

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

OPERATOR'S COPY

FORM APPROVED
OMB NO. 1004-0135
EXPIRES: NOVEMBER 30, 2000Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals

SUBMIT IN TRIPLICATE

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other _____2. Name of Operator
Devon Energy Production Co. LP3. Address and Telephone No.
20 North Broadway, Ste 1500, Oklahoma City, OK 73102 405-552-78024. Location of Well (Report location clearly and in accordance with Federal requirements)
Sec 26 - T23S R31E 660' FNL & 660' FWL

5. Lease Serial No.

NMNM0418220A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Well Name and No.

Todd 26D Federal 21

9. API Well No.

30-015-35077

10. Field and Pool, or Exploratory

Ingia Wells; Delaware

12. County or Parish 13. State

Eddy

NM

CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Change to Original APD
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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., LP respectfully requests permission to deviate from the Drilling Conditions of Approval regarding Casing section II, that 5 1/2" production string to be circulated to surface. Per Order No. R-12513 Devon has been granted a variance exception to tie back to the 8 5/8" casing. The APD previously submitted will require no revisions as our cementing programs top of cement was designed to reach above the 8 5/8" casing seat @ 4400'. Original drilling stipulations and Order No. 12513 are attached for your review.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed

Name
TitleStephanie A. Ysasaga
Sr. Staff Engineering Technician

Date

9/28/2006

(This space for Federal or State Office use)

Approved by

Title

Conditions of approval, if any:

Date

APPROVED

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 or any matter within its jurisdiction.

*See Instruction on Reverse Side

WESLEY W. INGRAM
PETROLEUM ENGINEER

**Todd 26d Federal 21
Devon Energy Production Co. LP**

**Conditions of Approval
October 6, 2006**

As per Order No. R-12513:

- 1. The cement must extend a minimum of 500' into the 8-5/8" casing string.**
- 2. Reminder: Perform steps 3 and 5 under "IT IS THEREFORE ORDERED THAT:"**

**Wesley W. Ingram
Petroleum Engineer**

CEMEX

P.O. Box 1547 * Odessa, Texas
(915)385-2800 * Fax:(915)385-2808

Odessa Cement Plant

EVALUATION TESTS- API CLASS H (MSR) CEMENT

Odessa, Texas

Date August, ; 2006 Code M- 226, 233, 239, 243
Fineness (cm2/g):Blaine 2145

Percent Compound Composition
and other chemical data

	API Specs		API Specs
C ₃ S	56	Ign. Loss	1.2
C ₃ A	4.5	Eq. Alkalies	0.48
MgO	0.9	Free CaO	2.1
SO ₃	2.9	Insol.	0.3
			0.75

API Thickening Time Data

Percent Water	Schedule	Final Temp.	Initial Viscosity	Minutes to 50 Bc	Minutes to 70 Bc	Minutes to 100 Bc
38	5	125°F	17/18	80	93	103
46	5	125°F	12/12	135	150	171
38	API SPECIFICATIONS			< 30		

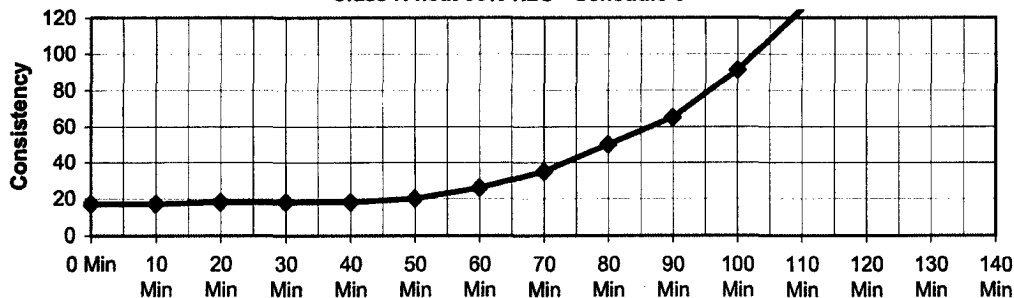
API Compressive Strengths

Percent Water	Curing Time,Hrs.	Curing Temp.	Mpa (PSI)	API Spec	API Free Water Test Free Water %
38	8	100°F	4.9 (715)	2.1 (300)	API SPEC 5.9%
38	8	140°F	16.3 (2370)	10.3 (1500)	4.5

