

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 30-025-38956
4. Property Code 301487	5. Property Name LANGLEY GREER	6. Well No. 004

7. Surface Location

UL - Lot E	Section 21	Township 22S	Range 36E	Lot Idn E	Feet From 2175	N/S Line N	Feet From 710	E/W Line W	County LEA
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8. Pool Information

LANGLEY,STRAWN	37090
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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 3539
14. Multiple N	15. Proposed Depth	16. Formation Strawn	17. Contractor	18. Spud Date
Depth to Ground water 160	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 <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	410	0
Int1	11	8.625	32	4500	1180	0
Prod	7.875	5.5	17	9800	750	3696

Casing/Cement Program: Additional Comments

Surface hole will be drilled w/fresh water mud to protect ground water. A detailed drilling program & NMOCD's form C-144 is e-mailed seperately. Steel pits will be used in the drilling of this well and cuttings will be hauled to an approved NMOCD land farm.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	5000	

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 NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Brenda Coffman Title: Sr. Regulatory Comp. Spec. Email Address: bcoffman@chkenergy.com Date: 5/29/2008 Phone: 817-556-5825	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 5/29/2008	Expiration Date: 5/29/2010
	Conditions of Approval Attached	

State of New Mexico

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

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

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code 37090	Pool Name Langley; Strawn
Property Code	Property Name LANGLEY GREER	Well Number 4
OGRID No. 147179	Operator Name CHESPEAKE OPERATING, INC.	Elevation 3539'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	21	22-S	36-E		2175	NORTH	710	WEST	LEA

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

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Ed Birdshead</i> 5/15/08 Signature Date</p> <p>Ed Birdshead Printed Name</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p>
	<p>Date Surveyed: MAY 17 2005</p> <p>Signature & Seal of Professional Surveyor: <i>Ronald J. Eidson</i></p>
	<p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>

Permit Comments

Operator: CHESAPEAKE OPERATING, INC. , 147179

Well: LANGLEY GREER #004

API: 30-025-38956

Created By	Comment	Comment Date
busterrant	C-102 plat is attached. A H2S well contingency plan is not required as this area does not fall under NMOCD's Rule 118 requirements.	5/29/2008
busterrant	Additional well information is submitted seperately by e mail.	5/29/2008
pkautz	see conditions of approval for hole # 2.	5/29/2008

Permit Conditions of Approval

Operator: CHESAPEAKE OPERATING, INC. , 147179

Well: LANGLEY GREER #004

API: 30-025-38956

OCD Reviewer	Condition
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
pkautz	on hole 2. Option 1: must use fresh water mud down to Rustler then change over to a brine mud or option 2: set surface at top of rustler.