

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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.***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. NMM22634
2. Name of Operator RKI EXPLORATION & PROD LLC		6. If Indian, Allottee or Tribe Name
Contact: HEATHER BREHM E-Mail: HBBREHM@RKIXP.COM		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 210 PARK AVE SUITE 900 OKLAHOMA CITY, OK 73102	3b. Phone No. (include area code) Ph: 405-996-5769 Fx: 405-996-5772	8. Well Name and No. EAST PECOS FEDERAL 22 3H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T26S R29E SWSW 0050FSL 0530FEL 32.011573 N Lat, 103.584372 W Lon		9. API Well No. 30-015-42285-00-X1
		10. Field and Pool, or Exploratory UNDESIGNATED
		11. County or Parish, and State EDDY 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"/> 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
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon <input type="checkbox"/> Change to Original APD
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> 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 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.)

****REPLACEMENT SUNDRY FOR EC TRANS NO. 265709****

RKI Exploration and Production seeks approval to change the permitted casing program on the subject well, which is scheduled to spud on 11/07/2014.

Summary of proposed changes:

Landing point: increased from 7,100 feet to 8,526 feet TVD.

Hole size change: curve and lateral will be drilled at 6 1/8 inch instead of 8 3/4 inch.

Casing change: Additional 7 inch casing string will be set near 7,738 feet and cemented 500 feet

NM OIL CONSERVATION
ARTESIA DISTRICT
NOV 17 2014
Accepted for record
NMOCDTES 11-17-2014
SEE ATTACHED FOR RECEIVED
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #276054 verified by the BLM Well Information System For RKI EXPLORATION & PROD LLC, sent to the Carlsbad Committed to AFMSS for processing by CHRISTOPHER WALLS on 11/05/2014 (15CRW0024SE)	
Name (Printed/Typed) HEATHER BREHM	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 11/04/2014
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	Title _____
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 _____
APPROVED NOV 7 2014 /s/ Chris Walls BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	

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 ****

Additional data for EC transaction #276054 that would not fit on the form

32. Additional remarks, continued

above 9 5/8 inch casing shoe. Production stage will be running a 4-1/2" production liner.

RKI Exploration & Production, LLC

Well East Pecos Federal 22-3H
 Location Surface: 50 FSL 530 FWL Section 22-26S-29E
 Bottom Hole: 230 FNL 330 FWL Section 22-26S-29E
 County Eddy
 State New Mexico

- 1) The elevation of the unprepared ground is 2,876 feet above sea level.
- 2) The geologic name of the surface formation is Quaternary - Alluvium.
- 3) A rotary rig will be utilized to drill the well to 13,212 feet and run casing and cement.
 This equipment will then be rigged down and the well will be completed with a workover rig.
- 4) Proposed depth is 13,212 feet MD

5) Estimated tops:

	TVD	MD	
Rustler	300	300	
Salado	700	700	
Castile	2,500	2,500	BHP = .44 psi/ft x depth
Lamar Lime	2,807	2,807	1,100 psi
Delaware Top	3,153	3,153	1,235 psi
Bell Canyon Sand	3,537	3,537	1,387 psi
Cherry Canyon Sand	3,891	3,894	1,556 psi
Bone Spring	6,635	6,641	1,712 psi
Bone Spring 1st Sand	7,335	7,341	2,919 psi
KOP	7,883	7,889	3,227 psi
Bone Spring 2nd Lime	8,346	8,421	3,469 psi
Landing Point (2nd Bone Spring)	8,526	8,902	3,672 psi
TD	8,426	13,212	3,751 psi
			3,707 psi

