Form 3160-5 (August 2007)

UNITED STATES	
DEPARTMENT OF THE INTER	IOR
BUREAU OF LAND MANAGEME	ENT

FORM APPROVED

OMB N	O. 1004-0135
Expires:	July 31, 2010
Serial No	

Lease Serial No.		
NMNM 118727	1226	21

OCD Hobbs

	NOTICES AND REPOR			NMNM 118727	122621
Do not use the abandoned we	is form for proposals to II. Use form 3160-3 (APD	drill or to re-enter an o) for such proposals.		6. If Indian, Allottee of	
SUBMIT IN TRI	PLICATE - Other instruc	tions on reverse side.		7. If Unit or CA/Agree	ement, Name and/or No.
Type of Well	ner			8. Well Name and No. WHIRLING WIND	14 FED COM 701H 🗸
2. Name of Operator EOG RESOURCES, INC.		STAN WAGNER er@eogresources.com		9. API Well No. 30-025-42886	1
3a. Address P.O. BOX 2267 MIDLAND, TX 79702		3b. Phone No. (include area code Ph: 432-686-3689	000	10. Field and Pool, or WC-025 G-09 S	
4. Location of Well (Footage, Sec., T	C., R., M., or Survey Description)			11. County or Parish,	and State
Sec 14 T26S R33E NENE 4F	NL 556FEL	MAY 0 5	2016	LEA COUNTY,	NM
		DECE	MED		
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE NATURE OF		EPORT, OR OTHE	R DATA
TYPE OF SUBMISSION		TYPE O	OF ACTION		
	Acidize	Deepen	☐ Producti	on (Start/Resume)	☐ Water Shut-Off
■ Notice of Intent	☐ Alter Casing	☐ Fracture Treat	☐ Reclama	ation ,	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	□ Recomp	lete	☑ Other
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Tempor	arily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water D	isposal	TD
13. Describe Proposed or Completed Op If the proposal is to deepen direction. Attach the Bond under which the wo following completion of the involved testing has been completed. Final Al determined that the site is ready for f EOG Resources requests an design.	ally or recomplete horizontally, and will be performed or provide a operations. If the operation responded many many many many many many many many	give subsurface locations and meas the Bond No. on file with BLM/BL ults in a multiple completion or rec d only after all requirements, inclu	sured and true ve A. Required sub completion in a rading reclamation	rtical depths of all pertin sequent reports shall be ew interval, a Form 316 i, have been completed,	nent markers and zones. filed within 30 days 60-4 shall be filed once
New casing design details atta	ached.				

For EOG RESOURCES, INC., sent to the Hobbs Committed to AFMSS for processing by KENNETH RENNICK on 04/14/2016 () Name (Printed/Typed) STAN WAGNER **REGULATORY ANALYST** Date 04/08/2016 Signature (Electronic Submission) THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By 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.

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.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Office





Relevant for Whirling Wind 14 Fed Com 7014

Sundry NOI - Casing Change - Thor 21 Fed Com 703H & 704H

Steve Munsell <steve_munsell@eogresources.com></steve_munsell@eogresources.com>	Wed, Mar 30, 2016 at 9:27 AM
To: "Rennick, Kenneth" < krennick@blm.gov>, Stan Wagner < Stan_Wagner	er@eogresources.com>
Cc: Bruce Coit <bruce coit@eogresources.com=""></bruce>	

Kenneth,

We will resubmit and change the anticipated mud weight range to 10.0 to 11.5 ppg. Normally we drill these laterals with mud weights ranging from 9.5 to 11.5 ppg. Almost always we get it done with 10.5 ppg or less.

So the 11.5 ppg maximum anticipated MW keeps us below the 5000 psi shut in surface pressure scenario.

I'm very comfortable with this. All of our rigs are equipped with 10,000 psi BOPs and chokes. The only piece of equipment that is not rated for 10,000 psi is the annular BOP.

