BUREAU OF LAND MANAGEMENT HOBBS OCD 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 proposalsUN 1 5 2015 5. Lease Serial No. NMNM100569 SUBMIT IN TRIPLICATE - Other instructions on reverse side. 6. If Indian, Allottee or Tribe Name 1. Type of Well Gas Well Other 2. Name of Operator Contact: DAVID H COOK DEVON ENERGY PRODUCTION CO EFMail: david.cook@dvn.com 9. API Well No. 30-025-42415-00-X1	form 3160-5 August 2007)	DE	UNITED STATES			t ¹ -	- OMB I	4 APPROVED NO. 1004-0135			
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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 despen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond work will be performed or provide the Bond No. on file with BLMBIA. Required subsurface duration in a new interval, a Form 3160 4 shall be filed with an equirements, including reclamation, have been completed. and the operator has following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160 4 shall be filed with an one determined that the site is ready for final impection. Devon Energy Production Co., L.P. respectfully requests approval to change the approved pilot hole from 12,900 to 13,200. Please see the attached revised Drilling Plan. Will Need additional complet. The provide addition of the period shall be filed with the proposal state and correct. Electronic Submission #303588 verified by the BLM Well information System For DEVON ENERGY PRODUCTION CO LP, sent to the hobbs Committed to AFMSS for processing by JENNHEEZ 2006/03/2515 (15JAS00575E) Name (Printed/Typed) DAVID H COOK Title REGULATORY SPECIALIST Mane (Printed/Typed) DAVID H COOK Title REGULATORY SPECIALIST Mane (Electronic Submission) Date 06/01/2015 APP PRIVE USE Signature (Electronic Submission) Date 06/01/2015 APP PRIVE USE Title BUSC, Section 1001 and Title 43 U.S. Section 12/2, make it a crime for any period howing and without the application or recompleted. BUKEAU OF LABAD MANAGEMENT conduct durations thereon. 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 12/2, make it a crime for any period howing y and withing y to make to finy department occupacity of the United at any fabe, fictious or representations as to any matter within its jurisdiction.	E Final Abandonm	ent Notice				_					
4. I hereby certify that the foregoing is true and correct. Electronic Submission #303588 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs Committed to AFMSS for processing by JENNIFER SANCHEZ on 06/05/2015 (15JAS0057SE) Name (Printed/Typed) DAVID H COOK Signature (Electronic Submission) Date 06/01/2015 Mark (Printed/Typed) Title REGULATORY SPECIALIST Title Signature (Electronic Submission) Date 06/01/2015 Mark (Printed/Typed) Title SPACE FOR FEDERAL OR STATE OFFICE USE pproved By	Please see the att	tached revise	d Drilling Plan. (diftional cell) (DAS	ment o Still	n pila Stane	othi l	ole excess	is negative			
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DRILLING PROGRAM

Devon Energy Production Company, L.P. Mean Green 27 Fed 2H

1. Geologic Name of Surface Formation: Quaternary

2. Estimated Tops of Geological Markers & Depths of Anticipated FW, Oil, or Gas:

a.	Fresh Water	180'		
b.	Rustler	855′	B	arren
c.	Top of Salt	1205'	B	arren
d.	Base of Salt	5075'	B	arren
e.	Delaware	5335′	0	il / Gas
f.	Cherry Canyon	6369′	0	il / Gas
g.	Brushy Canyon	7974'	· O	il / Gas
h.	Bone Spring Lime	9434'	0	il / Gas
i.	1 st Bone Spring SS	10624'	O	il / Gas
j.	2 nd Bone Spring SS	11204'	Oi	il / Gas
k.	3 rd Bone Spring SS	12273′	Oi	l/Gas
1.	Wolfcamp	12594'	Oi	l/Gas
	Total Depths	12550' TVD	17407' M	D 12900' PH 13200'

PH

3. Pressure Control Equipment:

A 5M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling out the surface casing shoe. The BOP system used to drill the intermediate hole will be tested per BLM Onshore Oil and Gas Order 2.

