

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**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 (APD) for such proposals.

HOBBS OCD

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM61360	
2. Name of Operator DEVON ENERGY PRODUCTION CO		6. If Indian, Allottee or Tribe Name	
3a. Address 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102		7. If Unit or CA/Agreement, Name and/or No. NMNM94480X	
3b. Phone No. (include area code) Ph: 405-228-7203		8. Well Name and No. GAUCHO UNIT 20H	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T22S R34E SESW 0200FSL 1500FWL 32.355420 N Lat, 103.492146 W Lon		9. API Well No. 30-025-41978-00-X1	
		10. Field and Pool, or Exploratory OJO CHISO	
		11. County or Parish, and State LEA COUNTY, NM	

12. CHECK APPROPRIATE BOX(ES) 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"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Change Plans
	<input checked="" type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Convert to Injection
	<input type="checkbox"/> Plug Back

E-PERMITTING <SWD INJECTION
CONVERSION RBDMS
RETURN TO TA
CSNG ENVIRO CHG LOC
INT TO PA P&A NR P&A R

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations 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 recompleat 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 requirements, 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 to plug the surface hole and skid 25' West towards the Gaucho Unit 21H and redrill the surface on the Gaucho Unit 20Y due to the high doglegs experienced.

Attached is the plugging procedure and proposed cement slurry.
Verbal given by C. Walls

Thank you

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #315750 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs Committed to AFMSS for processing by CHRISTOPHER WALLS on 09/09/2015 (15CRW0084SE)	
Name (Printed/Typed) TRINA C COUCH	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 09/08/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS	Title PETROLEUM ENGINEER	Date 09/09/2015
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

MMB/OCD 9/14/2015

SEI 15 2015

dm

Gaucha Unit 20H Surface Plugging

TD - 1,688'

Hole Diameter from fluid caliper - 21.58"

Slurry Information			
Mix Water	6.42 gps	Yield	1.35 (cu ft/sk)
Slurry Density	14.8 ppg	Mud Wt.	9.6 ppg

1. Run in hole with 5" open ended drill pipe to TD.
2. Mix and pump the first half of the balanced cement plug (425 bbls or 1770 sacks)
3. Trip out of hole to 844' and circulate cement out of hole.
4. Mix and pump the second half of the balanced cement plug (425 bbls 1770 sacks) circulating cement to surface. Be prepared to handle cement returns to surface.
5. If cement falls, top off with sackrete
6. Cut off conductor at ground level and weld on a cap as the a dry hole marker with the following information welded, stamped or otherwise permanently engraved into the marker's metal

The operator name

Lease name and well number

Location, (unit letter, section, township and range)

Date of plugged

7. Skid the rig west 25' too drill the Gaucha Unit 20Y

Job Information

Company:	Historical Data	TVD:	2000	ft	Test Date:	
Well Name:	Historical Data	MD:	2000	ft	Requestor:	Luis Rodriguez
County:		BHST:	107	°F	Job Type:	Plugback
District:	WTX	BHCT:	93	°F	Slurry:	Plug
Analyst:		Rig:	Other		Blend Type:	Field Blend

Slurry Information

Mix Water	6.42	gps	Yield	1.35	(cu ft/sk)
Slurry Density	14.8	ppg	Mud Wt.	9.6	ppg

Slurry Recipe

Cement Blend: Class C

Sack Weight 94 lbs/sk

2 %bwoc
0.4 %bwoc
0.15 %bwoc

GEL
CPT-35
CPT-20

Gelling Agent
Dispersant
Cement Retarder

Thickening Time @ 93°F				Compressive Strengths @ 107°F			
Time to Temp	Time	Bc	Final psi	Time	UCA CS		
19	3:07	70 BC's	2646	8 hr:	1189		
				12 hr:	1652		
				24 hr:	2284		
				50 psi:	3:13		
				500 psi:	5:05		