Also we have all rigs equipped with two sets of pipe rams and one set of blinds (single BOP, mud cross, dual BOP, annular).

Thanks for your help.

>>>Munsell

From: Rennick, Kenneth [mailto:krennick@blm.gov]

Sent: Wednesday, March 30, 2016 9:59 AM

To: Stan Wagner < Stan Wagner@eogresources.com>

Cc: Bruce Coit <Bruce Coit@eogresources.com>; Steve Munsell <Steve Munsell@eogresources.com>

Subject: Re: Sundry NOI - Casing Change - Thor 21 Fed Com 703H & 704H

** External email. Use caution. **

Hello Gentlemen,

[Quoted text hidden]
[Quoted text hidden]

MAY 0 5 2016

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Rustler	900'
Top of Salt	1,255
Base of Salt / Top Anhydrite	4,920'
Base Anhydrite	5,160'
Lamar	5,160'
Bell Canyon	5,187
Cherry Canyon	6,250
Brushy Canyon	7,898
Bone Spring Lime	9,360'
1 st Bone Spring Sand	10,275
2 nd Bone Spring Lime	10,470°
2 nd Bone Spring Sand	10,805
3 rd Bone Spring Carb	11,155
3 rd Bone Spring Sand	11,905
Wolfcamp	12,330°
TD	12,550°

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Upper Permian Sands	0-400	Fresh Water
Cherry Canyon	6,250	Oil
Brushy Canyon	7,898	Oil
1st Bone Spring Sand	10,275	Oil
2 nd Bone Spring Lime	10,470	Oil
2 nd Bone Spring Sand	11,805	Oil
3 rd Bone Spring Carb	11,155	Oil
3 rd Bone Spring Sand	11,905	Oil
Wolfcamp	12,330°	Oil

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 10.75" casing at 925' and circulating cement back to surface.

4. CASING PROGRAM - NEW SEE COA

990

Hole Size	Interval	Csg OD	Weight	Grade	Conn	DF _{min} Collapse	DF _{min} Burst	DF _{min} Tension
14.75"	0 - 925	10.75"	40.5#	J55	STC	1.125	1.25	1.60
9.875"	0-8,000'	7.625"	29.7#	HCP-110	LTC	1.125	1.25	1.60
8.75"	8,000' - 10,900'	7.625"	29.7#	HCP-110	Ultra FJ	1.125	1.25	1.60
6.75"	0'-19,962'	5.5"	23#	HCP-110	ULT SFII	1.125	1.25	1.60

Variance is requested to wave the centralizer requirements for the 7-5/8" FJ casing in the 8-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 8-3/4" hole interval to maximize cement bond and zonal isolation. Centralizers will be placed in the 9-7/8" hole interval at least one every third joint.

Variance is also requested to wave any centralizer requirements for the 5-1/2" FJ casing in the 6-3/4" hole size. An expansion additive will be utilized, in the cement slurry, for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

Cementing Program:

Depth	No. Sacks	Wt.	Yld Ft³/ft	Mix Water Gal/sk	Slurry Description
10-3/4" 925	325	13.5	1.73	9.13	Class C + 4.0% Bentonite + 0.6% CD-32 + 0.5% CaCl ₂ + 0.25 lb/sk Cello-Flake (TOC @ Surface)
990	200	14.8	1.34	6.34	Class C + 0.6% FL-62 + 0.25 lb/sk Cello-Flake + 0.2% Sodium Metasilicate
7-5/8" 10,900°	750	9.0	2.50	9.06	Class C + 0.6% ASM-3 + 0.15% CDF-4P + 0.6% LTR + 0.5% SCA-6 + 0.13 pps LCL-11 + 0.13 pps LDP-c-0215
	500	12.5	1.71	9.06	Class C + 0.6% LTR + 0.5% SCA-6 + 0.6% ASM-3 + 0.15% CDF-4P + 0.13% LCL-11 + 0.13% LCF-7
	250	15.6	1.19	5.20	Class H + 0.2% ASM-3 + 0.3% SCA-6 + 0.65% LTR + 0.3% SPC-2
5-1/2" 19,962	725	14.1	1.26	5.80	Class H + 0.1% C-20 + 0.05% CSA-1000 + 0.20% C-49 + 0.40% C-17

Note: Cement volumes based on bit size plus at least 25% excess in the open hole plus 10% excess in the cased-hole overlap section.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:



Variance is requested to use a co-flex line between the BOP and choke manifold (instead of using a 4" OD steel line).

