Form 3160-5
(February 2005)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

RM

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.

SUBMIT IN TRIPLICATE *– Other instructions on page 2.*

5. Lease Serial No
NMNM-100561

6 If Indian, Allottee or Tribe Name

RECEIVED
FEB 22 2010
NMOCD ARTESIA

7. If Unit of CA/Agreement, Name and/or No

1 Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Strawberry 7 Federal 3

2 Name of Operator
Devon Energy Production Co., LP

9. API Well No.
30-015-37171

3a. Address
20 North Broadway
OKC, OK 73102

3b Phone No. *(include area code)*
(405)-552-7802

10. Field and Pool or Exploratory Area
Hackberry; Bone Springs, North

4 Location of Well *(Footage, Sec., T.,R.,M , or Survey Description)*
NWNW 330' FNL & 660' FWL
Sec 7-T19S-R31E - Lot D

11. Country or Parish, State
Eddy County, NM

12. CHECK THE 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
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other APD Changes
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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 recomplete 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 must 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 must be filed once testing has been completed Final Abandonment Notices must 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 Co,. LP respectfully requests approval to change the following on the surface casing depth:
Setting depth from 600' to ~~500'~~ 560' - the Rustler top is 425'.

Devon Energy Production Co,. LP respectfully requests approval to change the following on the intermediate 12 1/4" hole:
From: 8 5/8" 32# LT&C K-55 To: 9 5/8" 36# ST&C J-55 -> Safety Factors: Collapse - 1.76 Burst - 3.07 Tensile - 7.98

Devon Energy Production Co,. LP respectfully requests approval to change the following on the intermediate the 7 7/8" hole:
Production hole from: 7 7/8" To: 8 1/2"

(See cementing report)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

APPROVED
FEB 22 2010
/s/ Chris Walls
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

14 I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Stephanie A. Ysasaga

Title Sr. Staff Engineering Technician

Signature

Date 02/18/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

D 2/23/10

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

(Instructions on page 2)

Proposal No: 215855013B

Devon Energy Corp
Strawberry 7 Fed Com #3

API # 30-015-37171-0000

Sec. 7-19S-31E
Eddy County, New Mexico
February 17, 2010

Well Recommendation

Prepared for:
Pat Brown
Drilling Engineer
Oklahoma City, Oklahoma
Bus Phone: (405) 228-8511

Prepared by:
John Parks
Region Technical Rep.
Oklahoma City, Oklahoma
Bus Phone: (405) 228-4302

THE BLUE WELLBORE℠
Makes better wells

Service Point:
Artesia
Bus Phone: (505) 746-3140
Fax: (505) 746-2293

Service Representatives:
Larry Johnson
Senior Sales Rep
Artesia, New Mexico

Operator Name: Devon Energy Corp
Well Name: Strawberry 7 Fed Com #3
Job Description: Surface Casing
Date: February 17, 2010

Proposal No: 215855013B

JOB AT A GLANCE

Depth (TVD)	500 ft
Depth (MD)	500 ft
Hole Size	17.5 in
Casing Size/Weight :	13 3/8in, 48 lbs/ft
Pump Via	13 3/8" O.D. (12.715" .I.D) 48 #
Total Mix Water Required	3,651 gals
Spacer	
Fresh Water	20 bbls
Density	8.3 ppg
Lead Slurry	
Class C + Additives	225 sacks
Density	13.5 ppg
Yield	1.75 cf/sack
Tail Slurry	
Class C	250 sacks
Density	14.8 ppg
Yield	1.35 cf/sack
Displacement	
Mud	72 bbls
Density	9.0 ppg

Operator Name: Devon Energy Corp
Well Name: Strawberry 7 Fed Com #3
Job Description: Surface Casing
Date: February 17, 2010

Proposal No: 215855013B

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
17.500 HOLE	500	500

SUSPENDED PIPES

DIAMETER (in)		WEIGHT (lbs/ft)	DEPTH(ft)	
O.D.	I.D.		MEASURED	TRUE VERTICAL
13.375	12.715	48	500	500

Float Collar set @	460 ft
Mud Density	9.00 ppg
Est. Static Temp.	80 ° F
Est. Circ. Temp.	80 ° F

