Form 3160-5 (August 1999)

(ORIG. SG

Approved by

Conditions of approval, if any:

UNITED STALES

FORM APROVED OMB NO. 1004-0135

DEPARTMENT OF THE INTERIOR .M. OIL CONS. DIV-DISTERSE SERIAL NO. EXPIRES: NOVEMBER 30, 2000 SUNDRY NOTICES AND REPORTS ON WALES W. Grand Aver Do not use this form for proposals to unit of the sach proposals. Use Form 3160-3 (APD) for such proposals. Do not use this form for proposals to drill or to re-en NMNM-89051 6. If Indian, Allottee or Tribe Name SUBMIT IN TRIPLICATE 7. Unit or CA Agreement Name and No. RECEIVED 1a. Type of Well ☑ Oil Well Gas Well □ Other 8 Well Name and No. SEP - 2 2005 Apache 13 Federal 8 2. Name of Operator PAPITEON Devon Energy Production Co., LP 9. API Well No. 3. Address and Telephone No. 30-015-34221 405-552-7802 20 North Broadway, Ste 1500, Oklahoma City, OK 73102 10. Field and Pool, or Exploratory 4. Location of Well (Report location clearly and in accordance with Federal requirements)* Delaware 2530' FNL & 330' FEL 12. County or Parish 13. State Sec 13 T22S R30E Eddy NM CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OS SUBMISSION TYPE OF ACTION Water Shut-Off Acidize Deepen Production (Start/Resume) ✓ Notice of Intent Well Integrity Reclamation Alter Casing Fracture Treat ☐ Subsequent Report Other Change Original Casing Repair **New Construction** Recomplete Plug and Abandon Change Plans Temporarily Abandon APD Final Abandonment Notice Water Disposal Plug Back Convert to Injection 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 requests approval to change our original APD and adjust cementing reports as follows to our Stage 2 plan: 2nd stage lead with 720 sacks (35:65) Poz Class C, tail with 100 sacks (35:65) Poz Class C. Change Stage 2 lead slurry to 720 sacks (35:65) Poz Class C cement, tail with 100 sacks Class C cement. This is necessary due to the fact we encountered a severe H2S water flow. at the to egoing is true and correct 14. I hereby cert Name Stephanie A. Ysasaga Signed Title Senior Engineering Technician 8/29/2005 Date ederal or State Office use) (This space for ALEXIS C. SWOBODA SEP 0 1 2005

PETROLEUM ENGINEER

Well Name:

Operator Name: Devon Energy Corporation Apache 13 Federal #8H

Date:

Job Description: Intermediate Casing August 26, 2005



Proposal No: 215851867C

JOB AT A GLANCE (Continued)

Stage No: 2

Stage Collar set @ 2,800 ft

Spacer

Fresh Water

10 bbls

Density

8.3 ppg

Lead Slurry

35:65:6 Poz:Class C

720 sacks

Density

12.5 ppg

Yield

2.04 cf/sack

Tail Slurry

Class C

100 sacks

Density

14.8 ppg

Yield

1.34 cf/sack

Displacement

Mud

212 bbls

Density

10.0 ppg

2005 AUG 30 AM 10: 56

Operator Name: Devon Energy Corporation Apache 13 Federal #8H

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Date:

August 26, 2005



Proposal No: 215851867C

FLUID SPECIFICATIONS (Continued)

STAGE NO.: 2

Spacer

10.0 bbls Fresh Water @ 8.34 ppg

Lead Slurry

1464

1 2.04 = 720 sacks (35:65) Poz (Fly Ash):Class C Cement + 6% bwoc Bentonite + 0.25 lbs/sack Cello Flake +

5% bwow Sodium Chloride + 107.8% Fresh Water

VOLUME VOLUME

FLUID CU-FT

FACTOR AMOUNT AND TYPE OF CEMENT

_Tail Slurry 134

/ 1.34 = 100 sacks Class C Cement + 2% bwoc Calcium

Chloride + 56.4% Fresh Water

Displacement

212.3 bbls Mud @ 10 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	12.50	14.80
Slurry Yield (cf/sack)	2.04	1.34
Amount of Mix Water (gps)	11.24	6.36
Estimated Pumping Time - 70 BC (HH:MM)	4:00	2:00
COMPRESSIVE STRENGTH		
12 hrs @ 80 ° F (psi)	150	
24 hrs @ 80 ° F (psi)	275	
12 hrs @ 97 ° F (psi)		1150
24 hrs @ 97 ° F (psi)		2100
72 hrs @ 97 ° F (psi)		2700