

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other: _____

HOBBS OCD

OCT 31 2013

2. Name of Operator
Devon Energy Production Company, L.P.3. Address 333 W. Sheridan Avenue
Oklahoma City, Oklahoma 731023a. Phone No. (include area code)
405-228-4248

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 330' FSL & 330' FEL, Unit P, Sec 13, T26S-R34E

At top prod. interval reported below

At total depth 1042' FNL & 431' FEL, Unit A, Sec 12, T26S-R34E

14. Date Spudded
02/19/201315. Date T.D. Reached
04/03/201316. Date Completed
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
3232.2' GL18. Total Depth: MD 18017'
TVD 8961'19. Plug Back T.D.: MD 17975
TVD20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Dual spaced Neutron-Spectral Density, Array Induction, 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 of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	48#	0	1141		1150 sx CI C		0	
12 1/4"	9 5/8"	40#	0	5214		1800 sx CI C		0	
8 3/4"	5 1/2"	17#	0	17993	Stage 1	1846 sx CI H		0	
					Stage 2	235 sx CI C			
					cmt squeeze	500 sx CI C		1220'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	9165'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	9148'	17849'	9148 - 17849		1000	open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
9148 - 17849 (20 stages)	80K gals 15% HCL, 2648K gals slick wtr, 1797K # 100 mesh sand, 1073K # 20/40 white sand, 4064K # 30/50 white sand

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
7/8/13	8/24/13	24	→	1055	940	2127			RECLAMATION pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	240 psi	500 psi	→				890.99526	producing	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 26 2013
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						BUREAU OF LAND MANAGEMENT WALSAP FIELD OFFICE

*(See instructions and spaces for additional data on page 2)

NOV 12 2013

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 Salado	1085' 1273'
				Top of Salt Base of Salt	1348' 5068'
				Delaware Bell Canyon	5348' 5397'
				Cherry Canyon Brush Canyon	6390' 7750'

32. Additional remarks (include plugging procedure):

Bradenhead squeeze was done to raise top of cement for 5-1/2" casing with lead cement 250 sx and tail cement 250 sx. Displaced with 139 bbls FW. TOC is @ 1220'.

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 RiechersTitle Regulatory SpecialistSignature Patti RiechersDate 09/25/2013

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.



