Form 3160-5
(June 2015)

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.

HOBBS OCD
JAN 09 2017
RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMNM 82067

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
BOUNDARY RAIDER 7 FED 214H

2. Name of Operator
DEVON ENERGY PRODUCTION COMPAN

Contact: CHANCE BLAND
EMAIL: chance.bland@dvn.com

9. API Well No.
30-025-44292-00-X1

3a. Address
333 WEST SHERIDAN AVENUE
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)
Ph: 405-693-9277

10. Field and Pool or Exploratory Area
SAND DUNES

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 7 T23S R32E NENE 100FNL 900FEL
32.326000 N Lat, 103.708145 W Lon

11. County or Parish, State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☒ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Devon Energy is respectfully informing you that this sundry is being submitted to change the set depth of our 9 5/8? casing to 6,000?. The initial APD, which had casing set at 4,507?, is not deep enough to cover potential water flows. Based on offset wells we anticipate water flows in this area and would like to set casing deep enough to reduce the risk of this hazard.

- All previous COAs still apply. Additional COA is not required.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #398842 verified by the BLM Well Information System
For DEVON ENERGY PRODUCTION COMPAN, sent to the Hobbs
Committed to AFMSS for processing by MUSTAFA HAQUE on 01/04/2018 (18MH0038SE)

Name *(Printed/Typed)* CHANCE BLAND — Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) — Date 12/21/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By MUSTAFA HAQUE — Title PETROLEUM ENGINEER — Date 01/04/2018

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. — Office Hobbs

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)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Devon Energy, Boundary Raider 7 Fed Com 214H

This sundry is being submitted to change the set depth of our 9 5/8" casing to 6,000'. The initial APD, which had casing set at 4,507', is not deep enough to cover potential water flows. Based on offset wells we anticipate water flows in this area and would like to set casing deep enough to reduce the risk of this hazard.

1. Geologic Formations

TVD of target	10,653	Pilot hole depth	N/A
MD at TD:	15,317	Deepest expected fresh water:	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/ Target Zone?	Hazards*
Rustler	931		
Salado	1313		
Base of Salt	4595		
Delaware	4607		
Bell Canyon	4653		
Cherry Canyon	5539		
Brushy Canyon	6843		
1st Bone Spring Lime	88497		
1st Bone Spring Sandstone	9662		
2nd Bone Spring Lime	9893		
2nd Bone Spring Sandstone	10248		
3rd Bone Spring Sand	10715		

*H2S, water flows, loss of circulation, abnormal pressures, etc.

2. Casing Program

Hole Size	Casing Interval From	Casing Interval To	Csg. Size	Weight (lbs)	Grade	Conn.	SF Collapse	SF Burst	SF Tension
17.5"	0	996	13.375"	48	H40	BTC	1.4	3.15	14.27
12.25"	0	4450	9.625"	40	J55	BTC	1.15	1.77	4.1
12.25"	~~0~~ 4450	6000	9.625	40	P110	BTC	1.1	1.125	3.8
8.75"	0	15317	5.5"	17	P110	BTC	1.45	2.07	2.48
				BLM Minimum Safety Factor			1.125	1	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

3. Cementing Program

Casing	# Sks	Wt. lb/ gal	Yld ft3/ sack	Slurry Description
Surf.	749	14.8	1.33	Lead: Class C Cement + 0.125 lbs/sack Poly-F-Flake
Inter.	2865	10.3	3.625	Lead: Tuned Light Slurry
	210	14.8	1.33	Tail: Class C Cement + 0.125 lbs/sack Poly-F-Flake
Prod.	443	9	3.27	Lead: Tuned Light Cement
	2341	14.5	1.2	Tail: (50:50) Clas H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.4% bwoc CFR-3 + 0.2% BWOC HR-601 + 2% bwoc Bentonite

Casing String	TOC	% Excess
13-3/8" Surface	0'	50%
9-5/8" Intermediate	0'	30%
5-1/2" Production	5800'	25%

5. Mud Program

Depth		Type	Weight (ppg)	Viscosity	Water Loss
From	To				
0	996	FW Gel	8.6-8.8	28-34	N/C
996	6,000	Saturated Brine	10.0-11.0	28-34	N/C
6,000	20191	Cut Brine	8.5-9.3	28-34	N/C

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring

6. Logging and Testing Procedures

Logging, Coring and Testing.	
X	Will run GR/CNL from TD to surface (horizontal well – vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No Logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain
	Coring? If yes, explain

Additional logs planned		Interval
	Resistivity	Int. shoe to KOP
	Density	Int. shoe to KOP
X	CBL	Production casing
X	Mud log	KOP to TD
	PEX	