A 5M 13-5/8" BOP system (Double Ram and Annular preventer) will be installed and tested prior to drilling out the intermediate casing shoe. The BOP system used to drill the production hole will be tested per BLM Onshore Oil and Gas Order 2.

The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 5,000 psi WP.

Devon requests a variance to use a flexible line with flanged ends between the BOP and the choke manifold (choke line); **if an H&P rig drills this well. Otherwise no flex line is needed**. The line will be kept as straight as possible with minimal turns.

Auxiliary Well Control and Monitoring Equipment:

- a. A Kelly cock will be in the drill string at all times.
- b. A full opening drill pipe stabbing valve having the appropriate connections will be on the rig floor at all times.

4. Casing Program:

Hole Size	Hole Interval	Casing OD	Casing Interval	Weight (lb/ft)	Collar	Grade	Collapse Design Factor	Burst Design Factor	Tension Design Factor
17-1/2"	0 - 950'	13-3/8"	0 - 900′	48	STC	H-40	1.91	4.30	12.52
12-1/4"	950-5300'	9-5/8"	0-5300'	40	втс	НСК-55	1.53	1.43	4.37
8-3/4"	5300-17407'	5-1/2"	0-17407′	17	втс	P-110	1.37	1.70	2.66

Casing Notes:

• All casing is new and API approved

Maximum Lateral TVD: 12550'

A pilot hole will be drilled to 12,900' 13,200' and will be plugged back to KOP with the cement volumes below.

5. Proposed mud Circulations System:

Depth	Mud Weight	Viscosity	Fluid Loss	Type System
0-900'	8.4-8.6	30-34	N/C	FW
900-5300'	10.0	28	N/C	Brine
5300-17407'	8.6-9.6	28-32	N/C	FW

The necessary mud products for weight addition and fluid loss control will be on location at all times. Visual mud monitoring equipment will be in place to detect volume changes indicating loss or gain of circulating fluid volume. If abnormal pressures are encountered, electronic/mechanical mud monitoring equipment will be installed.

6. Cementing Table:

String	Number of sx	Weight Ibs/gal	Water Volume g/sx	Yield cf/sx	Stage; Lead/Tail	Slurry Description
13-3/8"	410	13.5	9.08	1.72	Lead	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 4% bwoc Bentonite + 70.1% Fresh Water
Surface Casing	450	14.8	6.34	1.33	, Tail	Class C Cement + 63.5% Fresh Water
9-5/8" Intermediate Casing	1190	12.9	9.82	1.85	(65:35) Class C Cement: Poz (Fly Ash): 6% BWOC Lead Bentonite + 5% BWOW Sodium Chloride + 0.125 Ibs/sack Poly-E-Flake + 70.9 % Fresh Water	
	430	14.8	6.32	1.33	Tail	Class C Cement + 0.125 lbs/sack Poly-E-Flake + 63.5% Fresh Water
Pilot Hole Plug Back	440	15.6	5.39	1.19	Plug Cement	Class H Cement + 0.2% Halad-9 + 0.2% HR-601 + 60.5 % Fresh Water
5-1/2" Production Casing	860	11	14.94	2.66	Lead	Tuned Light [®] Cement + 0.125 lb/sk Pol-E-Flake + 76.5% Fresh Water
	1410	14.5	5.31	1.20	Tail	(50:50) Class H Cement: Poz (Fly Ash) + 0.5% bwoc HALAD-344 + 0.25% bwoc CFR-3 + 0.1% bwoc HR-601 + 2% bwoc Bentonite + 58.8% Fresh Water

TOC for all Strings:

Surface	0	0′
Intermediate	@	0′
Pilot Hole	@	11,854
Production	@	4800'

Notes:

- Cement volumes Surface 100%, Intermediate 75%, Pilot Hole 10% and Production Casing based on at least 25% excess
- Actual cement volumes will be adjusted based on fluid caliper and/or caliper log data