The minimum blowout preventer equipment (BOPE) shown in Exhibit #1 will consist of a single ram, mud cross and double ram-type (10,000 psi WP) preventer and an annular preventer (5000-psi WP). Both units will be hydraulically operated and the ram-type will be equipped with blind rams on bottom and drill pipe rams on top. All BOPE will be tested in accordance with Onshore Oil & Gas order No. 2.

Before drilling out of the surface casing, the ram-type BOP and accessory equipment will be tested to 5000/250 psig and the annular preventer to 5000/250 psig. The surface casing will be tested to 1500 psi for 30 minutes.

Before drilling out of the intermediate casing, the ram-type BOP and accessory equipment will be tested to 5000/250 psig and the annular preventer to 5000/250 psig. The intermediate casing will be tested to 2000 psi for 30 minutes.

Pipe rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets.

A hydraulically operated choke will be installed prior to drilling out of the intermediate casing shoe.

6. TYPES AND CHARACTERISTICS OF THE PROPOSED MUD SYSTEM:

During this procedure we plan to use a Closed-Loop System and haul contents to the required disposal.

The applicable depths and properties of the drilling fluid systems are as follows.



Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 - 925	Fresh - Gel	8.6-8.8	28-34	N/c
92 5' – 10,900'	Brine	8.8-10.0	28-34	N/c
10,900' - 19,962'	Oil Base	10.0-11.5	58-68	3 - 6
Lateral				

An electronic pit volume totalizer (PVT) will be utilized on the circulating system, to monitor pit volume, flow rate, pump pressure and stroke rate.

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept at the wellsite at all times.

7. AUXILIARY WELL CONTROL AND MONITORING EQUIPMENT:

- (A) A kelly cock will be kept in the drill string at all times.
- (B) A full opening drill pipe-stabbing valve (inside BOP) with proper drill pipe connections will be on the rig floor at all times.
- (C) H₂S monitoring and detection equipment will be utilized from surface casing point to TD.

8. LOGGING, TESTING AND CORING PROGRAM:

Open-hole logs are not planned for this well.

GR-CCL Will be run in cased hole during completions phase of operations.

9. ABNORMAL CONDITIONS, PRESSURES, TEMPERATURES AND POTENTIAL HAZARDS:

The estimated bottom-hole temperature (BHT) at TD is 182 degrees F with an estimated maximum bottom-hole pressure (BHP) at TD of 7504 psig. No hydrogen sulfide or other hazardous gases or fluids have been encountered, reported or are known to exist at this depth in this area. Severe loss circulation is expected from 7,300' to Intermediate casing point.

10. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

The drilling operation should be finished in approximately one month. If the well is productive, an additional 60-90 days will be required for completion and testing before a decision is made to install permanent facilities.