VOLUME CALCULATIONS

283 ft	x	0.6946 cf/ft	with	100 % excess	=	393.5 cf
217 ft	x	0.6946 cf/ft	with	100 % excess	=	301.1 cf
40 ft	x	0.8818 cf/ft	with	0 % excess	=	35.3 cf (inside pipe)
				TOTAL SLURRY VOLUME	=	729.9 cf
					=	130 bbls

Operator Name: Devon Energy Corp
Well Name: Strawberry 7 Fed Com #3
Job Description: Surface Casing
Date: February 17, 2010

Proposal No: 215855013B

FLUID SPECIFICATIONS

Spacer 20.0 bbls Fresh Water @ 8.34 ppg

FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
Lead Slurry	394	/ 1.75	= 225 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 4% bwoc Bentonite + 81.4% Fresh Water
Tail Slurry	336	/ 1.35	= 250 sacks Class C Cement + 2% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 56.3% Fresh Water

Displacement 72.2 bbls Mud @ 9 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	13.50	14.80
Slurry Yield (cf/sack)	1.75	1.35
Amount of Mix Water (gps)	9.17	6.35
Estimated Pumping Time - 70 BC (HH:MM)	3:30	2:30
COMPRESSIVE STRENGTH		
8 hrs @ 80 ° F (psi)		500
12 hrs @ 80 ° F (psi)	400	865
15 hrs @ 80 ° F (psi)	500	
24 hrs @ 80 ° F (psi)	700	1475
72 hrs @ 80 ° F (psi)		2700

Operator Name: Devon Energy Corp
Well Name: Strawberry 7 Fed Com #3
Job Description: Intermediate Casing
Date: February 17, 2010

Proposal No: 215855013B

JOB AT A GLANCE

Depth (TVD)	2,200 ft
Depth (MD)	2,200 ft
Hole Size	12.25 in
Casing Size/Weight :	9 5/8in, 36 lbs/ft
Pump Via	9 5/8" O.D. (8.921" .I.D) 36 #
Total Mix Water Required	6,602 gals
Spacer	
Fresh Water	20 bbls
Density	8.3 ppg
Lead Slurry	
35:65:4 Poz:Class C	445 sacks
Density	12.8 ppg
Yield	1.97 cf/sack
Tail Slurry	
Class C	300 sacks
Density	14.8 ppg
Yield	1.34 cf/sack
Displacement	
Mud	167 bbls
Density	10.0 ppg

Operator Name: Devon Energy Corp
Well Name: Strawberry 7 Fed Com #3
Job Description: Intermediate Casing
Date: February 17, 2010

Proposal No: 215855013B

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
12.715 CASING	500	500
12.250 HOLE	2,200	2,200

SUSPENDED PIPES

DIAMETER (in)		WEIGHT	DEPTH(ft)	
O.D.	I.D.	(lbs/ft)	MEASURED	TRUE VERTICAL
9.625	8.921	36	2,200	2,200

Float Collar set @	2,160 ft
Mud Density	10.00 ppg
Est. Static Temp.	98 ° F
Est. Circ. Temp.	90 ° F

VOLUME CALCULATIONS

500 ft	x	0.3765 cf/ft	with	0 % excess	=	188.3 cf
1,088 ft	x	0.3132 cf/ft	with	100 % excess	=	681.4 cf
612 ft	x	0.3132 cf/ft	with	100 % excess	=	383.4 cf
40 ft	x	0.4341 cf/ft	with	0 % excess	=	17.4 cf (inside pipe)
			TOTAL SLURRY VOLUME		=	1270.5 cf
					=	226 bbls

Operator Name: Devon Energy Corp
Well Name: Strawberry 7 Fed Com #3
Job Description: Intermediate Casing
Date: February 17, 2010