6) Casing program: ALL NEW CASING

Hole Size	Top	Bottom	OD Csg	Wt/Grade	Connection	Collapse Design Factor	Burst Design Factor	Tension Design Factor
17 1/2"	0	375	13 3/8"	54.5#/J-55	ST&C		6.85	33.09
12 1/4"	0	2,800	9 5/8"	40#/J-55	LT&C	1.64	6.41	25.15
8 3/4"	0	7,739	7"	29#/P-110	LT&C	1.82	1.99	4.64
6 1/8"	7,589	13,212	4 1/2"	11.6# HCP-110	BT&C	1.49	2.14	4.19
Collapse	1.125							12.22
Burst	1.0							
Tension	2.0							

7) Cement program:

Surface	17 1/2" hole					
Pipe OD	13 3/8"					
Setting Depth	375 ft					
Annular Volume	0.69462 cf/ft					
Excess	1			100 %		
Lead	298 sx	1.75 cf/sk		9.13 gal/sk	13.5 ppg	
Tail	200 sx	1.33 cf/sk		6.32 gal/sk	14.8 ppg	
Lead: "C" + 4% PF20 (gel) + 2% PF1 (CC) + .125 pps PF29 (CelloFlake) + .4 pps PF46 (antifoam)						
Tail: "C" + 1% PF1 (CC)						
Top of cement:		Surface				
Intermediate	12 1/4" hole					
Pipe OD	9 5/8"					
Setting Depth	2,800 ft					
Annular Volume	0.31318 cf/ft			0.3627 cf/ft		
Excess	0.5			50 %		
Lead	561 sx	1.92 cf/sk		9.95 gal/sk	12.6 ppg	
Tail	200 sx	1.33 cf/sk		6.32 gal/sk	14.8 ppg	
Lead: 35/65 Poz "C" + 5% PF44 + 6% PF20 + 1% PF1 - .125 pps PF29 + .4 pps PF46 + 3 pps PF42						
Tail: "C" + .2% PF13 (retarder)						
Top of cement:		Surface				

Intermediate	8 3/4" hole				
Pipe OD	7"				
Setting Depth	7,739 ft				
Annular Volume	0.15033 cf/ft	0.1585 cf/ft	500 ft		
Excess	0.35	35 %			
DV Tool Depth	5500 ft				
Stage 1					
Lead:	307 sx	1.48 cf/sk	7.58 gal/sk	13.0 ppg	
Lead: PVL + 1.3% PF44 + 5% PF174 + .5% PF606 + .35% PF813 + .1% PF153 + .4 pps PF46					
Top of cement:		DV tool			
Stage 2					
Lead:	223 sx	1.89 cf/sk	10.06 gal/sk	12.9 ppg	
Tail:	175 sx	1.33 cf/sk	6.32 gal/sk	14.8 ppg	
Lead: 35/65 Poz "C" + 5% PF44 + 6% PF20 + .2% PF13 + .125 ps PF29 + .4 pps PF46					
Tail: "C" + .2% PF13					
Top of cement:		2,300 ft			
Production	6 1/8" hole				
Pipe OD	4 1/2"				
Setting Depth	13,212 ft				
Annular Volume	0.0942				
Excess	0.32				
Lead:	374 sx	1.87 cf/sk	9.52 gal/sk	13.0 ppg	
Lead: AcidSolid PVL + 5% PF174 + .7% PF606 + .2% PF153 + 30% PF151 + .4 pps PF46					
Top of cement:		7,589 ft			

8) Pressure control equipment:

The blowout preventer equipment (BOP) shown in Exhibit #1 will consist of a double ram type (3,000 psi WP) preventer, a bag-type annular preventer (3,000 psi WP), and rotating head. Both units will be hydraulically operated and the ram type preventer will be equipped with blind rams on top and pipe rams (sized to accommodate the drill pipe size being utilized) on bottom. A 13 3/8" SOW x 13 5/8" 5M casing head will be installed on the 13 3/8" casing and utilized until total depth is reached. All BOP and associated equipment will be tested to 3,000 psi and the annular will be tested to 1,500 psi after setting each casing string. The 13 3/8" and 9 5/8" casing will be tested to .22 psi per ft of casing string length or 1,500 psi whichever is greater, but not to exceed 70% of the minimum yield.