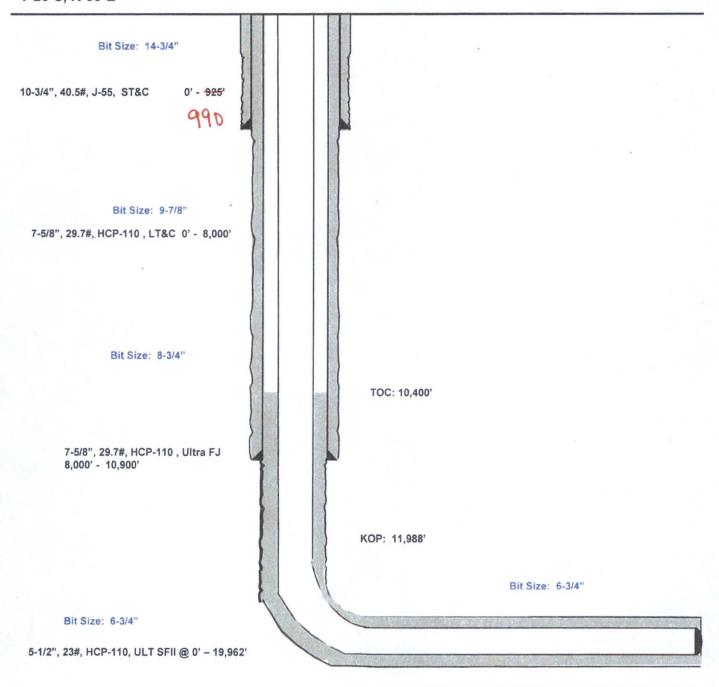
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Whirling Wind 14 Fed Com #701H

4' FNL 556' FEL Section 14 T-26-S, R-33-E Lea County, New Mexico Proposed Wellbore Revised 4/7/16 API: 30-025-42886

KB: 3,370' GL: 3,340'



Lateral: 19,962' MD, 12,550' TVD Upper Most Perf: 330' FSL & 350' FEL Sec. 11 Lower Most Perf: 2308' FSL & 330' FEL Sec 2 BH Location: 2408' FSL & 330' FEL

Section 2 T-26-S, R-33-E

PERFORMANCE DATA

Technical Data Sheet TMK UP ULTRATH FJ

29.70 lbs/ft

7.625 in

P110 HC - EVRAZ

psi sql lbs isd

110,000 125,000

1,067,000 939,000

9.420

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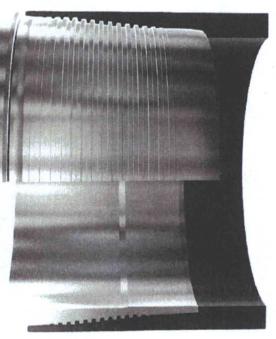
Size	7,625	E E	Minimum Yield
Nominal Weight	29.70	lbs/ft	Minimum Tensife
Grade	10 HC - EVRAZ	RAZ	Yield Load
PE Weight	29.04	lbs/ft	Tensile Load
Wall Thickness	0.375	Ξ	Min. Internal Yield Pressure
Nominal ID	6.875	E	Collapse Pressure
Drift Diameter	6,750	Ξ.	
Nom Pipe Body Area	8 541	1112	



Connection Parameters

Connection OD	7.625	-
Connection ID	6 881	-
Make-Up Loss	4 022	
Critical Section Area	5.316	
Tension Efficiency	62.2	***************************************
Compression Efficiency	62.2	
Yield Load In Tension	584,000	_
Min Internal Yield Pressure	9,470	-
Collapse Pressure	7.610	diverse on
Uniaxial Bending	41	0

Min Make-Up Torque	17,700	ft-lbs
Opt. Make-Up Torque	19,700	ft-lbs
Max. Make-Up Torque	21,700	ft-lbs
Yield Torque	31,500	ft-lbs



100 ft isd isd SQI

PREMIUM CONNECTIONS PERFORMANCE DATA

Size 5.500

NomWt 23.0

Grade P-110 HC

TMK UP ULTRATM

23.0lbs/ft 5.500in

P-110 HC

Technical Data Sheet

SFII

Tubular Parameters			
Size	5.500	Ë	-
Nominal Weight	23.0	Ibs/ft	-
Grade	P-110 HC		_
PE Weight	22.54	lbs/ft	_
Wall Thickness	0.415	<u>:</u>	_
Nominal ID	4.670	<u>=</u>	_
Drift Diameter	4.545	Ξ	
Nom. Pipe Body Area	6.630	in	

