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

Form C-103
Revised August 1, 2011

WELL API NO.
30-015-40826

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.)

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

7. Lease Name or Unit Agreement Name
Harroun Trust 31

8. Well Number
4H

2. Name of Operator
Devon Energy Production Company, L.P.

9. OGRID Number
6137

3. Address of Operator
333 West Sheridan
Oklahoma City, OK 73102-5015 405-228-7203

10. Pool name or Wildcat
Harroun Ranch; Delaware

4. Well Location
Unit Letter _O_ : _330_ feet from the _South_ line and _2310_ feet from the _South_ line
Section 31 Township 23S Range 29E NMPM Eddy County

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
2958

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	☐						
OTHER: Csg Chg	☒			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 Company, L.P. respectfully requests a change in the surface casing setting depth from 600' to 455'.

Attachment:
Drilling Plan

RECEIVED
AUG 09 2013
NMOCD ARTESIA

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

SIGNATURE: Trina C. Couch TITLE: Regulatory Associate DATE: 8/8/2013

Type or print name Trina C. Couch E-mail address: trina.couch@dvn.com PHONE: 405-228-7203

For State Use Only

APPROVED BY: KR Dade TITLE Dist II Supervisor DATE 8/19/13

Conditions of Approval (if any):

See COA's Still Observed

Harroun Trust 31 4H– APD DRILLING PLAN
KKS 10-29-12
Revised SKS 7-31-13
Revised SKS 8-7-13

Casing Program

Hole Size	Hole Interval	OD Csg	Casing Interval	Weight	Collar	Grade
17-1/2"	0 – 455	13-3/8"	0 – 600	48#	STC	H-40
12-1/4"	455 – 2,750	9-5/8"	0 – 2,750	40#	LTC	J-55
8-3/4"	2,750– 13,691	5-1/2"	0 – 13,691	17#	DWC/C	P-110RY

Max TVD in lateral: 6,400'

Mud Program:

Depth	Mud Wt.	Visc.	Fluid Loss	Type System
0 – 455	8.4 – 9.0	30 – 34	N/C	FW
455 – 2,750	9.6 – 10.0	28 – 32	N/C	Brine
2,750 – 13,691	8.6 – 9.0	28 – 32	N/C-12	FW

Pressure Control Equipment:

The BOP system used to drill the intermediate hole will consist of a 13-5/8" 3M Double Ram and Annular preventer. The BOP system will be tested as a 3M system prior to drilling out the surface casing shoe.

The BOP system used to drill the production hole will consist of a 13-5/8" 3M Double Ram and Annular preventer. The BOP system will be tested as a 3M system prior to drilling out the intermediate casing shoe.

The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.

Cementing Program

13-3/8" Surface

Lead: 500 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 56.3% Fresh Water, 14.8 ppg

Yield: 1.35 cf/sk

TOC @ surface.

9-5/8" Intermediate

Lead: 870 sacks (60:40) Poz (Fly Ash):Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 0.2% bwoc FL-52 + 1% bwoc Sodium Metasilicate + 86.6% Fresh Water, 12.8 ppg

Yield: 1.65 cf/sk

TOC @ surface

Tail: 300 sacks (60:40) Poz (Fly Ash):Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 0.4% bwoc Sodium Metasilicate + 0.5% bwoc BA-10A + 4% bwoc MPA-5 + 65.3% Fresh Water, 13.8 ppg

Yield: 1.38 cf/sk.

5-1/2" Production (single stage)

1st Lead: 450 sacks (50:50) Poz (Fly Ash):Class H Cement + 0.5% bwoc FL-52 + 0.3% bwoc ASA-01 + 10% bwoc Bentonite + 0.35% bwoc R-21 + 130.7% Fresh Water, 11.8 ppg

Yield: 2.30 cf/sk

2nd Lead: 380 sacks (35:65) Poz (Fly Ash):Class H Cement + 3% bwow Sodium Chloride + 0.2% bwoc R-3 + 0.125 lbs/sack Cello Flake + 0.7% bwoc FL-52 + 0.3% bwoc ASA-301 + 6% bwoc Bentonite + 105.5% Fresh Water,12.5 ppg

Yield: 2.01 cf/sk

Tail: 1980 sacks (50:50) Poz (Fly Ash):Class H Cement + 5% bwow Sodium Chloride + 0.3% bwoc CD-32 + 0.5% bwoc FL-25 + 0.4% bwoc FL-52 + 0.5% bwoc Sodium Metasilicate + 57.3% Fresh Water, 14.2 ppg

Yield: 1.28 cf/sk

TOC for All Strings:	
Surface:	0'
Intermediate:	0'
Production:	2,200

ACTUAL CEMENT VOLUMES WILL BE ADJUSTED BASED ON FLUID CALIPER AND CALIPER LOG DATA.