Form 3160-5 (February 2005)

DEPARTMENT OF THE INTERIOR BUREAU OF LANDAUGE CO.

BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED OMB No 1004-0137 Expires March 31, 2007

	5. Lease Serial No.
	NMNM-63011
Ì	6 If Indian Allottee or Tribe Name

	orm for proposaเร เ Use Form 3 <u>160-3 (</u> A					
SUBMI	T IN TRIPLICATE - Other	7 If Unit of CA/Agreement, Name and/or No.				
1 Type of Well Oil Well Gas V	/ell Other	her OCD-ARTESIA		8 Well Name and No Roadrunner 11 Fed Com 1		
2 Name of Operator Devon Energy Production Co., LP			9 API Well No. 30-015-35064			
3a Address 20 North Broadway OKC, OK 73102		3b Phone No. (include (405)-552-7802	area code)	10 Field and Pool or Exploratory Area Lusk; Morrow (Gas), West		
4 Location of Well (Footage, Sec., T, SWSW 660' FSL & 860' FWL Sec 11-T19S-R31E Lot M		·	11. Country or Parish, State Eddy County, NM			
12 CHEC	K THE APPROPRIATE BO	X(ES) TO INDICATE N	NATURE OF NOTIC	CE, REPORT OR OTHE	ER DATA	
TYPE OF SUBMISSION			TYPE OF ACTION			
✓ Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat		uction (Start/Resume)	Water Shut-Off Well Integrity	
Subsequent Report	Casing Repair Change Plans	New Construct Plug and Aban	don Temp	mplete oorarily Abandon	Other APD Extension	
Final Abandonment Notice	Convert to Injection	Plug Back	Wate	r Disposal		
testing has been completed. Final determined that the site is ready for the stream of the site is ready for th	r final inspection.)	s an extension of two y	/ears to drill the Co n 08/02/06; APD e	eyote 14 Fed 1, due to expires on 08/02/07.		
Name (Printed/Typed) Stephanie A. Ysasaga	rue and correct	Title S	Sr. Staff Engineerin	g Technician		
Signature		Date C	06/27/2007			
Approved by	/s/ Don Peterso	n FOR T		MANAGER	JUL 2 4 2007	
Conditions of approval, if any, are attache that the applicant holds legal or equitable entitle the applicant to conduct operations	d. Approval of this notice does atle to those rights in the subject	not warrant or certify		BAD HELD		

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

CONDITIONS OF APPROVAL - DRILLING

Operator's Name:

DEVON ENERGY PRODUCTION COMPANY, LP

Well Name & No.

1 – ROADRUNNER 11 FEDERAL COM

Location:

660' FSL & 860' FWL - SEC 11 - T19S - R31E - EDDY

Lease:

NM-63011

I. DRILLING OPERATIONS REQUIREMENTS:

- **A.** The Bureau of Land Management (BLM) is to be notified a minimum of 4 hours in advance for a representative to witness:
 - 1. Spudding well
 - 2. Setting and/or Cementing of all casing strings
 - 3. BOPE tests
 - Eddy County call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (505) 361-2822
- **B.** Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
- C. If floor controls are required, (3M or Greater) controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

II. CASING:

- A. The 13-3/8 inch surface casing shall be set at 675 feet and cemented to the surface.
 - 1. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with a surface log readout will be used or a cement bond log shall be run to verify the top of the cement.
 - 2. Wait on cement (WOC) time for a primary cement job will be a minimum of 12 hours for a non-water basin, 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compression strength, whichever is greater. (This is to include the lead cement)
 - 3. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compression strength, whichever is greater.
 - 4. If cement falls back, remedial action will be done prior to drilling out that string.
- B. The minimum required fill of cement behind the <u>8-5/8</u> inch intermediate casing is <u>circulate</u> <u>cement to the surface</u>. If cement does not circulate see A.1 thru 4.
- C. The minimum required fill of cement behind the <u>5-1/2</u> inch production casing is <u>tie back 200 feet</u> into the 8-5/8 inch casing.

D. If hardband drill pipe is rotated inside casing; returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool I joints of the drill pipe will be installed prior to continuing drilling operations.

III. PRESSURE CONTROL:

- **A.** All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 17.
- **B.** The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
 - 1. The tests shall be done by an independent service company.
 - 2. The results of the test shall be reported to the appropriate BLM office.
 - 3. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
 - 4. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.
 - 5. A variance to test the surface casing and BOP/BOPE to the reduced pressure of 1200 psi with the rig pumps is approved.

IV. DRILLING MUD:

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the **Wolfcamp** formation, and shall be used until production casing is run and cemented.

- 1. Recording pit level indicator to indicate volume gains and losses.
- 2. Mud measuring device for accurately determining the mud volumes necessary to fill the hole during trips.
- 3. Flow-sensor on the flow line to warn of abnormal mud returns from the well

LBabyak 7/24/07