000.01	125,000	729,000	828,000	re 14,500	15,110
Minimum Yield	Minimum Tensile	Yield Load	Tensile Load	Min. Internal Yield Pressure	Collapse Pressure

psi psi lbs psi psi



5.726	4.626	5.653	5.817	85%	73%	621,000	14,500	15,110	78		15,500	16,300	18,700	24 800
Connection OD	Connection ID	Make - Up Loss	Critical Section Area	Efficiency - Tension	Efficiency - Compression	Yield Load In Tension	Min. Internal Yield Pressure	Collapse Pressure	Uniaxial Bending	Make-Up Torques	Min. Make-Up Torque	Optimum Make-Up Torque	Max. Make-Up Torque	Yield Torque
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psi

bsi

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ft-lbs ft-lbs ft-lbs



Whirling Wind 14 Fed Com 701H 30-025-42886 EOG Resources, Inc Surface Location: Sec. 14, T. 26S, R. 33E Conditions of Approval

HOBBS OCD

MAY 0 5 2016

RECEIVED

See below for the changes in the Conditions of Approval for the Drilling Section.

DRILLING

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)
- 1. Although Hydrogen Sulfide has not been reported in the area, it is always a potential hazard. It is recommended that monitoring equipment be onsite for potential Hydrogen Sulfide. If H2S is detected in concentrations greater than 100 ppm, the Hydrogen Sulfide area shall meet Onshore Order 6 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, report measured amounts 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 or are Non-API. 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.).

The initial wellhead installed on the well will remain on the well with spools used as needed.

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

Wait on cement (WOC) for Water Basin:

After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. 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. Have well specific cement details onsite prior to pumping the cement for each casing string.

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

Risks:

Possibility of Water Flows in the Castile and in the Salado
Possibility of Lost Circulation in the Rustler, in the Red Beds and in the Delaware
Abnormal pressures may be encountered upon penetrating the 3rd Bone Spring
Sandstones and all subsequent formations.

- 1. The 10 3/4 inch surface casing shall be set at approximately 990 feet (in a competent bed below the Magenta Dolomite, which is a Member of the Rustler, and if salt is encountered, set casing at least 25 feet 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 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.

Formation below the 10 3/4 inch shoe to be tested according to Onshore Order 2.III.B.1.i. Test to be done as a mud equivalency test using the mud weight necessary for the pore pressure of the formation below the shoe (not the mud weight required to prevent dissolving the salt formation) and the mud weight for the bottom of the hole. Report results to BLM office.

- 2. The minimum required fill of cement behind the 7 5/8 inch intermediate casing is:
 - Cement to surface. If cement does not circulate see B.1.a, c-d above.

Formation below the 7 5/8 inch shoe to be tested according to Onshore Order 2.III.B.1.i. Test to be done as a mud equivalency test using the mud weight necessary for the pore pressure of the formation below the shoe (not the mud weight required to prevent dissolving the salt formation) and the mud weight for the bottom of the hole. Report results to BLM office.

Variance is granted for centralizers in the production interval per the drilling program.

- 3. The minimum required fill of cement behind the 5 1/2 inch production casing is:
 - Cement should tie-back at least 500 feet into previous casing string. Operator shall provide method of verification. Additional cement may be required since excess was calculated to be 13%.
- 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 53.
- 2. Variance approved to use flex line from BOP to choke manifold. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor. If the BLM inspector questions the straightness of the hose, a BLM engineer will be contacted and will review in the field or via picture supplied by inspector to determine if changes are required (operator shall expect delays if this occurs).
- 3. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface 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. 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.
 - g. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the 3rd Bone Spring Sandstone if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.

D. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the 3rd Bone Spring Sandstone and Wolfcamp formation, and shall be used until production casing is run and cemented.

Proposed mud weight may not be adequate for drilling through 3rd Bone Spring Sandstone and Wolfcamp.

E. DRILL STEM TEST

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

F. 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.

KGR 04142016