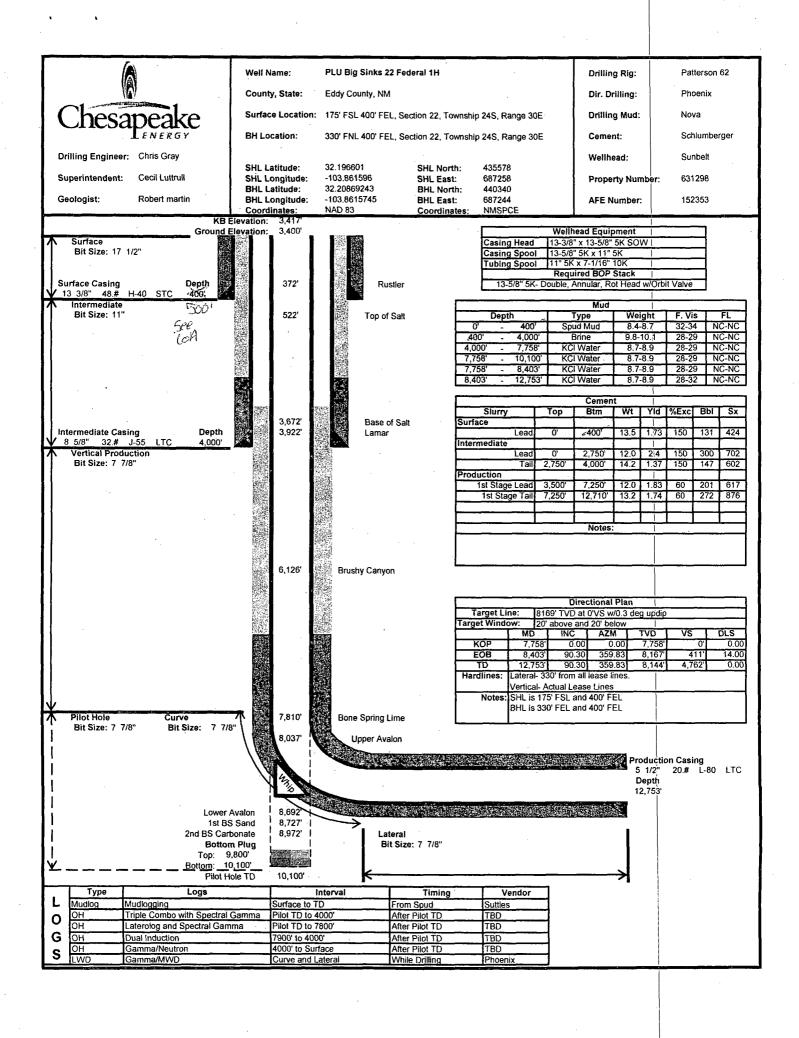
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

- 1		NMNM	02862			
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Г	6.	If Indian.	, Allotte	e or Tr	ibe Na	me

SUNDRY Do not use the abandoned we	rtesi a	6. If Indian, A	862	ibe Name				
SUBMIT IN TRI		7. If Unit or C NMNM71	A/Agreemer 016X	nt, Name and/or No.				
Type of Well		8. Well Name and No.						
Oil Well Gas Well Oth		PLU BIG S	INKS 22 F	EDERAL 1H				
Name of Operator CHESAPEAKE OPERATING		9. API Well No. 30-015-37838-00-X1						
3a. Address		3b. Phone No. (include area code) Ph: 405-935-4275				Field and Pool, or Exploratory UNDESIGNATED		
OKLAHOMA CITY, OK 73154 4. Location of Well (Footage, Sec., 7					II. County or	Dorich and	State	
Sec 22 T24S R30E SESE Lot		0			EDDY CO			
12. CHECK APPI	ROPRIATE BOX(ES) TO) INDICATE	NATURE OF	F NOTICE, R	EPORT, OR (THER C)ATA	
TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTION							
Notice of Intent	□ Acidize	□ Deep	pen	□ Produc	tion (Start/Resu	me) [Water Shut-Off	
_	☐ Alter Casing	_	ture Treat	□ Reclam	ation		Well Integrity	
☐ Subsequent Report	☐ Casing Repair	_	Construction	□ Recom	Recomplete		Other Change to Origina	
☐ Final Abandonment Notice	☐ Change Plans	□ Plug	and Abandon		☐ Temporarily Abandon		Zhange to Origina PD	
	Convert to Injection	□ Plug	, Back	□ Water I	Disposal			
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 Chris Walls Chesapeake, respectfully, recover changed our 9-5/8? casin depths to reflect an updated a spud to confirm our formation	operations. If the operation repandonment Notices shall be fil inal inspection.) quests permission to make g (12-1/4? hole) to 8-5/8? issessment from geology.	sults in a multipled only after all e the following casing (11? We will hav	e completion or requirements, including changes to the hole). We also a mudlogger	ecompletion in a luding reclamation the casing proson changed so	new interval, a Fe on, have been con	orm 3160-4 npleted, and	shall be filed once	
We need to have an approved which could happen as early a	co dias	tam)						
SEE ATTACHED FOR						" REC		
	CONDITIO			ΛŢ		DEC	02 2010	
14. Thereby certify that the foregoing is		98127 verifie KE OPERATI	by the BLM W	/ell Information the Carlsbad	1 1	NMOC	D ARTESIA	
Name (Printed/Typed) LINDA GO		essing by No			Y COMPLIANO			
			·					
Signature (Electronic S			Date 11/24		DOVED			
,	THIS SPACE FO	OR FEDERA	L OR STATI	E OFFICE U	SEUVLU	1		
Approved By (BLM Approver Not	· · · · · · · · · · · · · · · · · · ·	Title	NOV	2 6 2010		Date 11/26/2		
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conditions.	uitable title to those rights in th uct operations thereon.	e subject lease		DABUREAU OF	ris Walls LAND MANAGE	IVIEINI		
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent					make to any dopai	timent or ag	ency of the United	



PECOS DISTRICT CONDITIONS OF APPROVAL

OPERATOR'S NAME:

Chesapeake Operating, Inc.

LEASE NO.:

NMNM02862

WELL NAME & NO.:

PLU Big Sinks 22 Federal Com 1H

SURFACE HOLE FOOTAGE: BOTTOM HOLE FOOTAGE

175' FSL & 400' FEL 330' FNL & 400' FEL

LOCATION:

Section 22, T. 24 S., R 30 E., NMPM

COUNTY:

Eddy County, New Mexico

A. 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 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. 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.

Medium cave/karst

Possible lost circulation in the Delaware Mountain and Bone Spring Groups

- 1. The 13-3/8 inch surface casing shall be set at approximately 500 feet (a minimum of 25 feet into the Rustler Anhydrite and above the salt) and cemented to the surface. If the salt is encountered at a shallower depth, the casing must be set 25 feet above the top of the salt.
 - 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 8-5/8 inch intermediate casing is:
 - Cement to surface. If cement does not circulate see B.1.a, c-d above. Casing to be set in the Lamar Limestone. 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.

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

- 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.
- 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.

CRW 112610