Pipe rams will be operated and checked each 24 hour period and each time the drill string is out of the hole. These function test will be documented on the daily driller's log.

A drilling spool or blowout preventer with 2 side outlets (choke side shall be 3" minimum diameter, kill side shall be at least 2" diameter).

2 kill line valves, one of which will be a check valve.

2 chokes on the manifold along with a pressure gauge.

Upper kelly cock valve with handle available.

Safety valve and subs to fit all drill string connections in use.

All BOP equipment connections subjected to pressure will be flanged, welded, or clamped.

Fill up line above the upper most preventer.

9) Mud program:

Top	Bottom	Mud Wt.	Vis	PV	YP	Fluid Loss	Type System
0	375	8.5 to 8.9	32 to 36	1 - 6	1 - 6	NC	Fresh Water
375	2,800	9.8 to 10.0	28 to 30	1 - 3	1 - 3	NC	Brine
2,800	7,739	8.9 to 9.1	28 to 36	1 - 3	1 - 3	NC	Fresh Water
7,739	13,212	8.9 to 9.1	28 to 36	1 - 3	1 - 3	N/A	Fresh Water

10) Logging, coring, and testing program:

No drill stem test are planned

KOP to intermediate: CNL, Caliper, GR, DLL,

Intermediate to surface: CNL, GR

No coring is planned

11) Potential hazards:

No abnormal pressure or temperature is expected. No H2S is known to exist in the area.

Lost circulation can occur in, lost circulation will be on location and readily available if needed.

12) Anticipated start date

ASAP

Duration

25 days

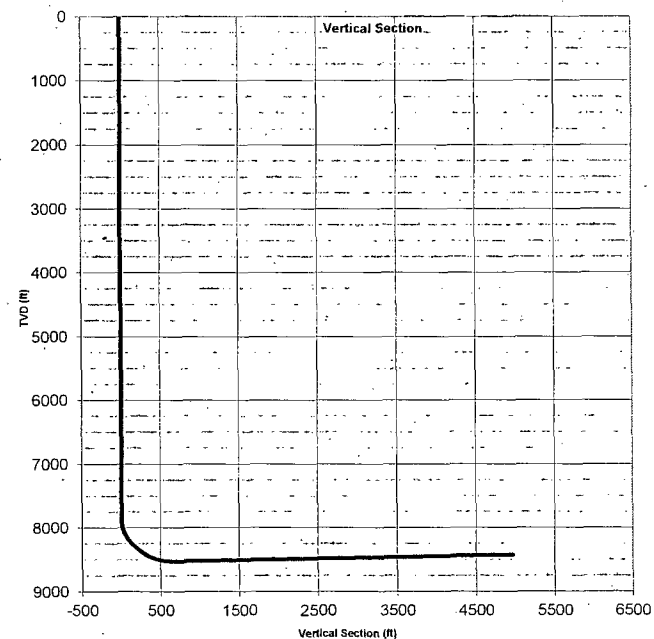
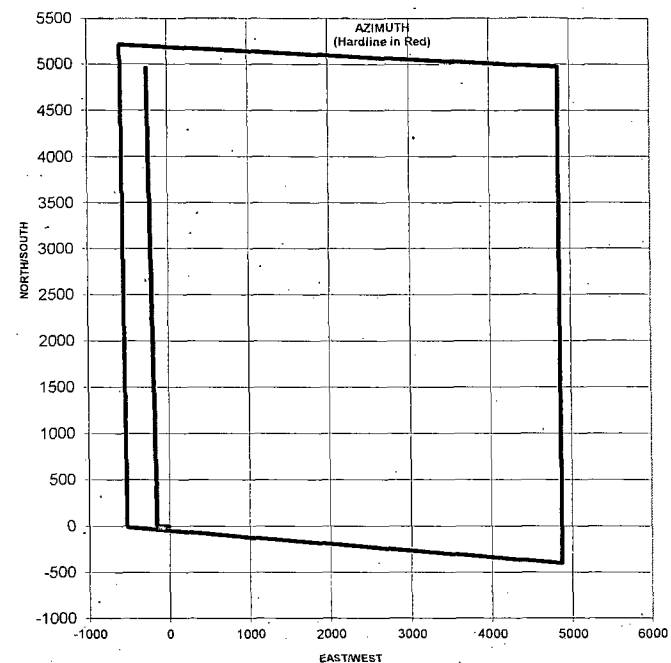
RKI EXPLORATION

