

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0135
EXPIRES: March 31, 2007

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals

SUBMIT IN TRIPLICATE

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other _____

2. Name of Operator
DEVON ENERGY PRODUCTION COMPANY, LP

3. Address and Telephone No.
20 N. Broadway, Oklahoma City, Ok 73102-8260 405-235-3611

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
200 FSL 330 FWL SEC 2 T25S R31E
BHL: 2599 FSL 339 FWL Sec 35 T24S R31E PP: 165 FSL 397 FWL

5. Lease Serial No.
SH:K4562; NM036379

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Well Name and No.
Cotton Draw Unit 134H

9. API Well No.
30-015-38293

10. Field and Pool, or Exploratory
Avalon Shale; Bone Spring

11. County or Parish State
Eddy NM

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☒ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Completion Report
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☒ Water Disposal	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepens directionally or recompletes horizontally, give subsurface location and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

2/9/11 - 4/20/11

MIRU WSU. Drill thru DV. RIH w/ tbg to 11,658'. Test csg to 3700 psi, held for 15 mins. CHC. Drill to PBTD & spot acid. RIH w/ TCP & OWU. RIH w/ WL & run CBL. RU BJ (see attached summary). ND Frac header. NU & test BOP. MIRU BJ & frac. RU FB iron. FWB. RIH w/ tbg & rods. RIH w/ pump and TOP.

Accepted for record - NMOCD

DJB JUL 21 2011

RECEIVED

JUL 15 2011

NMOCD ARTESIA

14. I hereby certify that the foregoing is true and correct

Signed Judy A. Barnett Name Judy A. Barnett X8699 Title Regulatory Specialist Date 6/20/2011

(This space for Federal or State Office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: _____

This form is a regulation under the Federal Land Management and Policy Act, and it is a crime for any person knowingly and willfully to make any statement or representation to any matter within its jurisdiction.

*See Instruction on Reverse Side

ACCEPTED FOR RECORD

JUN 24 2011

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE



Stimulations Summary

District PERMIAN BASIN		County EDDY		Field Name AVALON SHALE		Project Group PB NEW MEXICO		State/Province NM								
Surface Legal Location SEC. 2 T25S R31E			API/UWI 3001538293		Latitude (DMS) 32° 9' 10.099" N		Longitude (DMS) 103° 45' 22.174" ...		Ground Elev 3,418.50		KB - GL (ft) 26.20		Orig KB Elev (ft) 3,444.70		TH Elev (ft)	
HYDRAULIC FRAC, 3/7/2011 06:20, AVALON SHALE, OH, 16,175.0 ftKB - 16,422.0 ftKB, BJ Services, 100 Mesh 91899 LBS; 50964 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5501.10	0.0	7,000.0	2,955.0		6,828.0	70	8,543.0	80	2.00						
HYDRAULIC FRAC, 3/13/2011 06:24, AVALON SHALE, OH, 16,175.0 ftKB - 16,422.0 ftKB, BJ Services, 100 Mesh 54770 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
96,250.0	4433.00	0.0				5,700.0	53	6,720.0	67	0.75						
HYDRAULIC FRAC, 3/13/2011 11:01, AVALON SHALE, OH, 15,162.0 ftKB - 15,480.0 ftKB, BJ Services, 100 Mesh 141364 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5922.30	0.0	2,268.0			5,600.0	63	6,524.0	71	2.00						
