

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2014

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. BHL: NM037489, SHL: NM036379			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						6. If Indian, Allottee or Tribe Name			
2. Name of Operator Devon Energy Production Company, L.P.						7. Unit or CA Agreement Name and No. Cotton Draw Unit			
3. Address 333 W. Sheridan Avenue Oklahoma City, Oklahoma 73102						8. Lease Name and Well No. Cotton Draw Unit 117H			
3a. Phone No. (include area code) 405-228-4248						9. API Well No. 30-015-38434			
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface 160' FSL & 2280' FEL, Lot 3, Sec 34, T24S-R31E  At top prod. interval reported below  At total depth 739' FNL & 2272' FEL, Unit B, Sec 34, T24S-R31E						10. Field and Pool or Exploratory Paduca; Bone Spring			
<div style="border: 2px solid black; padding: 10px; text-align: center; width: fit-content; margin: auto;"> <b>RECEIVED</b>   OCT 31 2013   <b>NMOCD ARTESIA</b> </div>						11. Sec., T., R., M., on Block and Survey or Area Sec 34, T24S, R31E			
						12. County or Parish Eddy		13. State NM	
14. Date Spudded 07/18/2013		15. Date T.D. Reached 08/09/2013		16. Date Completed 09/05/2013 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3456' GL			
18. Total Depth: MD 14518' TVD 10335'		19. Plug Back T.D.: MD 14454' TVD		20. Depth Bridge Plug Set: MD TVD		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL									
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 of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#	0	1025'		960 sx CI C		0	
12 1/4"	9 5/8"	40#	0	4335'		1300 sx CI C		0	
8 3/4"	5 1/2"	17#	0	14503'	DV @ 5965'	3030 sx CI H	1st stage	0	
						485 sx CI H	2nd Stage	2550'	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
no tbg									
25. Producing Intervals									
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Bone Spring		10575	14427'	10575 - 14427'			672	open	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
10575 - 14427'		43K gals 15% HCL, 801K 100 Mesh sd, 844K # 40/70 white sd, 259K # 40/70 SLC prop							
(14 stages)									
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method flowing
9/5/2013	09/22/13	24	→	1447	1178	1239			RECLAMATION DUE 2-5-14
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status producing	
		1300	→				814.09813		ACCEPTED FOR RECORD
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
			→						OCT 27 2013
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 page 2)

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	Tbg. 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	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)  
sold

## 30. 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
				Rustler	980'
				Salado	1323'
				Base of Salt	4244'
				Delaware	4449'
				Bone Spring	8303'

32. Additional remarks (include plugging procedure):

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

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Patti Riechers

Title Regulatory Specialist

Signature Patti Riechers

Date 10/10/2013

Title 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.

(Continued on page 3)

(Form 3160-4, page 2)



## COTTON DRAW UNIT 117H

WEST UNRESTRICTED

## Perforation Summary

District		County		Field Name		Project Group		State/Province					
PERMIAN BASIN		EDDY		PADUCA		DELAWARE BASIN		NM					
Surface Legal Location		API/UWI	Latitude (°)		Longitude (°)		Ground Elev MSL (ft)	KB - Ground Level (ft)	Orig KB Elevation (ft)	Tubing Head Elevation (ft)			
SEC34 T24S R31E		3001538434	32° 10' 2" N		103° 45' 52.348" W		3,456.20	28.00	3,484.20				
Date	Zone	Top (ftKB)	Top (TVD) (ftKB)	Btm (ftKB)	Btm (TVD) (ftKB)	Current Status	Carrier Des	Gun Size (in)	Charge Type	Chg S2 (g)	Shot Dens (shots/ft)	Phasing (°)	Conveyance Method
8/31/2013	BONE SPRING 2ND, OH	10,575.0	10,312.6	10,577.0	10,312.9			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/31/2013	BONE SPRING 2ND, OH	10,645.0	10,319.9	10,647.0	10,320.1			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/31/2013	BONE SPRING 2ND, OH	10,715.0	10,322.1	10,717.0	10,322.2			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/31/2013	BONE SPRING 2ND, OH	10,785.0	10,321.5	10,787.0	10,321.5			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/31/2013	BONE SPRING 2ND, OH	10,855.0	10,320.2	10,857.0	10,320.2			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/31/2013	BONE SPRING 2ND, OH	10,925.0	10,318.6	10,927.0	10,318.6			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/31/2013	BONE SPRING 2ND, OH	10,995.0	10,316.8	10,997.0	10,316.7			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/31/2013	BONE SPRING 2ND, OH	11,065.0	10,314.5	11,067.0	10,314.4			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2013	BONE SPRING 2ND, OH	11,135.0	10,312.0	11,137.0	10,311.9			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2013	BONE SPRING 2ND, OH	11,205.0	10,309.7	11,207.0	10,309.6			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2013	BONE SPRING 2ND, OH	11,275.0	10,307.8	11,275.0	10,307.8			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2013	BONE SPRING 2ND, OH	11,345.0	10,306.6	11,347.0	10,306.6			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2012	BONE SPRING 2ND, OH	11,415.0	10,306.1	11,417.0	10,306.1			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2013	BONE SPRING 2ND, OH	11,485.0	10,305.9	11,487.0	10,305.9			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2013	BONE SPRING 2ND, OH	11,555.0	10,305.5	11,557.0	10,305.5			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2013	BONE SPRING 2ND, OH	11,625.0	10,304.9	11,627.0	10,304.9			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2013	BONE SPRING 2ND, OH	11,695.0	10,303.2	11,697.0	10,303.1			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2013	BONE SPRING 2ND, OH	11,765.0	10,300.2	11,767.0	10,300.1			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2013	BONE SPRING 2ND, OH	11,835.0	10,296.6	11,837.0	10,296.5			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/30/2013	BONE SPRING 2ND, OH	11,905.0	10,293.0	11,907.0	10,292.9			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/29/2013	BONE SPRING 2ND, OH	11,975.0	10,290.6	11,977.0	10,290.5			3 1/8	SHAPED	23.0	6.0	60	COILED TUBING
8/29/2013	BONE SPRING 2ND, OH	12,045.0	10,289.3	12,047.0	10,289.3			3 1/8	SHAPED	23.0	6.0	60	COILED TUBING
8/29/2013	BONE SPRING 2ND, OH	12,115.0	10,289.0	12,117.0	10,289.0			3 1/8	SHAPED	23.0	6.0	60	COILED TUBING
8/29/2013	BONE SPRING 2ND, OH	12,185.0	10,289.8	12,187.0	10,289.9			3 1/8	SHAPED	23.0	6.0	60	COILED TUBING
8/27/2013	BONE SPRING 2ND, OH	12,255.0	10,290.5	12,257.0	10,290.5			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	12,325.0	10,290.9	12,327.0	10,290.4			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	12,395.0	10,292.2	12,397.0	10,292.3			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	12,465.0	10,295.0	12,467.0	10,295.1			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	12,535.0	10,298.8	12,537.0	10,298.9			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	12,605.0	10,302.8	12,607.0	10,302.9			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	12,675.0	10,306.2	12,677.0	10,306.3			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	12,745.0	10,309.0	12,747.0	10,309.0			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	12,815.0	10,311.2	12,817.0	10,311.3			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	12,885.0	10,312.7	12,887.0	10,312.7			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	12,995.0	10,311.7	12,997.0	10,311.7			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	13,025.0	10,310.8	13,027.0	10,310.7			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	13,095.0	10,308.7	13,097.0	10,308.6			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	13,165.0	10,307.6	13,167.0	10,307.6			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	13,235.0	10,308.6	13,237.0	10,308.7			3 1/8	SHAPED	23.0	6.0	60	WIRELINE
8/27/2013	BONE SPRING 2ND, OH	13,305.0	10,310.3	13,307.0	10,310.3			3 1/8	SHAPED	23.0	6.0	60	WIRELINE