RIG:

WELL: East Pecos Fed 22-3H
LOCATION: 50' FSL & 500' FWL 22-26S-29E
BHL: 230' FNL & 330' FWL 22-26S-29E

Target Direction: 357.07 deg
North/South Hard Line:
East/West Hard Line:

STATION NUMBER	SURVEY DEPTH	INC	AZMTH	TVD	N-S	E-W	VERT. SECTION	DLS/100
Tie-In								
	1000.0			1000				
	2000.0			2000				
9-5/8" Csg	2800.0			2800				
	2900.0			2900				
	3000.0	2.0	270.0	3000	0	-2	0	2.0
	3100.0	4.0	270.0	3100	0	-7	0	2.0
	3150.0	5.1	270.0	3150	0	-11	1	2.1
	3500.0	5.1	270.0	3498	0	-42	2	
Cherry Cyn	3894.0	5.1	270.0	3891	0	-77	4	
	4000.0	5.1	270.0	3996	0	-86	4	
	4500.0	5.1	270.0	4494	0	-130	7	
	4600.0	5.1	270.0	4594	0	-139	7	
	4650.0	4.0	270.0	4644	0	-143	7	2.1
	4750.0	2.0	270.0	4744	0	-148	8	2.0
	4850.0		270.0	4844	0	-150	8	2.0
	4900.0			4894	0	-150	8	
	5000.0			4994	0	-150	8	
Getty	5399.0			5393	0	-150	8	
Cougar	5603.0			5597	0	-150	8	
Tide	5744.0			5738	0	-150	8	
Kingrea	5819.0			5813	0	-150	8	
MWJ	5951.0			5945	0	-150	8	
	6000.0			5994	0	-150	8	
BS Lime	6641.0			6635	0	-150	8	
Pink Marker	7022.0			7016	0	-150	8	
Red Marker	7311.0			7305	0	-150	8	
	7500.0			7494	0	-150	8	
BS SS1	7341.0			7335	0	-150	8	
	7500.0			7494	0	-150	8	
KOP	7889.0		358.8	7883	0	-150	8	
BS Lime 2	7971.0	8.2	358.8	7964	6	-150	14	10.0
	7989.0	10.0	358.8	7982	9	-150	16	10.0
	8089.0	20.0	358.8	8079	35	-150	42	10.0
	8189.0	30.0	358.8	8169	77	-151	84	10.0
	8289.0	40.0	358.8	8251	134	-153	142	10.0
	8339.0	45.0	358.8	8288	168	-153	175	10.0
BS SS2	8421.6	45.0	358.8	8346	226	-154	234	
	8439.0	45.0	358.8	8359	238	-155	246	
	8489.0	50.0	358.8	8392	275	-156	283	10.0
	8589.0	60.0	358.8	8450	357	-157	365	10.0
	8689.0	70.0	358.8	8492	448	-159	455	10.0
	8789.0	80.0	358.8	8518	544	-161	552	10.0
	8889.0	90.0	358.8	8526	644	-163	651	10.0
EOC	8902.4	91.3	358.8	8526	657	-164	664	10.0
	9500.0	91.3	358.8	8512	1254	-176	1262	
	10000.0	91.3	358.8	8501	1754	-186	1761	
	11000.0	91.3	358.8	8477	2753	-207	2760	
	12000.0	91.3	358.8	8454	3753	-228	3760	
	13000.0	91.3	358.8	8430	4753	-249	4759	
TD	13209.0	91.3	358.8	8426	4961	-254	4968	



