

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

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0135
EXPIRES: NOVEMBER 30, 2000Month - Year
APR - 5 2007
OCD - ARTESIA, NM

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, Oklahoma City, OK 73102 405-228-8699		
4. Location of Well (Report location clearly and in accordance with Federal requirements)*	SWNW 1850' FNL & 500' FWL Sec 27 T23S R31E		

5. Lease Serial No.	NM-418220-A
6. If Indian, Allottee or Tribe Name	
7. Unit or CA Agreement Name and No.	
8. Well Name and No.	Todd 27E Federal 5
9. API Well No.	30-05 35517
10. Field and Pool, or Exploratory	Ingle Wells; Delaware
12. County or Parish	Eddy
13. State	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 COA: Cementing Evaluation Tests
	☐ 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 Company, L. P. respectfully submits the data requested per "COA" for Sec 27 T23S R31E in re: to NMOCD Order
No. R-12513 Step 3:

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

SUBJECT TO LIKE
APPROVAL BY STATEEmrys OK -
H. L. Ingram
3/15/07

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

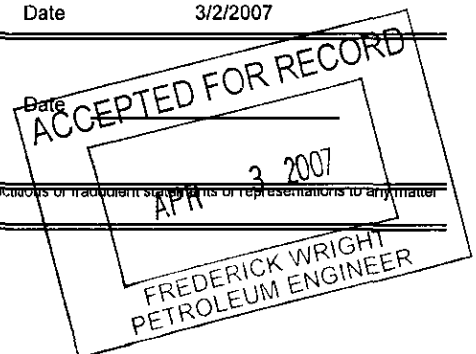
Signed Judy A. Barnett Name Judy A. Barnett Title Regulatory Analyst Date 3/2/2007

(This space for Federal or State Office use)

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

Title to U.S.C. Section 1001, makes it a crime for any person knowingly and wilfully 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



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 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 ₂ 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

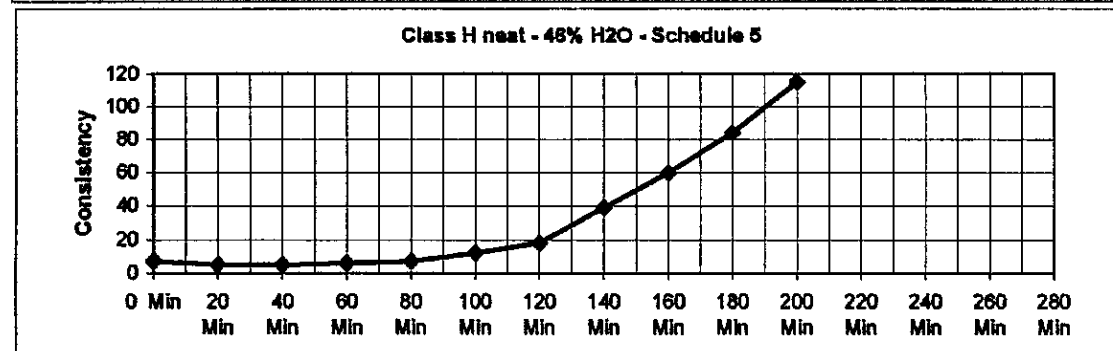
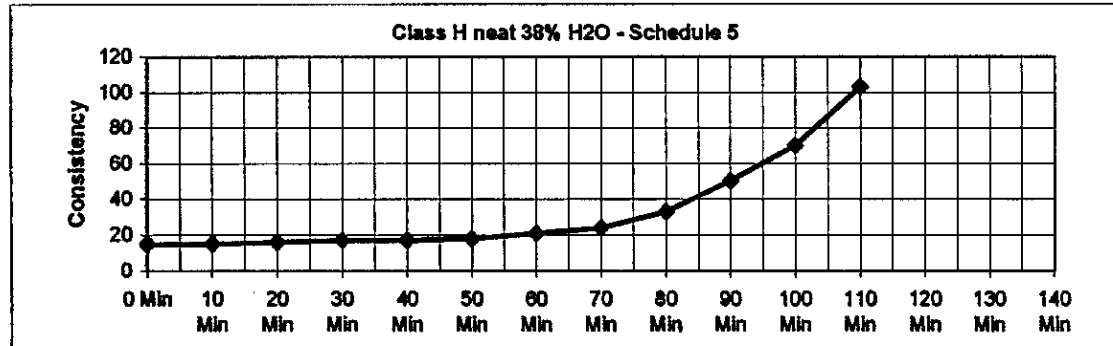
Percent Water	Schedule	Final Temp.	Initial Viscosity	Minutes to 50 Bc	Minutes to 70 Bc	Minutes to 100 Bc
38	5	125°F	15/17	90	100	109
46	5	125°F	7/5	150	169	192
38	API SPECIFICATIONS			< 30		
				90 / 120		

API Compressive Strengths

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

Viscosity Determinations

Atmospheric Consistometer				Fann V-G Meter					
Percent	Consistency, Bc			Dial Readings					
Water	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	50 Bc	70 Bc	100 Bc
56	4	113°F	11/12	112	120	127

API SPECIFICATIONS

< 30

> 90

API Compressive Strengths

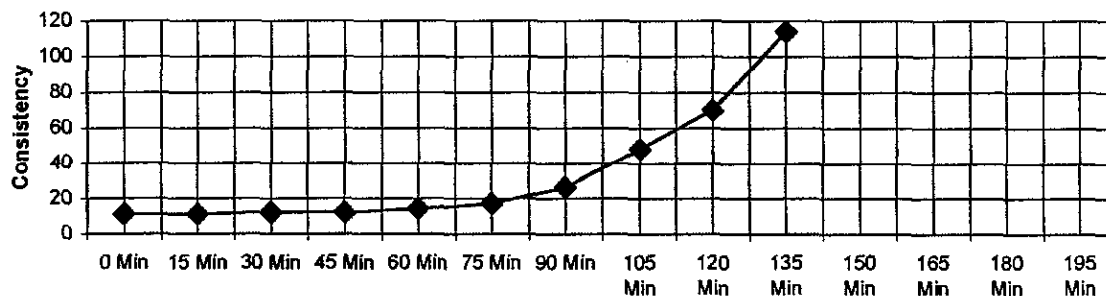
Percent Water	Curing Time, Hrs.	Curing Temp.	Mpa (PSI) Atmospheric Pressure	Mpa (PSI) API SPECIFICATIONS
56	8	100°F	5.4 (777)	2.1 (300)
56	24	100°F	17.2 (2496)	13.8 (2000)

Viscosity Determinations

Percent Water	Atmospheric Consistometer Consistency, Bc
56	Initial 10 20 4 5 5

RPM:	Fann V-G Meter Dial Readings
300	200 100 6 3
56	48 38 20 13

Class C neat - 56% H₂O - Schedule 4



Joshua C Didion

Quality Control Manager