Proposal No: 215855013B

FLUID SPECIFICATIONS

Spacer 20.0 bbls Fresh Water @ 8.34 ppg

FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
Lead Slurry	870	/ 1.97	= 445 sacks (35:65) Poz (Fly Ash):Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 4% bwoc Bentonite + 5% bwoc MPA-5 + 1% bwoc Sodium Metasilicate + 101.3% Fresh Water
Tail Slurry	401	/ 1.3	= 300 sacks Class C Cement + 1% bwoc Calcium Chloride + 0.125 lbs/sack Cello Flake + 56.2% Fresh Water

Displacement 167.0 bbls Mud @ 10 ppg

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	12.80	14.80
Slurry Yield (cf/sack)	1.97	1.34
Amount of Mix Water (gps)	10.56	6.34
Estimated Pumping Time - 70 BC (HH:MM)	3:30	2:30
COMPRESSIVE STRENGTH		
12 hrs @ 95 ° F (psi)	340	
15 hrs @ 95 ° F (psi)	500	
24 hrs @ 95 ° F (psi)	800	
8 hrs @ 100 ° F (psi)		500
12 hrs @ 100 ° F (psi)		850
24 hrs @ 100 ° F (psi)		2250
72 hrs @ 100 ° F (psi)		3000

ACTUAL CEMENT VOLUMES MAY VARY BASED ON CALIPER.

Operator Name: Devon Energy Corp
Well Name: Strawberry 7 Fed Com #3
Job Description: Long String
Date: February 17, 2010

Proposal No: 215855013B

JOB AT A GLANCE

Depth (TVD)	10,200 ft
Depth (MD)	10,200 ft
Hole Size	8.5 in
Casing Size/Weight :	5 1/2 in, 17 lbs/ft
Pump Via	5 1/2" O.D. (4.892" .I.D) 17 #
Total Mix Water Required	17,676 gals
Stage No: 1	**Float Collar set @** 10,120 ft
Spacer	
Water	20 bbls
Density	8.3 ppg
Spacer	
Surebond III	40 bbls
Density	9.4 ppg
Spacer	
Water	10 bbls
Density	8.3 ppg
Cement Slurry	
Super C Modified	1,000 sacks
Density	13.3 ppg
Yield	1.56 cf/sack
Displacement	
Displacement Fluid	235 bbls

JOB AT A GLANCE (Continued)

Stage No: 2 **Stage Collar set @** 5,000 ft

Spacer	
Fresh Water	20 bbls
Density	8.3 ppg
Lead Slurry	
35:65 Poz:Class C	815 sacks
Density	12.5 ppg
Yield	2.04 cf/sack
Tail Slurry	
60:40 Poz:Class C	150 sacks
Density	13.8 ppg
Yield	1.38 cf/sack
Displacement	
Displacement Fluid	116 bbls

Operator Name: Devon Energy Corp
Well Name: Strawberry 7 Fed Com #3
Job Description: Long String
Date: February 17, 2010

Proposal No: 215855013B

WELL DATA

ANNULAR GEOMETRY

ANNULAR I.D. (in)	DEPTH(ft)	
	MEASURED	TRUE VERTICAL
8.921 CASING	2,200	2,200
8.500 HOLE	10,200	10,200

SUSPENDED PIPES

DIAMETER (in)		WEIGHT	DEPTH(ft)	
O.D.	I.D.	(lbs/ft)	MEASURED	TRUE VERTICAL
5.500	4.892	17	10,200	10,200

STAGE: 1

Float Collar set @	10,120 ft
Mud Density	9.50 ppg
Est. Static Temp.	162 ° F
Est. Circ. Temp.	139 ° F

VOLUME CALCULATIONS

5,200 ft	x	0.2291 cf/ft	with	30 % excess	=	1552.5 cf
80 ft	x	0.1305 cf/ft	with	0 % excess	=	10.4 cf (inside pipe)
				TOTAL SLURRY VOLUME	=	1562.9 cf
					=	279 bbls

