

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

HOBBS OGD

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010**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.*

MAR 16 2015

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

RECEIVED

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM94186
2. Name of Operator DEVON ENERGY PRODUCTION CO LP		6. If Indian, Allottee or Tribe Name
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102		7. If Unit or CA/Agreement, Name and/or No. NMNM88526X
3b. Phone No. (include area code) Ph: 405-228-7203		8. Well Name and No. THISTLE UNIT 51H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T23S R33E NWNW 200FNL 430FWL 32.282404 N Lat, 103.584421 W Lon		9. API Well No. 30-025-41896-00-X1
		10. Field and Pool, or Exploratory JOHNSON RANCH
		11. County or Parish, and State LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 Production Company, L.P. respectfully requests to change the production casing string from a 5.5" string to a 7" x 5.5" string.

Please see attachment for design factors

Thank you

*already drilled*

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #264455 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs Committed to AFMSS for processing by LINDA JIMENEZ on 11/05/2014 (15LJ0243SE)	
Name (Printed/Typed) TRINA C COUCH	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 09/18/2014
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By	Title
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
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.	

ACCEPTED FOR RECORD  
MAR 16 2015  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

MAR 17 2

Garrett Glaze

Casing Sundry

9/10/2014

Devon Energy respectfully requests to change the production casing string from a 5.5" string to a 7" x 5.5" string with the following design factors.

												Minimum Requirements		
Casing (For Calculations)	Lb/Ft	Setting Depth (MD)	Setting Depth (TVD)	String Length	Max Mud Wt	Casing Properties			Design Factors			Collapse	Burst	Tension
						Collapse	Burst	Yield Strength	Collapse	Burst	Tension	1.125	1	1.6
13-3/8", 48#, H-40, STC	48	1400	1400	1,400	8.8	770	1,730	541,000	1.20	2.70	8.05	721	641	107,520
9-5/8", 40#, HCK-55, BTC	40	5150	5150	5,150	10	4,230	3,950	926,000	1.58	1.47	4.50	3,013	2,678	329,600
7", 29#, HCP-110, BTC	29	10538	10538	10,538	9.2	9,200	11,220	955,000	1.82	2.23	3.12	5,672	5,041	488,963
5-1/2", 17#, HCP-110, BTC	17	15654	11190	15,654	9.2	8,580	10,640	568,000	1.60	1.99	2.99	6,022	5,353	304,368