RATTLESNAKE 13-12 FED COM 1H

CD

WEST UNRESTRICTED

OCT 31 2013

Perforation Summary

District	County	Field Name	Project Group		State/Province								
PERMIAN BASIN		LEA	RATTLESNAKE (NM)		DELAWARE BASIN		RECEIVE M						
Surface Legal Location		AP/UVVI	Latitude (°)	Longitude (°)	Ground Elev MSL (ft)	KB - Ground Level (ft)	Orig KB Elevation (ft)	Rubing Head Elevation (ft)					
SEC13 T26S R34E		3002540912	32° 2' 13.189" N	103° 24' 58.276" W	3,232.20	25.00	3,257.20						
Date	Zone	Top (ftKB)	Top (TVD) (ftKB)	Btm (ftKB)	Btm (TVD) (ftKB)	Current Status	Carrier Des	Gun Size (in)	Charge Type	Chg Sz	Shot Dens (shots/ft)	Phasing (°)	Conveyance Method
5/20/2013	DELAWARE, ST01												
5/15/2013	DELAWARE, ST01	9,148.0	8,991.4	9,150.0	8,992.1			3 1/8			3.0		WIRELINE
5/15/2013	DELAWARE, ST01	9,216.0	9,011.9	9,218.0	9,012.4			3 1/8			4.0		WIRELINE
5/15/2013	DELAWARE, ST01	9,284.0	9,028.1	9,286.0	9,028.5			3 1/8			4.0		WIRELINE
5/15/2013	DELAWARE, ST01	9,352.0	9,038.7	9,354.0	9,039.0			3 1/8			4.0		WIRELINE
5/15/2013	DELAWARE, ST01	9,420.0	9,042.0	9,422.0	9,042.0			3 1/8			4.0		WIRELINE
5/15/2013	DELAWARE, ST01	9,488.0	9,040.6	9,490.0	9,040.5			3 1/8			5.0		WIRELINE
5/15/2013	DELAWARE, ST01	9,588.0	9,038.5	9,590.0	9,038.5			3 1/8			3.0		WIRELINE
5/15/2013	DELAWARE, ST01	9,656.0	9,039.6	9,658.0	9,039.6			3 1/8			4.0		WIRELINE
5/15/2013	DELAWARE, ST01	9,724.0	9,041.2	9,726.0	9,041.2			3 1/8			4.0		WIRELINE
5/15/2013	DELAWARE, ST01	9,792.0	9,042.4	9,794.0	9,042.4			3 1/8			4.0		WIRELINE
5/15/2013	DELAWARE, ST01	9,860.0	9,042.7	9,862.0	9,042.7			3 1/8			4.0		WIRELINE
5/15/2013	DELAWARE, ST01	9,928.0	9,041.9	9,930.0	9,041.8			3 1/8			5.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,028.0	9,038.3	10,030.0	9,038.3			3 1/8			3.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,096.0	9,036.2	10,098.0	9,036.1			3 1/8			4.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,164.0	9,034.2	10,166.0	9,034.2			3 1/8			4.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,232.0	9,032.7	10,234.0	9,032.6			3 1/8			4.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,300.0	9,032.4	10,302.0	9,032.4			3 1/8			4.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,368.0	9,032.3	10,370.0	9,032.3			3 1/8			5.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,468.0	9,030.8	10,470.0	9,030.7			3 1/8			3.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,536.0	9,029.4	10,538.0	9,029.3			3 1/8			4.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,604.0	9,028.7	10,606.0	9,028.7			3 1/8			4.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,672.0	9,027.9	10,674.0	9,027.9			3 1/8			4.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,740.0	9,028.5	10,742.0	9,028.5			3 1/8			4.0		WIRELINE
5/14/2013	DELAWARE, ST01	10,808.0	9,030.7	10,810.0	9,030.8			3 1/8			4.0		WIRELINE
5/13/2013	DELAWARE, ST01	10,908.0	9,034.4	10,910.0	9,034.4			3 1/8			3.0		WIRELINE
5/13/2013	DELAWARE, ST01	10,976.0	9,035.4	10,978.0	9,035.4			3 1/8			4.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,044.0	9,036.2	11,046.0	9,036.2			3 1/8			4.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,112.0	9,037.1	11,114.0	9,037.1			3 1/8			4.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,180.0	9,038.2	11,182.0	9,038.2			3 1/8			4.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,248.0	9,039.3	11,250.0	9,039.3			3 1/8			5.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,348.0	9,042.4	11,350.0	9,042.5			3 1/8			3.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,416.0	9,043.6	11,418.0	9,043.6			3 1/8			4.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,484.0	9,042.6	11,486.0	9,042.5			3 1/8			4.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,552.0	9,039.5	11,554.0	9,039.4			3 1/8			4.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,620.0	9,035.6	11,622.0	9,035.5			3 1/8			4.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,688.0	9,030.3	11,690.0	9,030.1			3 1/8			5.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,788.0	9,020.0	11,790.0	9,019.7			3 1/8			3.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,856.0	9,013.6	11,858.0	9,013.4			3 1/8			4.0		WIRELINE
5/13/2013	DELAWARE, ST01	11,924.0	9,009.0	11,926.0	9,008.8			3 1/8			4.0		WIRELINE



