

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

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.

5. Lease Serial No.
NMNM 013074

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
CHESAPEAKE OPERATING, INC.

ATTN: LINDA GOOD

3a. Address
P. O. BOX 18496
OKLAHOMA CITY, OK 73154-0496

3b. Phone No. (include area code)
405-767-4275

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

8. Well Name and No.
MOSAIC 34 FEDERAL 1

9. API Well No.
30-015-35118

10. Field and Pool or Exploratory Area
UNDESIGNATED WILLOW LAKE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

330 FSL & 2310 FWL, SESW, SECTION 34, T24S, R28E

11. Country or Parish, State
EDDY COUNTY, NEW MEXICO

12. CHECK THE 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 checked="" 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 <u>Change to Original</u>
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>APD</u>
	<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 must 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 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.)

Chesapeake, respectfully, request permission to change the casing program per the attached wellbore schematic. Chesapeake permitted this horizontal well to have 650' of 8 5/8" surface casing, and wants to increase this casing size to 13 3/8" with a 17 1/2" hole size @ 650' and then drill 11" hole w/8 5/8" casing to 2600', then resume with the drilling plan to drill 7 7/8" hole to TD.

Cementing to be as per attached diagram.

(CHK PN 611681)

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)
LINDA GOOD

Title FEDERAL REGULATORY ANALYST

Signature

Linda Good

Date 03/23/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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.

APPROVED

MAR 26 2007

Wesley Ingram
WESLEY W. INGRAM
PETROLEUM ENGINEER

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)

Well : Mosaic 34 Federal 1H
Field : SE Eddy Project – Willow Lake Prospect
County : Eddy State : NM
Surf Locat : Section 34-24S-28E, 330' FSL & 2310' FWL
BH Locat : Section 34-24S-28E, 330' FSL & 330' FWL (Hard Line)
KB Elev : 3000' (2999.9' actual) Grd Elev : 3018' (based on est. 18' KB)



Wellhead Equipment

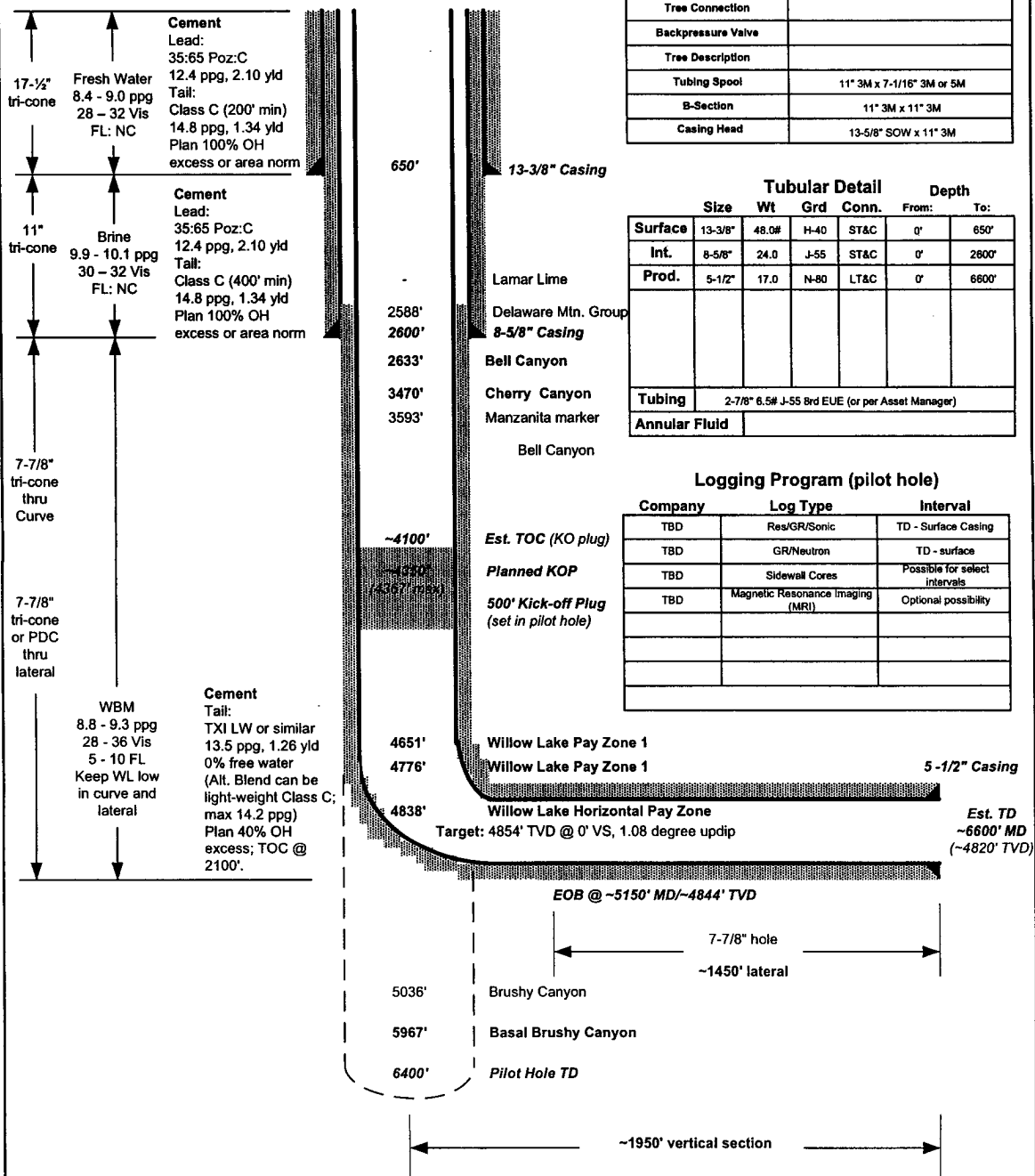
Tree Connection	
Backpressure Valve	
Tree Description	
Tubing Spool	11" 3M x 7-1/16" 3M or 5M
B-Section	11" 3M x 11" 3M
Casing Head	13-5/8" SOW x 11" 3M

Tubular Detail

	Size	Wt	Grd	Conn.	From:	To:
Surface	13-3/8"	48.0#	H-40	ST&C	0'	650'
Int.	8-5/8"	24.0	J-55	ST&C	0'	2600'
Prod.	5-1/2"	17.0	N-80	LT&C	0'	6600'
Tubing	2-7/8" 6.5# J-55 8rd EUE (or per Asset Manager)					
Annular Fluid						

Logging Program (pilot hole)

Company	Log Type	Interval
TBD	Res/GR/Sonic	TD - Surface Casing
TBD	GR/Neutron	TD - surface
TBD	Sidewall Cores	Possible for select intervals
TBD	Magnetic Resonance Imaging (MRI)	Optional possibility



Note: All Depths are TVD unless otherwise indicated

Drawn by:
R. L. Patterson

Date:
3/17/07

Revised by:

Date: