

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

OCD-ARTESIA

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

Do 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 COMPANY, LP

3. Address and Telephone No.
20 North Broadway, Ste 1500, Oklahoma City, OK 73102 405-552-7802

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
**SENE Lot H 1900' FNL & 600' FEL
Sec 27 T23S R31E**

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

5. Lease Serial No.
NM-0418220-A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Well Name and No.
Todd 27H Federal 8

9. API Well No.
30 015 35520

10. Field and Pool, or Exploratory
Ingle Wells; Delaware

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"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other COA: Cementing Evaluation Tests
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 deepen directionally or recomplete 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 Company, L.P. respectfully submits the data requested per "COA" for Sec 27-T23S-R31E, in ref to NMOCD Order No. R-12513 Step 3:

(See attached evaluation tests for Class H & C (MSR) cement.)

**SUBJECT TO LIKE
APPROVAL BY STATE**

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

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

Date **3/7/2007**

(This space for Federal or State Office use)

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

ACCEPTED FOR RECORD

Date **APR 3 2007**

**FREDERICK WRIGHT
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 to any matter within its jurisdiction.

*See Instruction on Reverse Side

Odessa Cement Plant

EVALUATION TESTS- API CLASS H (MSR) CEMENT

Odessa, Texas

Date January, 2007 Code M-2, 20, 22

Fineness (cm2/g):Blaine 2090

Percent Compound Composition
and other chemical data

		API Specs			API Specs
C ₃ S	56	NR	Ign. Loss	0.88	3.0
C ₃ A	3.7	< 3.0	Eq. Alkalies	0.47	0.6
MgO	0.8	6.0	Free CaO	1.7	NR
SO ₃	3.5	3.0	Insol.	0.35	0.75

API Thickening Time Data

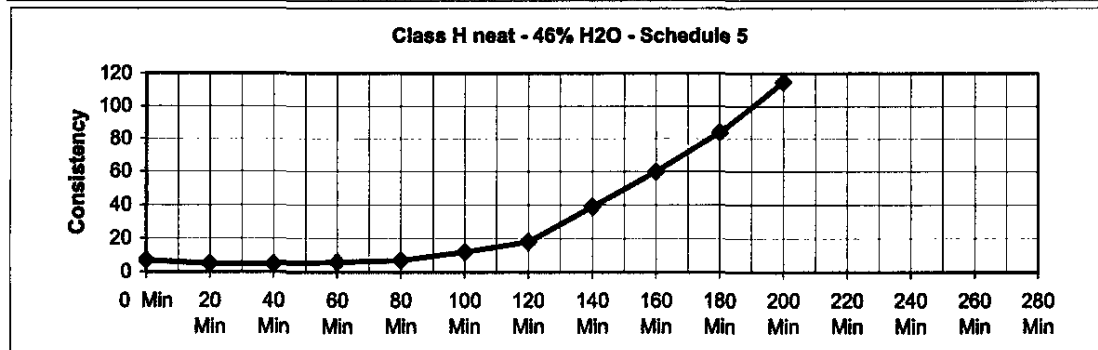
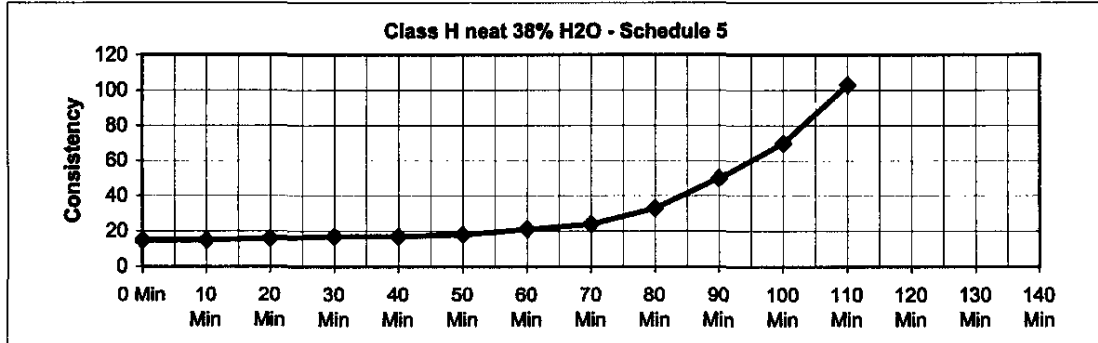
Percent Water	Schedule	Final Temp.	Initial Viscosity	Minutes to		
				50 Bc	70 Bc	100 Bc
38	5	125°F	15/17	90	100	109
46	5	125°F	7/5	150	169	192
38	API SPECIFICATIONS			< 30	90 / 120	