HYDRAULIC FRAC, 3/13/2011 15:20, AVALON SHALE, OH, 14,688.0 ftKB - 15,008.0 ftKB, BJ Services, 5001 LBS; 100 Mesh 78333 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5356.90	0.0				5,962.0	61	6,686.0	76	1.00						
HYDRAULIC FRAC, 3/13/2011 19:38, AVALON SHALE, OH, 14,214.0 ftKB - 14,532.0 ftKB, BJ Services, 4995 LBS; 100 Mesh 78285 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5677.80	0.0	2,477.0	3,521.0		5,511.0	61	6,098.0	74	1.00						
HYDRAULIC FRAC, 3/14/2011 06:10, AVALON SHALE, OH, 13,810.0 ftKB - 14,102.0 ftKB, BJ Services, 51251 LBS; White sand 91898 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5677.20	0.0	2,740.0	4,780.0		5,649.0	69	6,039.0	74	2.00						
HYDRAULIC FRAC, 3/14/2011 16:06, AVALON SHALE, OH, 13,323.0 ftKB - 13,642.0 ftKB, BJ Services, White sand 91982 LBS; 51252 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5613.50	0.0	2,346.0	4,778.0		5,566.0	67	8,326.0	72	2.00						
HYDRAULIC FRAC, 3/15/2011 06:04, AVALON SHALE, OH, 12,835.0 ftKB - 13,202.0 ftKB, BJ Services, 51289 LBS; White sand 91950 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5927.30	0.0	3,267.0	5,331.0		5,597.0	71	6,425.0	75	2.00						
HYDRAULIC FRAC, 3/15/2011 10:15, AVALON SHALE, OH, 12,318.0 ftKB - 12,642.0 ftKB, BJ Services, 51291 LBS; White sand 91872 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5591.30	0.0	2,702.0	5,121.0		5,283.0	64	6,175.0	72	2.00						
HYDRAULIC FRAC, 3/15/2011 14:03, AVALON SHALE, OH, 11,835.0 ftKB - 12,214.0 ftKB, BJ Services, 51349 LBS; White sand 91917 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5574.20	0.0	2,586.0	5,440.0		5,000.0	70	6,100.0	72	2.00						
HYDRAULIC FRAC, 3/15/2011 17:49, AVALON SHALE, OH, 11,385.0 ftKB - 11,659.0 ftKB, BJ Services, White sand 93049 LBS; 51494 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5591.30	0.0				4,850.0	62	7,012.0	74	2.00						
HYDRAULIC FRAC, 3/16/2011 06:03, AVALON SHALE, OH, 10,836.0 ftKB - 11,222.0 ftKB, BJ Services, 51260 LBS; White sand 91885 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5543.20	0.0	1,990.0	4,370.0		5,092.0	62	6,081.0	72	2.00						
HYDRAULIC FRAC, 3/16/2011 11:35, AVALON SHALE, OH, 10,440.0 ftKB - 10,707.0 ftKB, BJ Services, White sand 91858 LBS; 51249 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5536.90	0.0	2,056.0	5,880.0		5,457.0	68	7,012.0	72	2.00						
HYDRAULIC FRAC, 3/16/2011 15:10, AVALON SHALE, OH, 9,968.0 ftKB - 10,290.0 ftKB, BJ Services, 51278 LBS; White sand 93007 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5526.50	0.0	2,002.0	5,089.0		4,600.0	69	6,074.0	73	2.00						
HYDRAULIC FRAC, 3/16/2011 18:36, AVALON SHALE, OH, 9,413.0 ftKB - 9,796.0 ftKB, BJ Services, 51335 LBS; White sand 92059 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5538.30	0.0		4,835.0		4,700.0	70	7,803.0	72	2.00						
HYDRAULIC FRAC, 3/17/2011 07:28, AVALON SHALE, OH, 9,000.0 ftKB - 9,318.0 ftKB, BJ Services, 54016 LBS; White sand 91858 LBS																
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Pst Trt S/I Prs (psi)	P(break) (psi)	ISIP (psi)	P (avg) (psi)	Rate (avg) (bbl/mi)	P (max) (psi)	Rate (max) (bbl/m)	Max Conc						
196,250.0	5866.70	0.0	1,797.0	4,238.0		4,593.0	70	5,286.0	72	2.00						