## COTTON DRAW UNIT 117H

WEST UNRESTRICTED

## Perforation Summary

District PERMIAN BASIN		County EDDY		Field Name PADUCA		Project Group DELAWARE BASIN				State/Province NM					
Surface Legal Location SEC34 T24S R31E		API/UWI 3001538434		Latitude (°) 32° 10' 2" N		Longitude (°) 103° 45' 52.348" W		Ground Elev MSL (ft) 3,456.20		KB - Ground Level (ft) 28.00		Orig KB Elevation (ft) 3,484.20		Tubing Head Elevation (ft)	
Date	Zone	Top (ftKB)	Top (TVD) (ftKB)	Btm (ftKB)	Btm (TVD) (ftKB)	Current Status	Carrier Des	Gun Size (in)	Charge Type	Chg SZ (g)	Shot Dens (shots/ft)	Phasing (%)	Conveyance Method		
8/27/2013	BONE SPRING 2ND, OH	13,375.0	10,311.5	13,377.0	10,311.6			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/27/2013	BONE SPRING 2ND, OH	13,445.0	10,312.1	13,447.0	10,312.1			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/27/2013	BONE SPRING 2ND, OH	13,515.0	10,312.8	13,517.0	10,312.8			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/27/2013	BONE SPRING 2ND, OH	13,585.0	10,313.1	13,587.0	10,313.1			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/26/2013	BONE SPRING 2ND, OH	13,655.0	10,313.5	13,657.0	10,313.5			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/26/2013	BONE SPRING 2ND, OH	13,725.0	10,315.0	13,727.0	10,315.0			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/26/2013	BONE SPRING 2ND, OH	13,795.0	10,317.3	13,797.0	10,317.4			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/26/2013	BONE SPRING 2ND, OH	13,865.0	10,319.9	13,867.0	10,320.0			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/26/2013	BONE SPRING 2ND, OH	13,935.0	10,322.6	13,937.0	10,322.7			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/26/2013	BONE SPRING 2ND, OH	14,005.0	10,325.3	14,007.0	10,325.4			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/26/2013	BONE SPRING 2ND, OH	14,075.0	10,327.9	14,077.0	10,328.0			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/26/2013	BONE SPRING 2ND, OH	14,145.0	10,330.2	14,147.0	10,330.2			3 1/8	SHAPED	23.0	6.0	60	WIRELINE		
8/23/2013	BONE SPRING 2ND, OH	14,215.0	10,331.9	14,217.0	10,332.0			3 1/8	SHAPED		6.0	60	WIRELINE		
8/23/2013	BONE SPRING 2ND, OH	14,285.0	10,333.3	14,287.0	10,333.4			3 1/8	SHAPED		6.0	60	WIRELINE		
9/5/2013	BONE SPRING 2ND, OH	14,355.0	10,334.2	14,357.0	10,334.2			3 1/8	SHAPED		6.0	60	WIRELINE		
9/5/2013	BONE SPRING 2ND, OH	14,425.0	10,334.7	14,427.0	10,334.7			3 1/8	SHAPED		6.0	60	WIRELINE		