

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA
RECEIVED

MAY 22 2012

FORM APPROVED
OMB NO. 1004-0137
EXPIRES: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG NMOC D ARTESIA

Lease Serial No
SH:K4562; NM036379

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., ☐ Other		7. Unit or CA Agreement Name and No NM 709284 X	
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP		8. Lease Name and Well No. Cotton Draw Unit 136H	
3. Address 20 North Broadway, Oklahoma City, OK 73102-8260		9. API Well No 30-015-38534	
3a. Phone No (include area code) 405-235-3611		10. Field and Pool, or Exploratory Paduca; Bone Spring	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 200 FSL 1650 FWL At top prod. Interval reported below At total Depth 2625 FSL 1611 FWL SEC 35		11. Sec, T, R, M, on Block and Survey or Area N SEC 2 T25S R31E	
14. Date Spudded 4/7/2011		15. Date T D Reached 9/20/2011	
16. Date Completed 4/6/2012		17. Elevations (DR, RKB, RT, GL)* 3418'	
18. Total Depth: MD 16,553' TVD 9090'		19. Plug Back T D... MD 16,460' TVI	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL		22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☒ No ☐ Yes (Submit copy)	

23 Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" H-40	48#	0	709'		647 sx C; Circ 160 sx		Surface	
12 1/4"	9 5/8" J-55	40#	0	4264'	TOC 3754'	1280 sx C; Circ 383 sx			CBL
8 3/4"	5/12" P110	17#	0	7267'					
8 3/4"	5 1/2" P110	20#		16,530'	DV @ 5979'	2975 sx; Circ 223 sx			

24 Tubing Record							
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)
2 7/8"							

25. Producing Intervals				26 Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status	
Paduca; Bone Spring	9,338	16,444	9338-16,444		255	Producing	
						Producing	

27 Acid, Fracture, Treatment, Cement Squeeze, Etc	
Depth Interval	Amount and Type of Material
9338-16,444'	(See attached detailed summary). Total frac w/ 2,382,700 20/40 white sd; 943,900 30/50 white sd; 84,900 40/70 white sd; 134,000 100 mesh white sd and 80K g 7.5% HCL.

28 Production - Interval A									
Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
4/6/2012	4/6/2012 24	→	391	1421	947			Pumping	

Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status
			→	391	1421	947	3,634	

28a Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

RECLAMATION

DUE 10-6-12

ACCEPTED FOR RECORD

MAY 20 2012

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Ibg. Press Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Ibg. Press Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

Disposition of Gas (Sold, used for fuel, vented, etc.)

sold

Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof; Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Bell Canyon	4344	5319	SW	Base Salt	4080'
Cherry Canyon	5319	6526	SW	Delaware/Lamar	4311'
Brushy Canyon	6526	8261	Oil	Bell Canyon	4344'
Bone Spring	8261	TD	Oil/Gas	Cherry Canyon	5319'
				Brushy Canyon	6526'
				Bone Spring	8261'

Additional remarks (include plugging procedure)

☐ e enclosed attachments.

33 Indicate which items have been attached by placing a check in the appropriate box:

Electrical/Mechanical Logs (1 full set req'd)

Geologic Report

DST Report

Directional Survey

Sundry Notice for plugging and cement verification

Core Analysis

Other

Name (Please print)