CONDITIONS OF APPROVAL

OPERATOR'S NAME:	RKI Exploration & Production, LLC
LEASE NO.:	NMNM-22634
WELL NAME & NO.:	East Pecos Federal 22-3H
SURFACE HOLE FOOTAGE:	0050' FSL & 0530' FWL
BOTTOM HOLE FOOTAGE:	0230' FNL & 0330' FWL
LOCATION:	Section 22, T. 26 S., R 29 E., NMPM
COUNTY:	Eddy County, New Mexico

A. DRILLING OPERATIONS REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

☒ **Eddy County**

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

1. A Hydrogen Sulfide (H₂S) Drilling Plan shall be activated 500 feet prior to drilling into the **Delaware** 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. **If the drilling rig is removed without approval – an Incident of Non-Compliance will be written and will be a “Major” violation.**
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 is located, this does not include the dog house or stairway area.
4. **The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well – vertical portion of hole) shall 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 program need prior approval if the items substituted are of lesser grade or different casing size. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.).

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

Wait on cement (WOC) time prior to drilling out 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. DURING THIS WOC TIME, NO DRILL PIPE, ETC. SHALL BE RUN IN THE HOLE. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. IF OPERATOR DOES NOT HAVE THE WELL SPECIFIC CEMENT DETAILS ONSITE PRIOR TO PUMPING THE CEMENT FOR EACH CASING STRING, THE WOC WILL BE 30 HOURS. 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.

High Cave/Karst

Possibility of water flows in the Salado and Castile.

Possibility of lost circulation in the Delaware.

1. The 13-3/8 inch surface casing shall be set at approximately 375 feet (a minimum of 25 feet into the Rustler Anhydrite and above the salt) and cemented to the surface. If salt is encountered, set casing at least 25 feet above the salt. Fresh water mud to setting depth.
 - 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 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, which shall be set at approximately **2800** feet, is:

- ☒ 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 cave/karst.**

If 75% or greater lost circulation occurs while drilling the intermediate casing hole, the cement on the production casing must come to surface.

3. The minimum required fill of cement behind the 7 inch production casing is:

Operator has proposed DV tool at depth of 5500'. Operator is to submit sundry if DV tool depth varies by more than 100' from approved depth.

- a. First stage to DV tool:

- ☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve approved top of cement on the next stage.

- b. Second stage above DV tool:

- ☒ Cement should tie-back at least 300 feet into previous casing string. Operator shall provide method of verification.

Centralizers required on horizontal leg, must be type for horizontal service and a minimum of one every other joint.

4. The minimum required fill of cement behind the **4-1/2** inch production liner is:

- ☒ Cement should tie-back to the top of the liner. Operator shall provide method of verification.

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.

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. **Operator has proposed a multi-bowl wellhead assembly that has a weld on head with no o-ring seals. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 3000 (3M) psi.**
 - a. **Wellhead manufacturer is supplying the test plug/retrieval tool for the operator's third party tester to use during the BOP/BOPE test. Operator shall use the supplied test plug/retrieval tool.**
 - b. **Operator shall install the wear bushing required by the wellhead manufacturer. This wear bushing shall be installed by using the test plug/retrieval tool.**
 - c. **Wellhead manufacturer representative shall be on location when the intermediate casing mandrel is landed. Operator shall submit copy of manufacturer's wellsite report with subsequent report.**
 - d. **Operator shall perform the intermediate casing integrity test to 70 % of the casing burst. This will test the multi-bowl seals.**
 - e. **If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.**
3. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
 - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
 - b. The tests shall be done by an independent service company utilizing a test plug **not a cup or J-packer.**

- c. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
- d. The results of the test shall be reported to the appropriate BLM office.
- e. 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.**
- f. 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. This test shall be performed prior to the test at full stack pressure.

D. DRILL STEM TEST

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

E. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area.

Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

CRW 110714