

DATE IN <u>6-9-10</u>	SUSPENSE	ENGINEER <u>DB-</u>	LOGGED IN <u>6-9-10</u>	TYPE <u>NSL</u>	PTG-W APP NO. <u>1016048039</u>
-----------------------	----------	---------------------	-------------------------	-----------------	------------------------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
 - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



*Chesapeake*  
*coolsey 26 Feb 1H*  
 6213

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A]  Location - Spacing Unit - Simultaneous Dedication  
 NSL  NSP  SD

Check One Only for [B] or [C]

- [B]  Commingling - Storage - Measurement  
 DHC  CTB  PLC  PC  OLS  OLM

- [C]  Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR

[D] Other: Specify \_\_\_\_\_

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Ocean Munds-Dry Ocean Munds-Dry Attorney 6-8-10  
 Print or Type Name Signature Title Date  
omundsdry@hollandhart.com  
 e-mail Address

JUN - 8 P 11:32  
 RECEIVED OOD

June 8, 2010

**HAND-DELIVERED**

Mark E. Fesmire, P.E.  
Director  
Oil Conservation Division  
New Mexico Department of Energy,  
Minerals and Natural Resources  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

**Re: Application of Chesapeake Operating, Inc. for administrative approval of an unorthodox well location for its Cooksey "26" Federal Com Well No. 1H to be drilled from a surface location and penetration point 150 feet from the South line and 2330 feet from the East line of Section 23 and a bottomhole location 330 feet from the South line and 2270 feet from the East line of Section 26, Township 25 South, Range 27 East, NMPM, Eddy County, New Mexico.**

Dear Mr. Fesmire:

Chesapeake Operating, Inc. ("Chesapeake") hereby seeks administrative approval pursuant to the provisions of Division Rules 19.15.15.13 and 19.15.16.14 for an unorthodox well location for its Cooksey "26" Federal Com Well No. 1H. This well is located in Sections 23 and 26, Township 25 South, Range 27 East, N.M.P.M., Eddy County, New Mexico and is to be drilled in the Bone Spring formation at a surface location and a penetration point 150 feet from the South line and 2330 feet from the East line of Section 23 and a bottomhole location 330 feet from the South line and 2270 feet from the East line of Section 26, Eddy County, New Mexico. A 160-acre project area has been dedicated to this horizontal well comprised of the W/2 E/2 of Section 26.

This location is unorthodox because the Bone Spring formation under this acreage is governed by the Division's statewide rules which provide for wells on 40-acre spacing units to be located no closer than 330 feet to the outer boundary of the spacing unit. Division Rule 19.15.16.14 defines the "Penetration Point" as "the point where the wellbore penetrates the top of the pool from which it is intended to produce." The wellbore penetrates the Bone Spring formation at a point 150 feet from the South line of Section 23 which is outside of the Project Area and Producing Area and is therefore closer than allowed by Division rules.

**Holland & Hart LLP**

Phone [505] 988-4421 Fax [505] 983-6043 [www.hollandhart.com](http://www.hollandhart.com)

110 North Guadalupe Suite 1 Santa Fe, NM 87501 Mailing Address P.O. Box 2208 Santa Fe, NM 87504-2208

Denver Aspen Boulder Colorado Springs Denver Tech Center Billings Boise Cheyenne Jackson Hole Las Vegas Salt Lake City Santa Fe Washington, D.C. 

HOLLAND & HART LLP



Although the wellbore penetrates the top of the Bone Spring at an unorthodox location, the well will be at a standard location at the producing interval. Chesapeake is targeting the Upper Avalon Shale at 6263 (TVD) feet. Therefore, once Chesapeake reaches the targeted formation, it will be at a standard location in Unit B of Section 26 and accordingly within the Producing Area for the well.

Exhibit A is a plat showing the location of the well. This location is encroaching on Section 26 which is operated by Chesapeake. Working interest ownership is common and therefore no notice is required.

Exhibit B is the C-102 for this well.