Judy A. Barnett X8699

Title

Regulatory Specialist

Signature

Date

4/30/2012

18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

RECEIVED

2012 MAY -1 PM 2:51

BUREAU OF LAND MGMT
CARLSBAD FIELD OFFICE

Stimulations Summary

District	County	Field Name	Project Group	State/Province						
PERMIAN BASIN	EDDY	AVALON SHALE	PB NEW MEXICO	NM						
Surface Legal Location	API/UWI	Latitude (DMS)	Longitude (DMS)	Ground Elev	KB - GL (ft)	Orig KB Elev (ft)	TH Elev (ft)			
SEC 2 T25S R31E	3001538534	32° 9' 9.933" N	103° 45' 6.824" W	3,421.30	26 20	3,447 50				
<Type?>, 1/8/2012 00:00, AVALON SHALE, OH, 16,218.0 ftKB - 16,444.0 ftKB, BJ Services, 180549 LBS; White 25966.7 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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.
	5908.60	0.0	6,308.0	256 0		6,227.0	67	8,450.0	70	2 50
<Type?>, 2/4/2012 06:00, AVALON SHALE, OH, 15,788.0 ftKB - 16,134.0 ftKB, BJ Services, White 23707.5 LBS; 143977.101 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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...
	5642.10	0.0	2,601.0	6,194.0		5,876.6	46	6,800 0	61	2 00
<Type?>, 2/4/2012 08:00, AVALON SHALE, OH, 15,358.0 ftKB - 15,704.0 ftKB, BJ Services, 157327.497 LBS; White 24309.3 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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...
	5824.40	0.0	2,531.0	4,694.0		5,705.0	46	6,044.0	61	2.50
<Type?>, 2/4/2012 10:00, AVALON SHALE, OH, 15,358.0 ftKB - 15,704.0 ftKB, BJ Services, 157327.497 LBS; White 24309.3 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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.
	5824.40	0.0	2,531.0	4,694.0		5,798.0	46	6,492.0	61	2.50
<Type?>, 2/5/2012 06:00, AVALON SHALE, OH, 14,498.0 ftKB - 14,844.0 ftKB, BJ Services, White 23413.8 LBS; 175420.298 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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.
	5898.50	0.0	2,430 0	5,819 0		5,536.0	62	5,961.0	69	3.00
<Type?>, 2/5/2012 08:00, AVALON SHALE, OH, 14,068.0 ftKB - 14,414.0 ftKB, BJ Services, White 22434.4 LBS; 197177.296 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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.
	6035.00	0.0	2,430.0	4,440.0		5,725.0	62	6,336.0	69	3.00
<Type?>, 2/5/2012 10:00, AVALON SHALE, OH, 13,638.0 ftKB - 13,984.0 ftKB, BJ Services, 187319.4 LBS; White 22247.8 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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
	5917 10	0.0	2,496.0	4,852.0		5,725.0	64	6,336.0	69	3.00
<Type?>, 2/6/2012 06:00, AVALON SHALE, OH, 13,208.0 ftKB - 13,554.0 ftKB, BJ Services, 201734.298 LBS; White 21511.3 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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
	6036.40	0.0	2,496 0	5,267.0		5,603.0	58	5,982.0	67	3.00
<Type?>, 2/7/2012 06:00, AVALON SHALE, OH, 12,778.0 ftKB - 13,124.0 ftKB, BJ Services, 195338.497 LBS; White 21304.7 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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
	5928 50	0.0	2,628.0	6,109.0		5,542 0	62	5,901.0	70	3.00
<Type?>, 2/8/2012 06:00, AVALON SHALE, OH, 12,348.0 ftKB - 12,694.0 ftKB, BJ Services, 202270.401 LBS; White 21214.3 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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
	5988.20	0.0	4,959.0	4,779.0		5,404.0	64	5,685.0	72	3.00
<Type?>, 2/8/2012 08:00, AVALON SHALE, OH, 11,918.0 ftKB - 12,264.0 ftKB, BJ Services, 196885.798 LBS; White 21428.9 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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.
	5915.40	0.0	4,220.0	4,168.0		5,086 0	66	6,269.0	71	3.00
<Type?>, 2/8/2012 10:00, AVALON SHALE, OH, 11,488.0 ftKB - 11,834.0 ftKB, BJ Services, 206420.101 LBS; White 21174.3 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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
	5983.70	0.0	3,163 0	5,499.0		5,124.0	62	5,703.0	70	3.00
<Type?>, 2/8/2012 12:00, AVALON SHALE, OH, 11,058.0 ftKB - 11,404.0 ftKB, BJ Services, 431817.095 LBS; White 21421 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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
	8710.40	0.0	2,864.0	4,923.0		5,206.0	64	5,607.0	71	3.00
<Type?>, 2/9/2012 06:00, AVALON SHALE, OH, 10,628.0 ftKB - 10,974.0 ftKB, BJ Services, 204556.595 LBS; White 21354.6 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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.
	5994.60	0 0	2,250.0	4,402.0		5,091.0	68	5,511.0	71	3 00
<Type?>, 2/9/2012 08:00, AVALON SHALE, OH, 10,198.0 ftKB - 10,544.0 ftKB, BJ Services, White 21342.9 LBS; 201890.798 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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.
	5925 60	0.0	3,261.0	4,494.0		5,607.0	64	6,549.0	70	3.00
<Type?>, 2/9/2012 10:00, AVALON SHALE, OH, 10,198.0 ftKB - 10,544.0 ftKB, BJ Services, White 21293.5 LBS; 163631.101 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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
	5633.60	0.0	1,973 0	4,435.0		5,022.0	66	6,133.0	70	3.00
<Type?>, 2/9/2012 12:00, AVALON SHALE, OH, 9,338.0 ftKB - 9,684.0 ftKB, BJ Services, 237549.1 LBS; White 22248.4 LBS										
Proppant De	V (pumped) (bbl)	Pre Trt S/I Prs (psi)	Post 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
	6681 20	0.0	2,769 0	4,760.0		4,662 0	67	5,506.0	70	3.00