

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
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 (APL) for such proposals

SUBMIT IN TRIPLICATE

OCD-ARTESIA
Month-Year
FEB - 5 2007
OCD-ARTESIA, NM

FORM APPROVED
OMB NO. 1004-0135
EXPIRES: NOVEMBER 30, 2000

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Serial No. NMNM-99039
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 20 North Broadway, Ste 1500, Oklahoma City, OK 73102 405-552-7802	7. Unit or CA Agreement Name and No.
4. Location of Well (Report location clearly and in accordance with Federal requirements)* SWNW 1980' FNL & 660' FWL Lot E Sec 14 T19S R31E	8. Well Name and No. Coyote 14 Fed 2Y
	9. API Well No. 30-015-35072 35423 35423
	10. Field and Pool, or Exploratory Lusk; Morrow (Gas)
	12. County or Parish 13. State Eddy NM

CHECK APPROPRIATE BOX(S) 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"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Other Change from Initial APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work and approximate duration thereof. If the proposal deepens directionally or recompletes horizontally, give subsurface location 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 recompletion 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 requirement, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection)

Devon Energy Production Co., respectfully asks permission to make the following changes in the casing program:

From 0 - ~~4690'~~ 9 5/8" 40# BT&C J-55 to 0-4100': 9 5/8" 40# BT&C J-55 & 4100-4650': 9 5/8" 40# BT&C HCK-55.
#650'

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

Signed [Signature] Name Stephanie A. Ysasaga
Title Sr. Staff Engineering Technician

Date APPROVED 1/30/2007

(This space for Federal or State Office use)

Approved by _____ Title _____
Conditions of approval, if any:

Date FEB 1 2007
[Signature]
PETROLEUM ENGINEER

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations in any matter within its jurisdiction.

*See Instruction on Reverse Side

Well name:

Coyote 14 Fed 2Y

Operator: **Devon Energy Corporation**

String type: Intermediate

Location: 14-T19S-R31E

Design parameters:

Collapse

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.100

Burst:

Design factor 1.20

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 115 °F
Temperature gradient: 0.85 °F/100ft
Minimum section length: 400 ft

Burst

Max anticipated surface pressure: 1,532 psi
Internal gradient: 0.372 psi/ft
Calculated BHP 3,261 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 3,958 ft

Estimated cost: 120,918 (\$)

Non-directional string.

Re subsequent strings:

Next setting depth: 12,600 ft
Next mud weight: 10.300 ppg
Next setting BHP: 6,742 psi
Fracture mud wt: 13.500 ppg
Fracture depth: 4,650 ft
Injection pressure 3,261 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
2	4100	9.625	40.00	J-55	Buttress	4100	4100	8.75	102493
1	550	9.625	40.00	HCK-55	Buttress	4650	4650	8.75	18425

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
2	2130	2550	1.20	3057	3950	1.29	186	630	3.39 B
1	2416	4230	1.75	3261	3950	1.21	22	630	28.63 B

Prepared by: Don Jennings
Devon Energy

Date: January 30, 2007
Oklahoma City, Oklahoma

Remarks:

Collapse is based on a vertical depth of 4650 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.