

MAY 25 2017

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

OCD Hobbs

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well (Oil Well checked), 2. Name of Operator (DEVON ENERGY PROD CO., L.P.), 3a. Address (333 WEST SHERIDAN AVE...), 3b. Phone No. (405-552-6558), 4. Location of Well (Sec 20 T24S R32E Mer NMP NENE 250FNL 870FEL), 5. Lease Serial No. (NMNM116575), 8. Well Name and No. (REBEL 20 FED 8H), 9. API Well No. (30-025-43159), 10. Field and Pool or Exploratory Area (COTTON DRAW;BONE SPRG, E), 11. County or Parish, State (LEA COUNTY, NM)

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

Table with columns TYPE OF SUBMISSION and TYPE OF ACTION. Includes checkboxes for Notice of Intent, Acidize, Deepen, Production (Start/Resume), Water Shut-Off, etc.

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Devon Energy Production Co., LP respectfully requests to change the casing grade from HCL-55 to J-55. The design safety factors are attached.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #375516 verified by the BLM Well Information System For DEVON ENERGY PROD CO., L.P., sent to the Hobbs Committed to AFMSS for processing by DEBORAH MCKINNEY on 05/10/2017 () Name (Printed/Typed) LINDA GOOD Title REGULATORY SPECIALIST Signature (Electronic Submission) Date 05/09/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By Mustafa Hague Title PETROLEUM ENGINEER Date 5/18/2017 Office BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE

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.

(Instructions on page 2)

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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2. Casing Program

Hole Size	Casing Interval		Csg. Size	Weight (lbs)	Grade	Conn .	SF Collapse	SF Burst	SF Tension
	From	To							
17.5"	0	975'	13.375"	48	H-40	STC	1.67	3.21	2.29
12.25"	0	4,600'	9.625"	40	J-55	BTC	1.15	1.56	2.45
8.75"	0	12,863'	5.5"	17	P-110	BTC	1.94	1.25	2.45
BLM Minimum Safety Factor							1.125	1.00	1.6 Dry 1.8 Wet

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

Must have table for contingency casing

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3 rd string cement tied back 500' into previous casing?	
Is well located in R-111-P and SOPA?	N
If yes, are the first three strings cemented to surface?	
Is 2 nd string set 100' to 600' below the base of salt?	
Is well located in high Cave/Karst?	N
If yes, are there two strings cemented to surface?	
(For 2 string wells) If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	

**PECOS DISTRICT
CONDITIONS OF APPROVAL**

OPERATOR'S NAME:	Devon Energy Production Company, L.P.
LEASE NO.:	NMNM-116575
WELL NAME & NO.:	Rebel 20 Fed 8H
SURFACE HOLE FOOTAGE:	0250' FNL & 0870' FEL
BOTTOM HOLE FOOTAGE	0330' FSL & 0660' FEL
LOCATION:	Section 20, T. 24 S., R 32 E., NMPM
COUNTY:	Lea County, New Mexico

A. CASING

All previous COAs still apply except the following:

Intermediate casing shall be kept fluid filled while running into hole to meet BLM minimum collapse requirements.

MHH 05182017