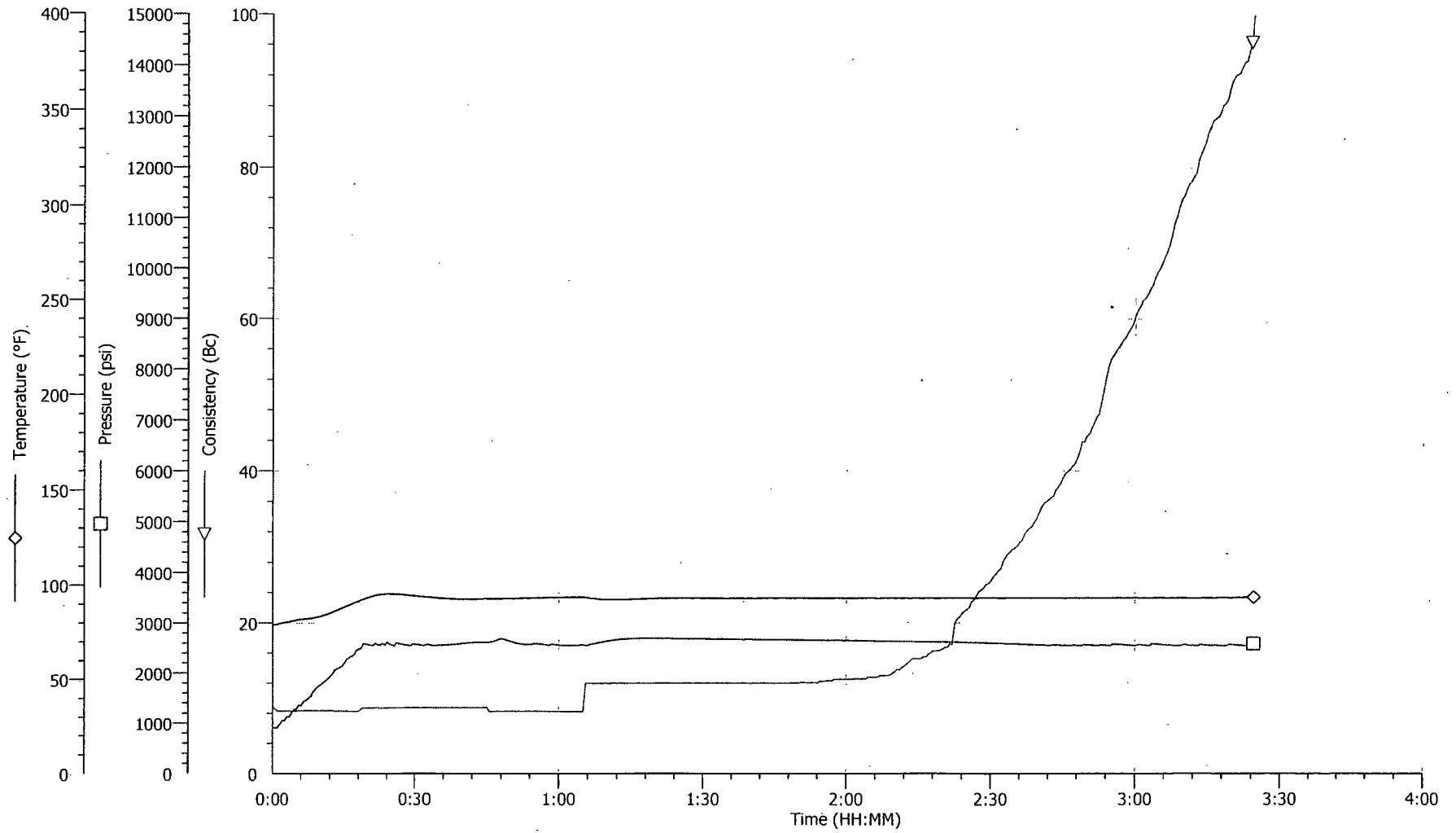
Fluid Properties				Rheological data (cP)							
FL	FF			Temperature	300	200	100	60	30	6	3
Temperature (°F)											

Comments

CREST PUMPING TECHNOLOGIES

BHCT: 93

Job Type: Plugback
Time to 70Bc: 3:07:30



BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours – operator will place full tubing weight on plug when tagged.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement.

Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs. **The Neat cement shall be mixed according to the API water requirement. If operator requests a variance from the API water requirement, the plug(s) will be tagged and possibly pressure tested.**

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well.

Show date well was plugged.

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation procedure.