## State of New Mexico

Form C-101 Permit 42515

## **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

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1.	Operator Name and Address	2. OGRID Number
CHESA	PEAKE OPERATING, INC.	147179
OKI ≬H	P. O. BOX 18496 OMA CITY , OK 731540496	3. API Number
OKLAII	OWA 0111, OK 731340490	30-025-38187
4. Property Code	5. Property Name	6. Well No.
36174	LAWRENCE 29	001

## 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	29	16S	37E	P	690	S	573	E	LEA

## 8. Pool Information

LOVINGTON:	UPPER PENN, NORTHEAST	40760
povingron,	OFFER FEMM, NORTHEAST	40700

## **Additional Well Information**

				111	
9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type Private	13. Ground Level Elevation 3796	
14. Montriple N	15. Proposed Depth	16. Formation Strawn	17. Contractor	18. Spud Date 12/15/2006	
Depth to Ground 44	water	Distance from nearest fresh water	Distance to nearest surface water		
it: Liner: Synthetic [ Closed Loop System	mils thick	Clay Pit Volume: bbls		Diesel/Oil-based Gas/Air	

19. Proposed Casing and Cement Program

					-	
Туре	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	450	400	0
Int1	11	8.625	32	4650	1030	0
Prod	7.875	5.5	17	11500	955	4150

## Casing/Cement Program: Additional Comments

13 3/8" csg. Lead 300 sx Cl. C + 2% CaCl2 + 4% gel. Tail 100 sx Cl. C 2% CaCl2; 8 5/8" Lead 900 sx 50:50 Poz:C + 5% caCl2 + 10% gel, Tail 130 sx Cl. C + 1% CaCl2; 5 1/2" Stage 1, 425 sx LW Blend Stage 2, Lead 380 sx 50:50 Poz:H, Tail 150 sx CL. H

Proposed Blowout Prevention Program

0.1		Troposed Bloneder	c.c.c.	
3	Туре	Working Pressure	Test Pressure	Manufacturer
	Annular	5000	5000	
Г	DoubleRam	5000	5000	8

of my knowledge and belief.	given above is true and complete to the best pit will be constructed according to	OIL CONSERVATION DIVISION				
	l permit , or an (attached) alternative	Approved By: Chris Williams				
Printed Name: Electronically	filed by Brenda Coffman	Title: District Supervisor				
Title: Regulatory Analyst		Approved Date: 12/5/2006	Expiration Date: 12/5/2007			
Email Address: bcoffman@c	hkenergy.com					
Date: 11/29/2006	Phone: 432-685-4310	Conditions of Approval Attac	hed			

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

Form C-102 Permit 42515

## Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

10707					
1. API Number	2. Pool Code	ool Name			
30-025-38187	40760 LOVINGTON; UPPER PENN, NORTH				
4. Property Code	5. Prope	6. Well No.			
36174	LAWRI	001			
7. OGRID No.	8. Opera	9. Elevation			
147179	CHESAPEAKE OPERATING, INC. 3796				

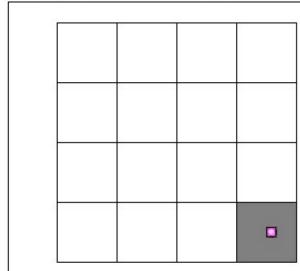
## 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	29	16S	37E		690	S	573	E	LEA

## 11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Т	ownship	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
1075170	cated Acres		13. 1	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: 11/29/2006

## 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: Ronald J Eidson Date of Survey: 9/20/2006 Certificate Number: 3239

# Permit Conditions of Approval Operator: CHESAPEAKE OPERATING, INC., 147179 Well: LAWRENCE 29 #001

API: 30-025-38187

OCD Reviewer	Condition
IDMULL	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