Perforation Summary

District		County		Field Name		Project Group		State/Province							
PERMIAN BASIN		LEA		RATTLESNAKE (NM)		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)	
SEC13 T26S R34E		3002540912		32° 2' 13.189" N		103° 24' 58.276" W		3,232.20		25.00		3,257.20			
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		
5/13/2013	DELAWARE, ST01	11,992.0	9,004.6	11,994.0	9,004.5			3 1/8			4.0		WIREFINE		
5/13/2013	DELAWARE, ST01	12,060.0	9,000.6	12,062.0	9,000.5			3 1/8			4.0		WIREFINE		
5/13/2013	DELAWARE, ST01	12,128.0	8,996.8	12,130.0	8,996.7			3 1/8			5.0		WIREFINE		
5/13/2013	DELAWARE, ST01	12,228.0	8,992.0	12,230.0	8,991.9			3 1/8			3.0		WIREFINE		
5/13/2013	DELAWARE, ST01	12,296.0	8,989.7	12,298.0	8,989.6			3 1/8			4.0		WIREFINE		
5/13/2013	DELAWARE, ST01	12,364.0	8,986.9	12,366.0	8,986.8			3 1/8			4.0		WIREFINE		
5/13/2013	DELAWARE, ST01	12,432.0	8,983.8	12,434.0	8,983.7			3 1/8			4.0		WIREFINE		
5/13/2013	DELAWARE, ST01	12,500.0	8,980.4	12,502.0	8,980.3			3 1/8			4.0		WIREFINE		
5/13/2013	DELAWARE, ST01	12,568.0	8,976.4	12,570.0	8,976.3			3 1/8			5.0		WIREFINE		
5/11/2013	DELAWARE, ST01	12,668.0	8,970.2	12,670.0	8,970.1			3 1/8			3.0		WIREFINE		
5/11/2013	DELAWARE, ST01	12,736.0	8,966.3	12,738.0	8,966.1			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	12,804.0	8,962.5	12,806.0	8,962.4			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	12,872.0	8,958.9	12,874.0	8,958.8			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	12,940.0	8,955.6	12,942.0	8,955.5			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,008.0	8,952.7	13,010.0	8,952.6			3 1/8			5.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,108.0	8,948.0	13,110.0	8,947.9			3 1/8			3.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,176.0	8,944.3	13,178.0	8,944.2			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,244.0	8,940.2	13,246.0	8,940.0			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,312.0	8,936.1	13,314.0	8,936.0			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,380.0	8,933.2	13,382.0	8,933.1			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,448.0	8,932.4	13,450.0	8,932.4			3 1/8			5.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,548.0	8,932.5	13,550.0	8,932.5			3 1/8			3.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,615.0	8,932.7	13,617.0	8,932.7			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,683.0	8,933.2	13,685.0	8,933.2			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,751.0	8,934.1	13,753.0	8,934.2			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,819.0	8,935.2	13,821.0	8,935.2			3 1/8			4.0		WIREFINE		
5/11/2013	DELAWARE, ST01	13,887.0	8,934.4	13,889.0	8,934.4			3 1/8			5.0		WIREFINE		
5/10/2013	DELAWARE, ST01	13,987.0	8,931.2	13,989.0	8,931.1			3 1/8			3.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,055.0	8,929.1	14,057.0	8,929.1			3 1/8			4.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,123.0	8,927.6	14,125.0	8,927.6			3 1/8			4.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,191.0	8,926.0	14,193.0	8,925.9			3 1/8			4.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,259.0	8,924.9	14,261.0	8,924.9			3 1/8			4.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,327.0	8,924.4	14,329.0	8,924.4			3 1/8			5.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,427.0	8,923.5	14,429.0	8,923.5			3 1/8			3.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,495.0	8,922.1	14,497.0	8,922.1			3 1/8			4.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,563.0	8,920.6	14,565.0	8,920.5			3 1/8			4.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,631.0	8,918.6	14,633.0	8,918.5			3 1/8			4.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,699.0	8,916.2	14,701.0	8,916.2			3 1/8			4.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,767.0	8,914.2	14,769.0	8,914.1			3 1/8			5.0		WIREFINE		
5/10/2013	DELAWARE, ST01	14,867.0	8,912.9	14,869.0	8,912.9			3 1/8			3.0		WIREFINE		