STAGE: 2

Stage Collar set @	5,000 ft
Mud Density	9.50 ppg
Est. Static Temp.	120 ° F
Est. Circ. Temp.	105 ° F

VOLUME CALCULATIONS

2,200 ft	x	0.2691 cf/ft	with	0 % excess	=	592.0 cf
2,350 ft	x	0.2291 cf/ft	with	100 % excess	=	1076.4 cf
450 ft	x	0.2291 cf/ft	with	100 % excess	=	206.4 cf
				TOTAL SLURRY VOLUME	=	1874.8 cf
					=	334 bbls

Operator Name: Devon Energy Corp
Well Name: Strawberry 7 Fed Com #3
Job Description: Long String
Date: February 17, 2010

Proposal No: 215855013B

FLUID SPECIFICATIONS

STAGE NO.: 1

Spacer	20.0 bbls Water @ 8.34 ppg
Spacer	40.0 bbls Surebond III @ 9.35 ppg
Spacer	10.0 bbls Water @ 8.34 ppg

FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
Cement Slurry	1563	/ 1.56	= 1000 sacks (15:61:11) Poz (Fly Ash):Class C Cement:CSE-2 + 1% bwow Potassium Chloride + 0.75% bwoc EC-1 + 0.4% bwoc CD-32 + 3 lbs/sack LCM-1 + 0.6% bwoc FL-25 + 0.6% bwoc FL-52A + 72.4% Fresh Water
Displacement			235.3 bbls Displacement Fluid

CEMENT PROPERTIES

	SLURRY NO. 1
Slurry Weight (ppg)	13.30
Slurry Yield (cf/sack)	1.56
Amount of Mix Water (gps)	7.55
Estimated Pumping Time - 70 BC (HH:MM)	3:45
Free Water (mls) @ 139 ° F @ 90 ° angle	0.0
Fluid Loss (cc/30min) at 1000 psi and 139 ° F	50.0
COMPRESSIVE STRENGTH	
12 hrs @ 162 ° F (psi)	1200
24 hrs @ 162 ° F (psi)	2000
72 hrs @ 162 ° F (psi)	2500

Operator Name: Devon Energy Corp
Well Name: Strawberry 7 Fed Com #3
Job Description: Long String
Date: February 17, 2010

Proposal No: 215855013B

FLUID SPECIFICATIONS (Continued)

STAGE NO.: 2

Spacer				20.0 bbls Fresh Water @ 8.34 ppg
Lead Slurry	1668	/ 2.04	=	815 sacks (35:65) Poz (Fly Ash):Class C Cement + 5% bwow Sodium Chloride + 0.125 lbs/sack Cello Flake + 6% bwoc Bentonite + 0.25% bwoc FL-52A + 107.7% Fresh Water
Tail Slurry	206	/ 1.38	=	150 sacks (60:40) Poz (Fly Ash):Class C Cement + 5% bwow Sodium Chloride + 0.4% bwoc Sodium Metasilicate + 4% bwoc MPA-5 + 65.5% Fresh Water
Displacement				116.2 bbls Displacement Fluid

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2
Slurry Weight (ppg)	12.50	13.80
Slurry Yield (cf/sack)	2.04	1.38
Amount of Mix Water (gps)	11.24	6.44
Estimated Pumping Time - 70 BC (HH:MM)	4:00	2:30
Free Water (mls) @ ° F @ 90 ° angle		
Fluid Loss (cc/30min) at 1000 psi and ° F		
COMPRESSIVE STRENGTH		
12 hrs @ 112 ° F (psi)	300	
24 hrs @ 112 ° F (psi)	600	
72 hrs @ 112 ° F (psi)	850	
12 hrs @ 120 ° F (psi)		900
24 hrs @ 120 ° F (psi)		1800
72 hrs @ 120 ° F (psi)		2500

CEMENT VOLUMES WILL BE BASED ON CALIPER + 20% EXCESS.

BATCH MIX THE SUPER C MODIFIED CEMENT SLURRY IF FALCON CEMENT PUMP IS NOT AVAILABLE.