COTTON DRAW UNIT 134H

WEST UNRESTRICTED

Stimulations Stages

District PERMIAN BASIN		County EDDY		Field Name AVALON SHALE		Project Group PB NEW MEXICO		State/Province NM				
Surface Legal Location SEC. 2 T25S R31E			API/UWI 3001538293		Latitude (DMS) 32° 9' 10.099" N		Longitude (DMS) 103° 45' 22.174" ...		Ground Elev 3,418.50	KB - GL (ft) 26.20	Orig KB Elev (ft) 3,444.70	TH Elev (ft)
Fracture												
Date 3/17/2011 07:28	Type HYDRAULIC FRAC	Job Category DRILLING/COMPL...		Zone AVALON SHALE, OH		Min Top Depth (ftKB) 9,000.0	Max Btm Depth (ftKB) 9,318.0	Delivery Mode CASING	Stim/Treat Company BJ Services		ISIP (psi)	
Stim/Treat Supervisor PEREZ, ROBERT		Pre Trt S/I Prs (psi) 0.0	Pst Trt S/I Prs (psi) 1,797.0	Avg Treat Rate (bbl/min) 70		Max Treat Rate (bbl/min) 72		Min Treat Rate (bbl/min) 47		Max Treat Pressure (psi) 5,286.0		Min Treat Pressure (psi) 4,319.0
P(break) (psi) 4,238.0		Frac Gradient (psi/ft) 0.63	Proppant Frm (lb) 215,203.0		Proppant WB (lb) 0.0	Proppant Return (lb)	Proppant Design (lb) 196,250.0	V clean+slurry 5866.70	V Net (bbl) 5866.70	V (pumped) (bbl) 5866.70	Total Clean+S 5866.70	
Stage Type: Drop ball												
Stg No 1	Start Time	End Time 07:28	Tbg Press Start (p 3,521.0	Q (init fld) (b 15	V clean (bbl) 33.70	Sieve Series	Amount 0.0	Units LBS	Type White sand	Conc (lb/g 0.00	Cum V clean (bbl) 33.70	
Stage Type: Acid												
Stg No 2	Start Time 07:28	End Time 07:31	Tbg Press Start (p 4,129.0	Q (init fld) (b 15	V clean (bbl) 135.50	Sieve Series	Amount 0.0	Units LBS	Type White sand	Conc (lb/g 0.00	Cum V clean (bbl) 169.20	
Stage Type: Pre-pad												
Stg No 3	Start Time 07:31	End Time 07:40	Tbg Press Start (p 3,909.0	Q (init fld) (b 47	V clean (bbl) 233.00	Sieve Series	Amount 0.0	Units LBS	Type White sand	Conc (lb/g 0.00	Cum V clean (bbl) 402.20	
Stage Type: Pad												
Stg No 4	Start Time 07:40	End Time 07:49	Tbg Press Start (p 4,063.0	Q (init fld) (b 53	V clean (bbl) 166.70	Sieve Series	Amount 0.0	Units LBS	Type White sand	Conc (lb/g 0.00	Cum V clean (bbl) 568.90	
Stage Type: .25# White 100 Mesh												
Stg No 5	Start Time 07:49	End Time 07:52	Tbg Press Start (p 4,186.0	Q (init fld) (b 53	V clean (bbl) 178.60	Sieve Series	Amount 0.0	Units LBS	Type White sand	Conc (lb/g 0.00	Cum V clean (bbl) 747.50	
Stage Type: Pad												
Stg No 6	Start Time 07:52	End Time 07:56	Tbg Press Start (p 4,427.0	Q (init fld) (b 57	V clean (bbl) 190.30	Sieve Series	Amount 0.0	Units LBS	Type White sand	Conc (lb/g 0.00	Cum V clean (bbl) 937.80	
Stage Type: 50# White 100 Mesh												
Stg No 7	Start Time 07:56	End Time 07:59	Tbg Press Start (p 4,451.0	Q (init fld) (b 61	V clean (bbl) 227.20	Sieve Series	Amount 0.0	Units LBS	Type White sand	Conc (lb/g 0.00	Cum V clean (bbl) 1165.00	
Stage Type: Pad												
Stg No 8	Start Time 07:59	End Time 08:03	Tbg Press Start (p 4,512.0	Q (init fld) (b 65	V clean (bbl) 309.80	Sieve Series	Amount 1,876.0	Units LBS	Type White sand	Conc (lb/g 0.25	Cum V clean (bbl) 1474.80	
Stage Type: .25# White 40/70												
Stg No 9	Start Time 08:03	End Time 08:07	Tbg Press Start (p 4,462.0	Q (init fld) (b 71	V clean (bbl) 476.30	Sieve Series	Amount 0.0	Units LBS	Type	Conc (lb/g 0.00	Cum V clean (bbl) 1951.10	
Stage Type: .50# White 40/70												
Stg No 10	Start Time 08:07	End Time 08:15	Tbg Press Start (p 4,910.0	Q (init fld) (b 72	V clean (bbl) 714.30	Sieve Series	Amount 4,772.0	Units LBS	Type	Conc (lb/g 0.50	Cum V clean (bbl) 2665.40	
Stage Type: .75# White 40/70												
Stg No 11	Start Time 08:15	End Time 08:25	Tbg Press Start (p 4,593.0	Q (init fld) (b 72	V clean (bbl) 928.30	Sieve Series	Amount 0.0	Units LBS	Type	Conc (lb/g 0.00	Cum V clean (bbl) 3593.70	
Stage Type: 1.00# White 20/40												
Stg No 12	Start Time 08:25	End Time 08:39	Tbg Press Start (p 4,319.0	Q (init fld) (b 72	V clean (bbl) 714.50	Sieve Series	Amount 5,001.0	Units LBS	Type	Conc (lb/g 0.25	Cum V clean (bbl) 4308.20	
Stage Type: 2.00# White 20/40												
Stg No 13	Start Time 08:39	End Time 08:49	Tbg Press Start (p 4,331.0	Q (init fld) (b 72	V clean (bbl) 713.90	Sieve Series	Amount 15,001.0	Units LBS	Type	Conc (lb/g 0.50	Cum V clean (bbl) 5022.10	
Stage Type: 3.00# White 20/40												
Stg No 14	Start Time 08:49	End Time 08:59	Tbg Press Start (p 4,673.0	Q (init fld) (b 72	V clean (bbl) 634.70	Sieve Series	Amount 29,242.0	Units LBS	Type	Conc (lb/g 0.75	Cum V clean (bbl) 5656.80	
Stage Type: Flush												
Stg No 15	Start Time 08:59	End Time 09:09	Tbg Press Start (p 5,286.0	Q (init fld) (b 72	V clean (bbl) 209.90	Sieve Series	Amount 30,012.0	Units LBS	Type White sand	Conc (lb/g 1.00	Cum V clean (bbl) 5866.70	
Stage Type: Shutdown/ISIP												
Stg No 16	Start Time 09:09	End Time 09:13	Tbg Press Start (p 1,797.0	Q (init fld) (b 0	V clean (bbl) 0.00	Sieve Series	Amount 59,970.0	Units LBS	Type White sand	Conc (lb/g 2.00	Cum V clean (bbl) 5866.70	