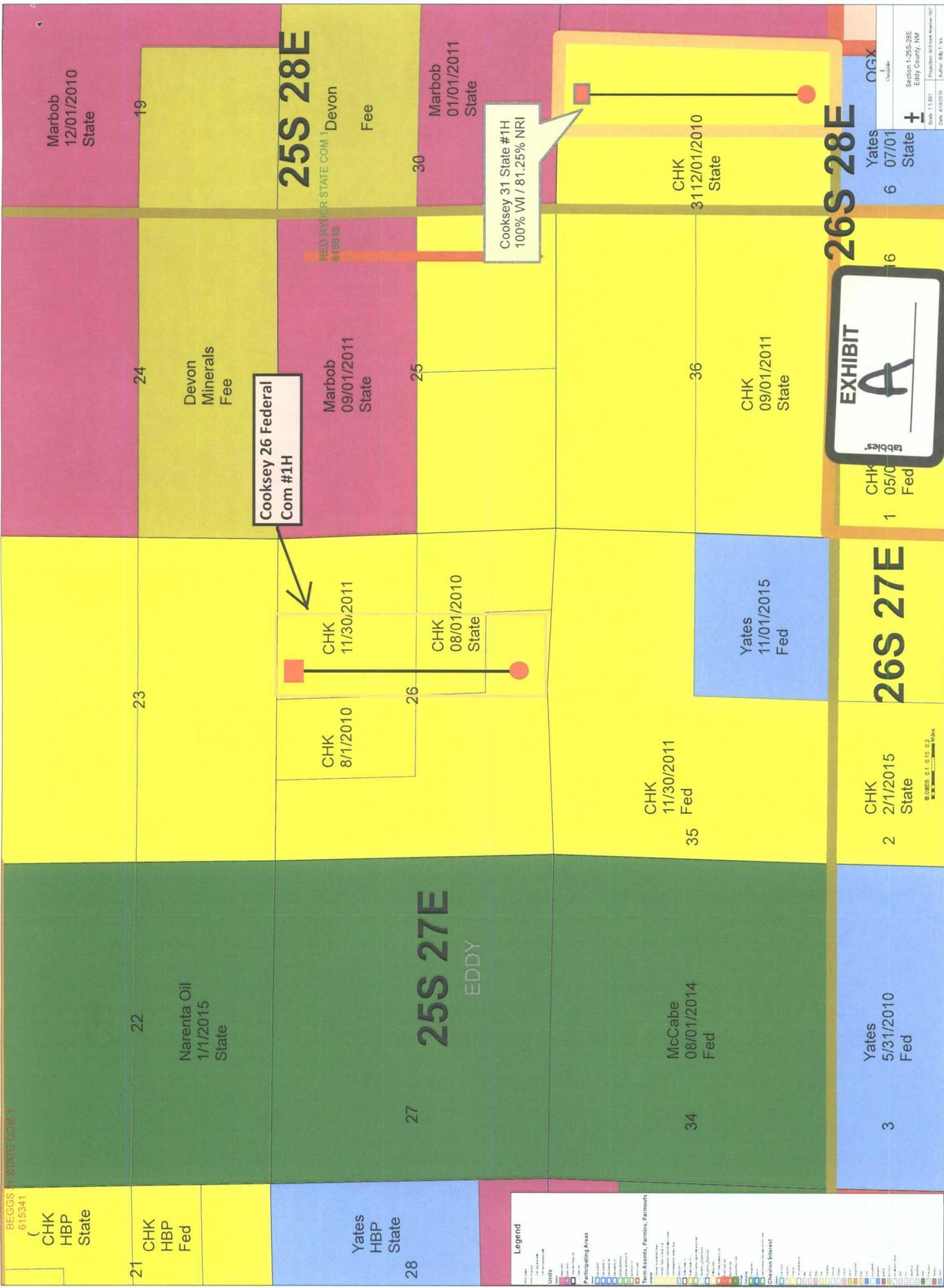
Your attention to this application is appreciated.

Sincerely,

Ocean Munds-Dry  
ATTORNEY FOR  
CHESAPEAKE OPERATING, INC.