CONDITIONS OF APPROVAL

OPERATOR'S NAME:	**Devon Energy Production Co.**
LEASE NO.:	**NMNM-100561**
WELL NAME & NO.:	**Strawberry 7 Fed 3**
SURFACE HOLE FOOTAGE:	**330' FNL & 660' FWL**
LOCATION:	**Section 7, T. 19 S., R 31 E., NMPM**
COUNTY:	**Eddy County, New Mexico**

I. DRILLING

A. DRILLING OPERATIONS REQUIREMENTS

The BLM is to be notified a minimum of 4 hours in advance for a representative to witness:

a. Spudding well
b. Setting and/or Cementing of all casing strings
c. BOPE tests

☒ **Eddy County**
Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, (575) 361-2822

1. A Hydrogen Sulfide (H2S) Drilling Plan should be activated 500 feet prior to drilling into the **Yates** formation. **As a result, the Hydrogen Sulfide area must meet Onshore Order 6 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, please provide measured values and formations to the BLM.**

2. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

3. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.

4. **The record of the drilling rate along with the CAL/GR/N well log run from TD to surface will be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.**

B. CASING

Changes to the approved APD casing and cement program require submitting a sundry and receiving approval prior to work. Failure to obtain approval prior to work will result in an Incident of Non-Compliance being issued.

Centralizers required on surface casing per Onshore Order 2.III.B.1.f.

Wait on cement (WOC) time for a primary cement job will be a minimum 18 hours for a water basin, 24 hours in the potash area, or 500 pounds compressive strength, whichever is greater for all casing strings. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. See individual casing strings for details regarding lead cement slurry requirements.

No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.

Possible lost circulation in the Artesia Group and the Capitan Reef.
Possible water flows in the Artesia and Salado Groups.

1. The **13-3/8** inch surface casing shall be set **at approximately 560 feet (a minimum of 25 feet into the Rustler Anhydrite and above the salt)** and cemented to the surface.

    a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with a surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.

    b. Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry.

    c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.

d. If cement falls back, remedial cementing will be done prior to drilling out that string.

2. The minimum required fill of cement behind the **9-5/8** inch intermediate casing is: **Per R-111-P potash requirements, the salt protection string must be set a minimum of 100' below the salt and not more than 600' below the salt. Casing should be set in the Tansill formation at approximately 2200 feet.**

   ☒ Cement to surface. If cement does not circulate see B.1.a, c-d above. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to R-111-P potash. Per plan submitted, WOC will be greater than 24 hours.**

Fresh water mud to be used between 2200' and 7500'.

3. The minimum required fill of cement behind the **5-1/2** inch production casing is:

   a. First stage to DV tool, cement shall:

   ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office, before proceeding with second stage cement job.

   b. Second stage above DV tool, cement shall:

   ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office.

4. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.

5. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.

C. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.

2. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **2000 (2M)** psi.

a. **For surface casing only:** If the BOP/BOPE is to be tested against casing, the wait on cement (WOC) time for that casing is to be met (see WOC statement at start of casing section). Independent service company required.

3. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the **9-5/8** inch intermediate casing shoe shall be **5000(5M)** psi. **5M system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.**

4. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.

   a. Casing cut-off and BOP installation will not be initiated until the cement has had 4-6 hours of setup time in a water basin and 12 hours in the potash areas. This time will start after the cement plug is bumped. Testing the BOP/BOPE against a plug can commence after meeting the above conditions plus the BOP installation time.

   b. The tests shall be done by an independent service company utilizing a test plug.

   c. The results of the test shall be reported to the appropriate BLM office.

   d. All tests are required to be recorded on a calibrated test chart. **A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.**

   e. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug.

   f. **Effective November 1, 2008, no variances will be granted on reduced pressure tests on the surface casing and BOP/BOPE. Onshore Order 2 requirements will be in effect.**

D. DRILL STEM TEST

If drill stem tests are performed, Onshore Order 2.III.D shall be followed.

CRW 021910