RATTLESNAKE 13-12 FED COM 1H

WEST UNRESTRICTED

Perforation Summary

District PERMIAN BASIN		County LEA		Field Name RATTLESNAKE (NM)		Project Group DELAWARE BASIN			State/Province NM				
Surface Legal Location SEC13 T26S R34E		API/UWI 3002540912		Latitude (°) 32° 2' 13.189" N		Longitude (°) 103° 24' 58.276" W		Ground Elev MSL (ft) 3,232.20	KB - Ground Level (ft) 25.00	Orig KB Elevation (ft) 3,257.20		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
5/10/2013	DELAWARE, ST01	14,935.0	8,913.3	14,937.0	8,913.3			3 1/8			4.0		WIRELINE
5/10/2013	DELAWARE, ST01	15,003.0	8,913.6	15,005.0	8,913.6			3 1/8			4.0		WIRELINE
5/10/2013	DELAWARE, ST01	15,071.0	8,913.8	15,073.0	8,913.9			3 1/8			4.0		WIRELINE
5/10/2013	DELAWARE, ST01	15,139.0	8,915.4	15,141.0	8,915.5			3 1/8			4.0		WIRELINE
5/10/2013	DELAWARE, ST01	15,207.0	8,917.3	15,209.0	8,917.3			3 1/8			5.0		WIRELINE
5/9/2013	DELAWARE, ST01	15,307.0	8,920.2	15,309.0	8,920.2			3 1/8			3.0		WIRELINE
5/9/2013	DELAWARE, ST01	15,375.0	8,921.9	15,377.0	8,922.0			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	15,443.0	8,923.3	15,445.0	8,923.3			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	15,511.0	8,924.1	15,513.0	8,924.1			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	15,579.0	8,925.5	15,581.0	8,925.6			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	15,647.0	8,927.6	15,649.0	8,927.7			3 1/8			5.0		WIRELINE
5/9/2013	DELAWARE, ST01	15,747.0	8,930.7	15,749.0	8,930.8			3 1/8			3.0		WIRELINE
5/9/2013	DELAWARE, ST01	15,815.0	8,932.5	15,817.0	8,932.6			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	15,883.0	8,934.0	15,885.0	8,934.1			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	15,951.0	8,935.8	15,953.0	8,935.9			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	16,019.0	8,938.0	16,021.0	8,938.0			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	16,087.0	8,939.9	16,089.0	8,940.0			3 1/8			5.0		WIRELINE
5/9/2013	DELAWARE, ST01	16,187.0	8,942.3	16,189.0	8,942.3			3 1/8			3.0		WIRELINE
5/9/2013	DELAWARE, ST01	16,255.0	8,943.5	16,257.0	8,943.5			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	16,323.0	8,945.2	16,325.0	8,945.2			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	16,391.0	8,947.4	16,393.0	8,947.5			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	16,459.0	8,949.5	16,461.0	8,949.6			3 1/8			4.0		WIRELINE
5/9/2013	DELAWARE, ST01	16,527.0	8,951.3	16,529.0	8,951.4			3 1/8			5.0		WIRELINE
5/8/2013	DELAWARE, ST01	16,627.0	8,953.4	16,629.0	8,953.5			3 1/8			3.0		WIRELINE
5/8/2013	DELAWARE, ST01	16,695.0	8,954.1	16,697.0	8,954.1			3 1/8			4.0		WIRELINE
5/8/2013	DELAWARE, ST01	16,763.0	8,953.8	16,765.0	8,953.8			3 1/8			4.0		WIRELINE
5/8/2013	DELAWARE, ST01	16,831.0	8,953.3	16,833.0	8,953.3			3 1/8			4.0		WIRELINE
5/8/2013	DELAWARE, ST01	16,899.0	8,953.4	16,901.0	8,953.4			3 1/8			4.0		WIRELINE
5/8/2013	DELAWARE, ST01	16,967.0	8,954.5	16,969.0	8,954.6			3 1/8			5.0		WIRELINE
5/8/2013	DELAWARE, ST01	17,067.0	8,958.8	17,069.0	8,958.9			3 1/8			3.0		WIRELINE
5/8/2013	DELAWARE, ST01	17,135.0	8,963.4	17,137.0	8,963.5			3 1/8			4.0		WIRELINE
5/8/2013	DELAWARE, ST01	17,203.0	8,968.0	17,205.0	8,968.1			3 1/8			4.0		WIRELINE
5/8/2013	DELAWARE, ST01	17,271.0	8,971.0	17,273.0	8,971.0			3 1/8			4.0		WIRELINE
5/8/2013	DELAWARE, ST01	17,339.0	8,972.2	17,341.0	8,972.2			3 1/8			4.0		WIRELINE
5/8/2013	DELAWARE, ST01	17,407.0	8,972.1	17,409.0	8,972.0			3 1/8			5.0		WIRELINE
5/4/2013	DELAWARE, ST01	17,507.0	8,970.5	17,509.0	8,970.4			3 1/8			3.0		WIRELINE
5/4/2013	DELAWARE, ST01	17,575.0	8,968.3	17,577.0	8,968.2			3 1/8			4.0		WIRELINE
5/4/2013	DELAWARE, ST01	17,643.0	8,966.0	17,645.0	8,965.9			3 1/8			4.0		WIRELINE
5/4/2013	DELAWARE, ST01	17,711.0	8,964.0	17,713.0	8,964.0			3 1/8			4.0		WIRELINE
5/4/2013	DELAWARE, ST01	17,779.0	8,962.5	17,781.0	8,962.5			3 1/8			4.0		WIRELINE

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Perforation Summary

District PERMIAN BASIN			County LEA			Field Name RATTLESNAKE (NM)			Project Group DELAWARE BASIN			State/Province NM				
Surface Legal Location SEC13 T26S R34E			API/UWI 3002540912		Latitude (°) 32° 2' 13.189" N		Longitude (°) 103° 24' 58.276" W		Ground Elev MSL (ft) 3,232.20		KB - Ground Level (ft) 25.00		Orig KB Elevation (ft) 3,257.20		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		
5/4/2013	DELAWARE, ST01		17,847.0	8,961.2	17,849.0	8,961.2			3 1/8			5.0		WIRELINE		