

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM 0557729

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
DEVON ENERGY PRODUCTION COMPANY, L.P.

8. Lease Name and Well No.
RIGEL 20 FEDERAL COM 3H

3. Address Attn: DAVID H. COOK,
333 W. SHERIDAN AVE., OKLAHOMA CITY, OKLAHOMA 73102-5010

3a. Phone No. (include area code)
(405) 552-7848

9. AFI Well No.
30-015-39725

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

At surface UNIT L, 1800 FSL & 330 FWL

 At top prod. interval reported below

 At total depth UNIT I, 1698 FSL & 334 FEL PP: 1856 FSL & 424 FWL

10. Field and Pool or Exploratory
HACKBERRY; BONE SPRING, NW

11. Sec., T., R., M., on Block and Survey or Area
20-19S-31E

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
02/05/2012

15. Date T.D. Reached
03/01/2012

16. Date Completed 06/12/2012
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3,406' GL

18. Total Depth: MD 13,305'
TVD

19. Plug Back T.D.: MD 13,259'
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
SEE ADDITIONAL REMARKS ON BACK

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8, H-40	48#	0	481'		595sx		Surface	
12-1/4"	9-5/8, K-55	40#	0	3,550'		1,600sx		Surface	
8-3/4"	5-1/2, P-110	17#	0	13,305'	4,998'	2,230sx		CBL @ 1,864'	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	8,626'							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Hackberry; Bone Spring, NW	9,050'	13,234'	9,050' - 13,234'	0.42"	228	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.	
Depth Interval	Amount and Type of Material
9,050' - 13,234'	Frac 7 Stages w/ total: 1,323,849# 20/40 White Sand, 43,998# 100# mesh White Sand, 10,980 gallons 7.5% HCL, 372,313# SCL & flush w/1,787 bbls Slick Water (See attached detailed summary)

RECLAMATION
DUE 12-12-12

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
6/12/12	6/12/12	24	→	789	597	537			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
	SI 580		→	789	597	537	0.76		

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	
	SI		→						

PRODUCING
ACCEPTED FOR RECORD
NOV 24 2012
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

*(See instructions and spaces for additional data on page 2)
 Accepted for record
 NMOCD
 12/5/12

4m

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	408'	526'		RUSTLER	408'
SALT	526'	1,929'		SALT	526'
TANSIL	1,929'	4,399'		TANSIL	1,929'
DELAWARE	4,399'	6,574'	OIL & SALT WATER	DELAWARE	4,399'
BONE SPRING Lm	6,574'	8,148'	OIL & SALT WATER	BONE SPRING Lm	6,574'
2nd BONE SPRING Lm	8,148'	8,698'	OIL & SALT WATER	2nd BONE SPRING Lm	8,148'
2nd BONE SPRING Sd 3rd BONE SPRING Lm	8,698' 9,104'	9,104' TD	OIL & SALT WATER OIL & SALT WATER	2nd BONE SPRING Sd 3rd BONE SPRING Lm	8,698' 9,104'

32. Additional remarks (include plugging procedure):

Type Electric and Other Logs Run:

- Cement Bond Log
- Borehole Volume Plot
- Spectral Gamma Dual Spaced Neutron Spectral Density
- Dual Laterolog Micro-Guard

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 *D. H. Cook*

Date 10/30/2012

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.