Form 3160-5 (February 2005)



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD-A	RIESIA
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FORM APPROVED OMB No 1004-0137

Expires March 31, 2007

5 Lease Serial No NIMNIM962

			INI	NMNM96211	
Do not use this		ORTS ON WELLS to drill or to re-enter an APD) for such proposals.	6 If Indian, Allottee o	r Tribe Name	
SUBMI	T IN TRIPLICATE – Othe	r instructions on page 2.	7 If Unit of CA/Agree	ement, Name and/or No	
Type of Well Oil Well Gas V	Vell Other	NOV 18 2008	8 Well Name and No Angel	l Ranch 6 Federal 2	
Name of Operator Devon Energy Production Co, LP		OCD-ARTE	9 API Well No 30	0-015-34546	
a Address O North Broadway KC, OK 73102		3b Phone No <i>(include area code)</i> (405)-552-7802	10 Field and Pool or I	10 Field and Pool or Exploratory Area Angell Ranch Atoka - Morrow	
Location of Well <i>(Footage, Sec , T ,</i> ENW 1080' FNL & 1500 [†] FWL ec 6-T20S-R28E	R , M , or Survey Description	n)	11 Country or Parish,	State Eddy County, NM	
12 CHEC	CK THE APPROPRIATE BO	OX(ES) TO INDICATE NATURE OF	NOTICE, REPORT OR OTH	ER DATA	
TYPE OF SUBMISSION	,	TYPE OF ACTION			
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Start/Resume) Reclamation	Water Shut-Off Well Integrity	
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporarily Abandon	Other Add Morrow Pay	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal		
the proposal is to deepen direction	ally or recomplete horizontal	rtinent details, including estimated stai lly, give subsurface locations and mea	sured and true vertical depths o	fall pertinent markers and zones	

Describe Proposed or Completed Operation Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof 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 Production Company, L.P respectfully requests approval to add Morrow pay

- * See attached procedures
- * No earthen pit to be construted, closed loop system to utilized, see copy of C-144 submitted to NMOCD
- * BOP to be used, No H2S is anticipated to be encountered.
- * Will submit completion report if well if found productive, or subsequent report if well is found not productive
- * If it is deemed non-commercial then it will be plugged and abandoned in accordance with rules and regulations established by the New Mexico OCD

ACCEPTED FOR RECORD

NOV 19 2008

Gerry Guye, Deputy Field Inspector NMOCD-District II ARTESIA

14 I hereby certify that the foregoing is true and correct Name (Printed/Typet) Stephanie A. Ysasaga Tit	le Sr Staff Engineering Technician	
Signature Da	te 10/21/2008	APPROVED
// THIS SPACE FOR FEDERA	L OR STATE OFFICE USE	
Approved by	Title	NOV 1 5 2008
Conditions of approval, if any, are attached Approval of this notice does not warrant or certified that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon		JAMES A. AMOS SUPERVISOR-EPS

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

Devon Energy Corporation Angell Ranch 6 Fed 2 1080' FNL & 1500' FWL - SEC 6 - T20S - R28E Eddy County, NM

AFE # API # 30-015-34546 WI=50%

Objective:

Add Morrow pay and frac.

Well Data:

Surface Casing:

11-3/4" 42# H-40 STC @ 406' (TOC surface)

Intermed Casing:

8-5/8" 32# J-55 LTC @ 2708' (TOC surface)

Production Casing:

5 1/2" 17# HCP-110 LTC @ 11,100' (TOC 5220' CBL)

KB elev:

3374'

GL elev: 3357'

Drilled: 2006 PBTD 10,992' Float Collar

Tubing:

2 7/8" 6.5# N-80 EUE 8rd with punch holes at 10,845'.

Packer:

Arrow-Set packer at 10,884' w/ o-o tool

Existing Perfs:

10,850'-74' and 10,896'-10,915' (Lower Morrow)

Proposed Perfs:

10.663'-67', 10,706'-09', 10,716'-22', 10,736'-41', 10,760'-66' and 10,836'-41'

Procedure:

- 1. RUPU. Kill well with 10 bbls lease water down tubing and 20 bbls down casing. ND tree. NU BOP.
- 2. Release packer and POOH laying down tubing. NU frac valve. RDMO PU. Note: remove joint with holes from string.
- 3. RU wireline truck and mast. Make GR/JB run to PBTD. Set 5 ½" composite plug at ~10,890'. Perforate Morrow with 3 1/8" gun loaded 3 spf (120° phasing) from 10,836'-41' (5' and 15 holes). Correlate to Schlumberger Open Hole Log dated 4/13/06. RD wireline truck and mast.
- 4. RU BJ Services and test lines. Stimulate Morrow as per BJ's procedure. Take 5, 10, and 15 minute pressure. RD BJ.
- 5. Flow well until dead or rate stabilizes.
- 6. RU wireline truck. Make GR/JB run to PBTD. Set a flow-thru composite plug at ~10,820'. Perforate Morrow with 3 1/8" guns loaded 2 spf (120° phasing) from 10,663'-67' (4'), 10,706'-09' (3'), 10, 716'-22' (6'), 10,736'-41' (5') and 10,760'-66' (6'). Total 24' and 48 holes. Correlate to Schlumberger Open Hole Log dated 4/13/08. RD wireline truck.
- 7. RU BJ Services and test lines. Stimulate Morrow as per BJ's procedure. Take 5, 10, and 15 minute pressure. RD BJ.

- 8. Flow well for \sim 30 hrs. Shut-in well for \sim 10 hrs.
- 9. RU wireline truck. Make GR/JB run to PBTD. Set $5\frac{1}{2}$ " Arrow-Set packer with blanking plug at $\sim 10,630$ '. Bleed pressure off casing. RD wireline truck.
- 10. RUPU. ND frac valve. RIH o-o tool and tubing. Latch up and space out. ND BOP and frac valve. NU tree. RU slickline truck and retrieve blanking plug. RD wireline truck.
- 11. If necessary, RU swab and swab well on production.
- 12. RDMO.

GBM 10/20/08