#### State of New Mexico

Form C-101 Permit 34200

#### **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		
OVIAN	P.O.BOX 18496 OMA CITY, OK 731540496	3. API Number		
OKLAI	OWA OTT T, OK 751540490	30-025-38025		
4. Property Code	5. Property Name	6. Well No.		
35616	LE 35 STATE	002		

#### 7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	35	16S	37E	I	2255	S	898	E	LEA

#### 8. Pool Information

SHIPP:STRAWN	55695
pilit pitatiiti	1 22025

#### **Additional Well Information**

	561			<u> </u>			(Tel	
9. Work Type New Well	2003	10. Well Type OIL		11. Cable/Rotary			13. Ground Level Elevation 3768	
14. Mühtiple N	15. Prop	osed Depth	16. Formation Strawn			17. Contractor	18. Spud Date 8/10/2006	
Depth to Ground water 35			Distance from nearest fresh water well				Distance to nearest surface water	
Pit: Liner: Synthetic Closed Loop System	_ X	mils thick	Clay Pit Vo	obume:		lling Method: sh Water Brine 1	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	400	356	0
Int1	11	8.625	32	4950	1127	0
Prod	7.875	5.5	17	11725	710	4500

#### Casing/Cement Program: Additional Comments

Surf. Csg.: Lead 156 sx (35:65) Poz C + 6% D20 Bentonite + 5% D44 Salt + 0.25 pps D29 Celloflake; tail w/200 sx Poz C + 2% D20 Bentonite + 2% S1 14.8 ppg 1.27 yld. Inter. Csg.: Lead 927 sx (50:50) Poz C + 10% D20 Bentonite + 5% D44 Salt + 0.2% D46 AF + 0.25 pps D29 Celloflake Tail 200 sx Poz C + 2% D20 Bentonite + 2% S1 CaCl2Circ. Prod. Csg.: Lead 585 sx (50:50) Poz H + 10% D20 Bentonite + 5% D44 Salt + 0.2% D112 FLAC + 0.2% D46 Antifoam + 0.25 pps D29 Celloflake, Tail 125 sx PVL + 0.3% D112 FLAC + 0.35% D65 TIC + 0.25% B155 Retarder + 0.2% D46 AF 13.0 ppg, 1.37 yld. TOC 4500

Proposed Blowout Prevention Program

Туре	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	OIL CONSERVATION DIVISION				
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Paul Kautz				
Printed Name: Electronically filed by Brenda Coffman	Title: Geologist				
Title: Regulatory Analyst	Approved Date: 7/26/2006 Expiration Date: 7/26/2007				
Email Address: bcoffman@chkenergy.com					
Date: 7/14/2006 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

<u>District II</u>

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 34200

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

Santa Fe, NM 87505

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3	. Pool Name
30-025-38025	55695	PP;STRAWN	
4. Property Code	5. Property Name		6. Well No.
35616	LE 35 STA	TE	002
7. OGRID No.	8. Operator N	ame	9. Elevation
147179	CHESAPEAKE OPER	3768	

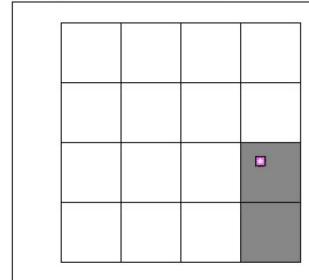
#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	35	16S	37E		2255	S	898	E	LEA

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

UL - Lot	Section	T	ownship	Range	Lot	Idn	Feet From	N/S Line		Feet From	E/W Line	County
0.7556.755	ated Acres		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: 7/14/2006

#### 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 G Eidson Date of Survey: 3/20/2006 Certificate Number: 12641

## **Permit Comments**

Operator: CHESAPEAKE OPERATING, INC., 147179
Well: LE 35 STATE #002

API: 30-025-38025

Created By	Comment	Comment Date
pkautz	Requires NSL before APD can be approved	7/17/2006

# Permit Conditions of Approval Operator: CHESAPEAKE OPERATING, INC., 147179 Well: LE 35 STATE #002

API: 30-025-38025

OCD Reviewer	Condition
DMULL	Will require administrative order for non-standard location
pkautz	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	NSL-5420, 07/11/06, Shipp Strawn, 80 acres, E/2SE/4.