☒ FEE ☐
2. Name of Operator Devon Energy Production Co., L.P. 405-552-6558		6. State Oil & Gas Lease No.
3. Address of Operator 333 West Sheridan Ave, Oklahoma City, OK 73102		7. Lease Name or Unit Agreement Name Hackberry 16 SWD
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>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number <u>6137</u>
		10. Pool name or Wildcat SWD; Dev-Fus-Mon-Simp-Ell

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: <u>Workover</u> ☒		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 requests permission to do the following procedure.

Procedure

- 1) MIRU wireline crew.
- 2) Run perms to open hole, set off guns.
- 3) Trip out hole, lay down guns
- 4) MIRU pumps and equipment.
- 5) Establish injection rate with produced water at 2,679 psi surface pressure.
- 6) Shut in well after 3,000 bbls pumped. Record ISIP, 5 min, 10 min, 15 min SICP.
- 7) Repeat steps 5 and 6 pumping to 6,000 bbls.
- 8) MIRU frac crew
- 9) Fracture open hole, do not exceed 8,500 psi.
- 10) Repeat steps 5 and 6.
- 11) Report to OKC and record in wellview.

NM OIL CONSERVATION

ARTESIA DISTRICT

OCT 14 2014

RECEIVED

Spud Date:

Rig Release Date:

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

SIGNATURE Linda Good TITLE Regulatory Compliance Specialist DATE 10/13/2014

Type or print name Linda Good E-mail address: linda.good@dmn.com PHONE: 405-552-6558

For State Use Only

APPROVED BY: RR Dade TITLE Dist R. DeMunnick DATE 10/15/2014

Conditions of Approval (if any):

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 Bruening	Date: 10/9/14	Rev:

PROPOSED DRILL WELL FOR SWD

26" hole

20", 94#, J-55, BTC @ 450'

Cement w/1090 sx CI C to surface

17-1/2" hole

13-3/8", 61#, J-55, BTC @ 2535'

Cement w/1850 sx CI C to surface

12-1/4" hole

9-5/8", 40#, HCK-55, LTC, @ 4,900'

Cement w/1300 sx CI C to surf

Proposed SWD Conversion
ACID 40,000 GAL 15% HCL

8-3/4" hole

7", 26#, HCP-110, LTC, @ 13,348'

Cement w/1110 sx CI H

TOC ~ 3000'

6-1/8" Open Hole

13,348' - 14,765'

FORMATION TOPS

Quaternary	130'
Rustler	410'
Salado	485'
Base Salado	1950'
Tansil Dolomite	2040'
Yates	2175'
Seven Rivers	2430'
Capitan	2550'
B/Capitan	3370'
Delaware	4815'
Bone Spring	6560'
1st Bone Spring Sand	7900'
2nd Bone Spring Lime	8130'
2nd Bone Spring Sand	8675'
3rd Bone Spring Lime	9085'
3rd Bone Spring Sd	9485'
Wolfcamp	9,860'
Penn	10320'
Upper Penn Shale	10375'
Strawn	10860'
Atoka Shale	11235'
Morrow Lime	11400'
Middle Morrow	11780'
Lower Morrow	12080'
Upper Barnett	12160'
Chester (Austin Cycle)	12205'
Lower Barnett	12370'
Mississippian Lime	12700'
Woodford	13280'
Silurio - Devonian	13395'
Montoya	14420'
Simpson	14480'
Ellenburger	14665'

PROPOSED

T2 On/Off Tool

4-1/2", 11.6#, L80, IPC, tubing

7" Nickel Coated Arrow-set packer set @ 13,345'

PROPOSED PERFORATIONS

13,468' - 14,498', 13,508' - 13,538',
13,626' - 13,656'. (90' total)

PROPOSED INJECTION INTERVAL
DEVONIAN/SILURIAN/ORDOVICIAN

13,348' - 14,765'

14,765' TD