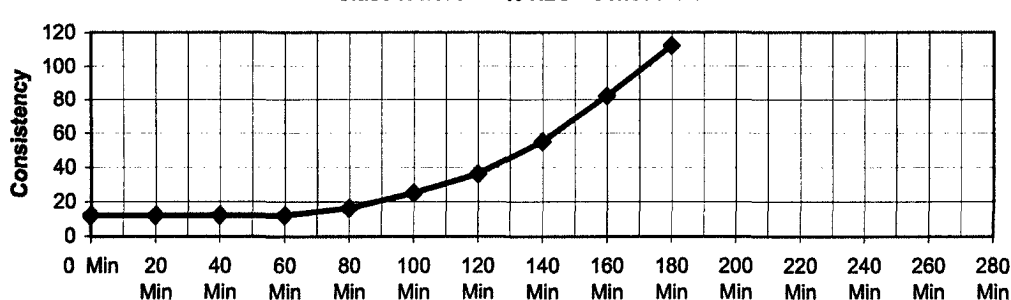
Viscosity Determinations

Atmospheric Consistometer				Fann V-G Meter					
Percent Water	Consistency, Bc			Dial Readings					
	Initial	10	20	RPM:	300	200	100	6	3
38	5	5	6		97	81	61	19	13

Class H neat 38% H2O - Schedule 5



Class H neat - 46% H2O - Schedule 5



Joshua C. Didion

Quality Control Manager

CEMEX

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Odessa Cement Plant

EVALUATION TESTS-API CLASS C (MSR) CEMENT

Odessa, Texas

Date August 2006 Code M- 213, 217, 218, 219, 221, 222, 224, 232, 234, 235, 237, 240, 242
 Fineness (cm2/g):Blaine 3950

Percent Compound Composition
and other chemical data

		API-Specs		API Specs
C ₃ S	52	NR	Ign. Loss	1.4
C ₃ A	4.5	< 3.0	Eq. Alkalies	0.43
MgO	0.9	6.0	Free CaO	1.9
SO ₃	2.9	3.5	Insol.	0.43
				0.75

API Thickening Time Data

Percent Water	Schedule	Final Temp.	Initial Viscosity	Minutes to 50 Bc	70 Bc	100 Bc
56	4	113°F	15/16	110	125	138
API SPECIFICATIONS			< 30			> 90

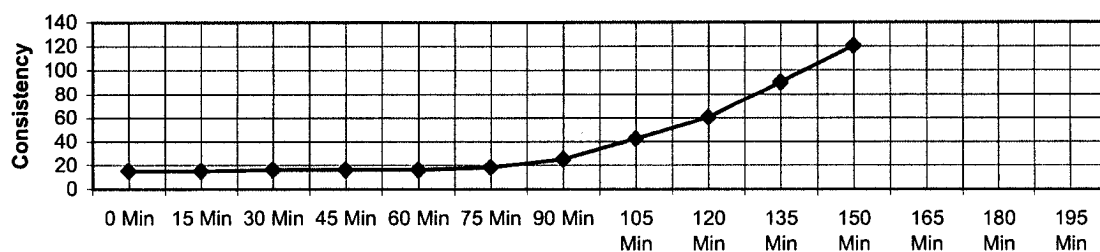
API Compressive Strengths

Percent Water	Curing Time,Hrs.	Curing Temp.	Mpa (PSI) Atmospheric Pressure	Mpa (PSI) API SPECIFICATIONS
56	8	100°F	4.6 (660)	2.1 (300)
56	24	100°F	15.7 (2270)	13.8 (2000)

Viscosity Determinations

Atmospheric Consistometer				Fann V-G Meter					
Percent Water	Consistency, Bc			Dial Readings					
	Initial	10	20	RPM:	300	200	100	6	3
	56	5	5		5	63	54	43	20

Class C neat - 56% H2O - Schedule 4



Joshua C. Didion

Quality Control Manager