

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

DEC 09 2013

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Case No.
NMNM117557

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.,		7. Unit or CA Agreement Name and No.	
Other:			
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, L.P.		8. Lease Name and Well No. CAPROCK 27 STATE FED COM 1H	
3. Address Attn: DAVID H. COOK, 333 W. SHERIDAN AVE., OKLAHOMA CITY, OKLAHOMA 73102-5010		9. AFI Well No. 30-025-41148	
3a. Phone No. (include area code) (405) 552-7848			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface UNIT N, 420 FSL & 1980 FWL PP: 420 FSL & 1980 FWL At top prod. interval reported below 290 194 At total depth UNIT C, 345 FNL & 2088 FWL		10. Field and Pool or Exploratory AIRSTRIP; BONE SPRING 11. Sec., T., R., M., on Block and Survey or Area 27-18S-34E 12. County or Parish LEA 13. State NM 17. Elevations (DF, RKB, RT, GL)* 4008.4' GL	
14. Date Spudded 06/19/2013		15. Date T.D. Reached 07/30/2013	
16. Date Completed 09/20/2013 ☐ D & A ☒ Ready to Prod.			
18. Total Depth: MD 14,474' TVD		19. Plug Back T.D.: MD 14,424' TVD	
20. Depth Bridge Plug Set: MD TVD			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) See Additional Remarks		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 Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8, J-55	54.5#	0	1,869'		2,500sx		Surface	
12-1/4"	9-5/8, 40#		0	5,300'		1,610sx		Surface	
	HCK-55								
8-3/4"	8-3/4, 5 1/2 17#		0	14,474'	DVT @ 6,003'	2,765sx		CBL @ 3,900'	
	HCP-110								

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"	9,754'								

25. Producing Intervals							
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status	
A) AIRSTRIP; BONE SPRING	10,384'	14,399'	10,384' - 14,399'	0.42"	400	Open	
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, etc.		Amount and Type of Material
Depth Interval		
10,384' - 14,399'		Frac 10 Stages w/ total: 1,003,055# 40/70 WS, 49,741 gallons 15% HCL, 311,696# 20/70 SLC, 56,377# 100 Mesh, 2,441,008 bbls SW (See attached detailed summary)

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
9/20/13	9/30/13	24	→	190	82	473			Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	300		→	190	82	473			

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	
			→						

RECLAMATION
DUE 3.20.14

ACCEPTED FOR RECORD
OCT 26 2013
BUREAU OF LAND MANAGEMENT
HOBBS FIELD OFFICE

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

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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):	31. Formation (Log) Markers
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.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				RUSTLER	1,882'
				SALADO	2,083'
				BASE OF SALT	3,179'
				DELAWARE	6,916'
				BONE SPRING	7,856'

32. Additional remarks (include plugging procedure):

Type Electric & Other Mechanical Logs Run:
 Dual Laterolog Micro - Guard
 Dual Spaced Neutron Spectral Density
 Six Arm Caliper Borehole Volume Plot
 CBL

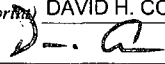
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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) DAVID H. COOK

Title REGULATORY SPECIALIST

Signature 

Date 10/23/2013

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)



Stimulations Summary

District PERMIAN BASIN		County LEA		Field Name CORBIN		Project Group DELAWARE BASIN		State/Province NM													
Surface Legal Location SEC27 T18S R34E		API/UWI 3002541148		Latitude (") 32° 42' 45.43" N		Longitude (") 103° 33' 1.09" W		Ground Elev... 4,008.40		KB - GL (ft) 18.00		Orig KB Elev (ft) 4,026.40		Tubing Head Elevation (ft)							
SLICKWATER FRAC , 8/20/2013 02:28 , BONE SPRING, ST01 , 14,063.0 ftKB - 14,399.0 ftKB, Baker Hughes , 0.10# 100 Mesh, Prop_2.64 unknown																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
132,225.0		5884.90				0.0				4,219.0		7,363.0				7,948.0		80		1.60	
SLICKWATER FRAC , 8/20/2013 11:53 , BONE SPRING, ST01 , 13,644.0 ftKB - 13,981.0 ftKB, Baker Hughes , 0.10# 100 Mesh, Prop_2.64 unknown																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
132,225.0		5805.26				0.0				4,530.0		7,809.0				7,920.0		79		1.69	
SLICKWATER FRAC , 8/20/2013 17:01 , BONE SPRING, ST01 , 13,226.0 ftKB - 13,563.0 ftKB, Baker Hughes , 0.10# 100 Mesh, Prop_2.64 unknown																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
132,225.0		5768.84				0.0				4,302.0		7,547.0				7,854.0		80		1.64	
SLICKWATER FRAC , 8/21/2013 01:09 , BONE SPRING, ST01 , 12,808.0 ftKB - 13,145.0 ftKB, Baker Hughes , 0.10# 100 Mesh, Prop_2.64 unknown																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
132,225.0		5805.48				0.0				4,205.0		6,183.0				6,957.0		80		1.64	
SLICKWATER FRAC , 8/21/2013 05:39 , BONE SPRING, ST01 , 12,390.0 ftKB - 12,727.0 ftKB, Baker Hughes , 0.10# 100 Mesh, Prop_2.64 unknown																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
132,225.0		5746.38				0.0				3,969.0		6,016.0				6,875.0		80		1.59	
SLICKWATER FRAC , 8/21/2013 09:42 , BONE SPRING, ST01 , 11,972.0 ftKB - 12,309.0 ftKB, Baker Hughes , 0.10# 100 Mesh, Prop_2.64 unknown																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
132,225.0		5781.71				0.0				3,992.0		5,649.0				5,894.0		80		1.64	
SLICKWATER FRAC , 8/21/2013 13:05 , BONE SPRING, ST01 , 11,550.0 ftKB - 11,891.0 ftKB, Baker Hughes , 0.10# 100 Mesh, Prop_2.64 unknown																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
132,225.0		5748.62				0.0				4,014.0		5,968.0				6,682.0		80		1.61	
SLICKWATER FRAC , 8/22/2013 03:19 , BONE SPRING, ST01 , 11,136.0 ftKB - 11,473.0 ftKB, Baker Hughes , 0.10# 100 Mesh, Prop_2.64 unknown																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
132,225.0		5723.21				0.0				3,995.0		5,257.0				6,300.0		80		1.62	
SLICKWATER FRAC , 8/22/2013 06:47 , BONE SPRING, ST01 , 10,718.0 ftKB - 11,055.0 ftKB, Baker Hughes , 0.10# 100 Mesh, Prop_2.64 unknown																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
132,225.0		5733.15				0.0				5,257.0		5,257.0				5,642.0		80		1.70	
SLICKWATER FRAC , 8/22/2013 10:30 , BONE SPRING, ST01 , 10,384.0 ftKB - 10,636.0 ftKB, Baker Hughes , 0.10# 100 Mesh, Prop_2.64 unknown																					
Proppant De...		Total Clean Volu...		Pre Trt S/I Prs (psi)		Pst Trt S/I Prs (psi)		P Break (psi)		ISIP (psi)		Avg Treat Pressur...		Q Treat Avg (bbl/...		P Max (psi)		Q Treat Max (bbl/...		Conc Max...	
132,225.0		5833.85				0.0				4,122.0		5,653.0				5,951.0		80		1.67	