API Compressive Strengths

Percent Water	Curing Time, Hrs.	Curing Temp.	Mpa (PSI)	API Spec	API Free Water Test
			Atmospheric Pressure		Free Water %
38	8	100°F	5.2 (760)	2.1 (300)	4.1
38	8	140°F	12.2 (1763)	10.3 (1500)	API SPEC 5.9%

Viscosity Determinations

Percent Water	Atmospheric Consistometer			Fann V-G Meter					
	Consistency, Bc			Dial Readings					
	Initial	10	20	RPM:	300	200	100	6	3
38	4	5	6		79	66	50	19	12



Joshua C Didion

Quality Control Manager

CEMEX

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

Odessa Cement Plant

EVALUATION TESTS-API CLASS C (MSR) CEMENT

Odessa, Texas

Date January, 2007 Code M- 1, 7, 14, 19, 25, 27, 28, 29
 Fineness (cm2/g):Blaine 3784

Percent Compound Composition
 and other chemical data

		API Spec			API Spec
C ₃ S	56	NR	Ign. Loss	1.3	3.0
C ₃ A	3.9	<3.0	Eq. Alkalies	0.45	0.6
MgO	0.8	6.0	Free CaO	1.4	NR
SO ₃	3.6	3.5	Insol.	0.52	0.75

API Thickening Time Data

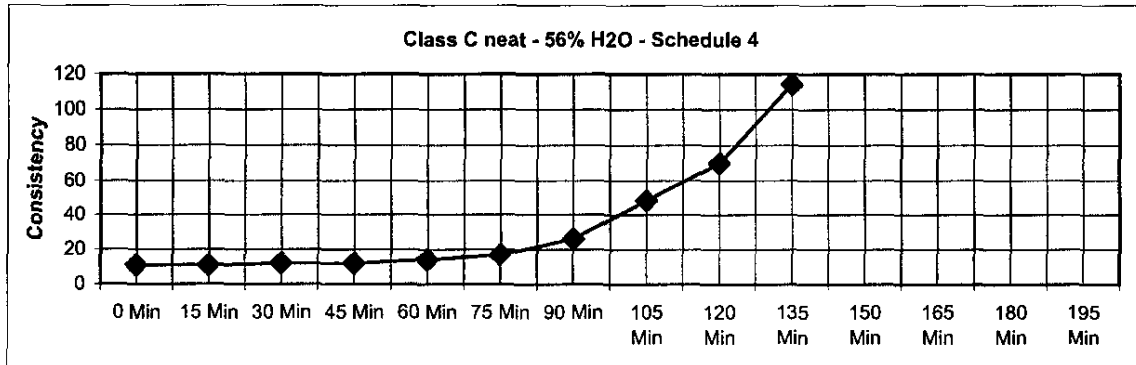
Percent Water	Schedule	Final Temp.	Initial Viscosity	Minutes to		
				50 Bc	70 Bc	100 Bc
56	4	113°F	11/12	112	120	127
API SPECIFICATIONS			< 30	> 90		

API Compressive Strengths

Percent Water	Curing Time,Hrs.	Curing Temp.	Mpa (PSI)	
			Atmospheric Pressure	API SPECIFICATIONS
56	8	100°F	5.4 (777)	2.1 (300)
56	24	100°F	17.2 (2496)	13.8 (2000)

Viscosity Determinations

Percent Water	Atmospheric Consistometer			Fann V-G Meter					
	Consistency, Bc			Dial Readings					
	Initial	10	20	RPM:	300	200	100	6	3
56	4	5	5		56	48	38	20	13



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Quality Control Manager