Enclosures

cc: OCD District Office



Cooksey 26 Federal Com #1H

Cooksey 31 State #1H 100% WI / 81.25% NRI



25S 28E

OGX	1
Yates	6
State	±
Section 1-25S-28E	
Eddy County, NM	
Scale: 1:3,961	
Projection: GCS North American 1983	
Unit: Feet	
Author: B&B T, VS	

26S 27E

CHK	1
Yates	6
State	±
Section 1-26S-27E	
Eddy County, NM	
Scale: 1:3,961	
Projection: GCS North American 1983	
Unit: Feet	
Author: B&B T, VS	

26S 28E

CHK	1
Yates	6
State	±
Section 1-26S-28E	
Eddy County, NM	
Scale: 1:3,961	
Projection: GCS North American 1983	
Unit: Feet	
Author: B&B T, VS	

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 15, 2009

Submit one copy to appropriate  
District Office

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

*under*  
 AMENDED REPORT  
*N 7th & Hollow*

API Number	Pool Code	Pool Name Wildcat; Bone Spring
Property Code	Property Name COOKSEY "26" FEDERAL COM	Well Number 1H
OGRID No. 147179	Operator Name CHESAPEAKE OPERATING CO.	Elevation 3063'

Surface Location

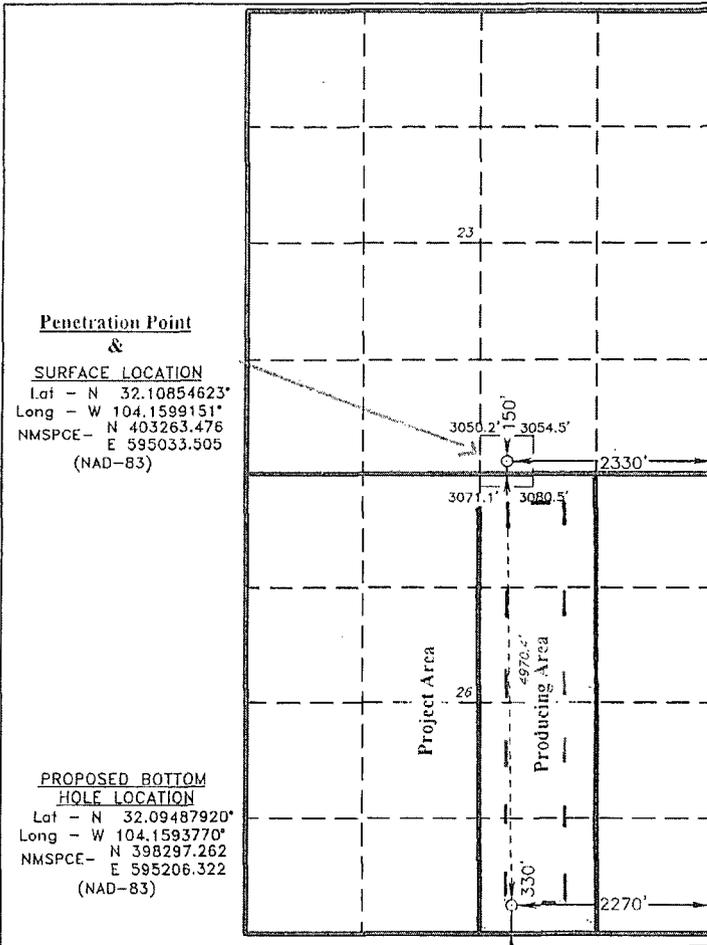
Ul. or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	23	25 S	27 E		150	SOUTH	2330	EAST	EDDY

Bottom Hole Location If Different From Surface

Ul. or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	26	25 S	27 E		330	SOUTH	2270	EAST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	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 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.

*Bryan Arrant* 06/08/2010  
Signature Date

Bryan Arrant  
Printed Name

---

**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.

Date Surveyed  
Signature & Seal of Professional Surveyor  
7977

*Gary L. Jones*  
Professional Surveyor

Certificate No. Gary L. Jones 7977

BASIN SURVEYS

