

**State of New Mexico**  
**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 30-025-37853
4. Property Code 35616	5. Property Name LE 35 STATE	6. Well No. 001

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	35	16S	37E	E	1879	N	978	W	LEA

**8. Pool Information**

CASEY,STRAWN	10310
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**Additional Well Information**

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3767
14. Multiple N	15. Proposed Depth	16. Formation Strawn	17. Contractor	18. Spud Date 5/15/2006
Depth to Ground water 35		Distance from nearest fresh water well		Distance to nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> mils thick    Clay <input type="checkbox"/> Pit Volume:      bbls    Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> 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	400	370	0
Int1	11	8.625	32	4950	1025	0
Prod	7.875	5.5	17	11725	805	4500

**Casing/Cement Program: Additional Comments**

13 3/8" csg. Lead 170 sx Halli Lt Prem Plus, Tail 200 sx Prem Plus; 8 5/8" csg. 825 sx Interfill C, Tail 200 sx Prem Plus; 5 1/2" Lead 660 sx Interfill H, Tail 145 sx Super H

**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. <b>I further certify that the drilling pit will be constructed according to NMOCB guidelines</b> <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCB-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Brenda Coffman Title: Regulatory Analyst Email Address: bcoffman@chkenergy.com Date: 4/20/2006      Phone: 432-685-4310	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 5/3/2006	Expiration Date: 5/3/2007
	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

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Form C-102  
 Permit 28081

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-025-37853	2. Pool Code 10310	3. Pool Name CASEY;STRAWN
4. Property Code 35616	5. Property Name LE 35 STATE	6. Well No. 001
7. OGRID No. 147179	8. Operator Name CHESAPEAKE OPERATING, INC.	9. Elevation 3767

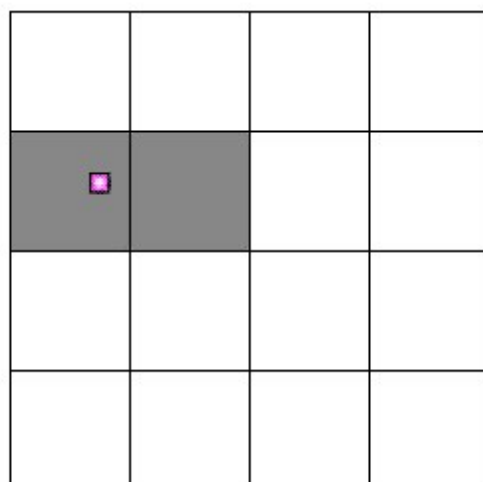
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
E	35	16S	37E		1879	N	978	W	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 80.00		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: 4/20/2006

**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: 3/20/2006  
 Certificate Number: 12641

# Permit Conditions of Approval

Operator: CHESAPEAKE OPERATING, INC. , 147179

Well: LE 35 STATE #001

API: 30-025-37853

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-5371, 04/15/06, 1879/N & 978/W, Strawn, S/2NW/4, 80 acres.