

## Energy, Minerals and Natural Resources

## Oil Conservation Division

**1220 S. St Francis Dr.**

**Santa Fe, NM 87505**

## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CHESAPEAKE OPERATING, INC. P. O. BOX 18496 OKLAHOMA CITY, OK 731540496		2. OGRID Number 147179
		3. API Number 30-025-37844
4. Property Code 35626	5. Property Name TRINITY BURRUS ABO UNIT	6. Well No. 010

## 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	22	12S	38E	I	2135	S	1300	E	LEA

## 8. Pool Information

TRINITY;WOLFCAMP	59890
------------------	-------

### Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3802
14. Multiple N	15. Proposed Depth	16. Formation Wolfcamp	17. Contractor	18. Spud Date 5/6/2006
Depth to Ground water 35		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mls thick      Clay <input type="checkbox"/> Pit Volume:      bbls      Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water      Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

## 19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	430	386	0
Int1	11	8.625	32	4500	1400	0
Prod	7.875	5.5	17	9200	1125	4000

**Casing/Cement Program: Additional Comments**

13 3/8" Lead: 286 sx Cl. C + 2% Calcium Chl + 4% Bentonite; Tail w/100 sx Cl. C + 2% Cal. Ch.; 8 5/8" Lead 1200 sx Poz Cl. C + .25 pps Cello Flake + 10% Bentonite + 5% bwoc Sodium Ch., Tail 200 sx Cl. C + 1% bwoc CaCl<sub>2</sub>; 5 1/2" Lead 825 sx Poz Cl. C + 0.7% bwoc FL-25 + 0.3% bwoc Sodium Metasilicate + 0.7% bwoc FL-52A, Tail 300 sx Cl. H Est. TOC 4000

### Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	
DoubleRam	3000	3000	

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by Brenda Coffman		Approved By: Chris Williams	
Title: Regulatory Analyst		Title: District Supervisor	
Email Address: bcoffman@chkenergy.com		Approved Date: 4/27/2006   Expiration Date: 4/27/2007	
Date: 4/26/2006	Phone: 432-685-4310	Conditions of Approval Attached	

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(505) 393-6161 Fax:(505) 393-0720

**District II**  
 1301 W. Grand Ave., Artesia, NM 88210  
 Phone:(505) 748-1283 Fax:(505) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
 Permit 28512

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-37844	2. Pool Code 59890	3. Pool Name TRINITY;WOLFCAMP
4. Property Code 35626	5. Property Name TRINITY BURRUS ABO UNIT	6. Well No. 010
7. OGRID No. 147179	8. Operator Name CHESAPEAKE OPERATING, INC.	9. Elevation 3802

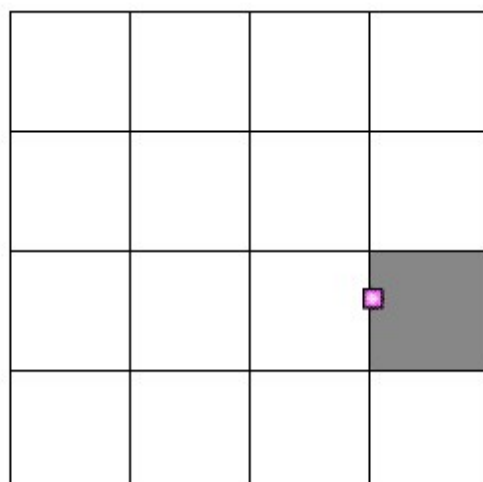
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	22	12S	38E		2135	S	1300	E	LEA

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00		13. Joint or Infill		14. Consolidation Code		15. Order No.			

**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**



**OPERATOR CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location(s) or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

E-Signed By: Brenda Coffman  
 Title: Regulatory Analyst  
 Date: 4/26/2006

**SURVEYOR CERTIFICATION**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.*

Surveyed By: Gary Eidson  
 Date of Survey: 4/6/2006  
 Certificate Number: 12641

## Permit Comments

Operator: CHESAPEAKE OPERATING, INC. , 147179

Well: TRINITY BURRUS ABO UNIT #010

API: 30-025-37844

Created By	Comment	Comment Date
BSCOFFMAN	The Burrus #4 hole was lost and this is a replacement well. We changed the name to TBU #10 to reflect the Trinity Burrus Water Flood Unit that has been approved and will come into effect May 1.	4/26/2006

# Permit Conditions of Approval

Operator: CHESAPEAKE OPERATING, INC. , 147179

Well: TRINITY BURRUS ABO UNIT #010

API: 30-025-37844

OCD Reviewer	Condition
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
DMULL	Waterflood, R-12496, Standard Location.