State of New Mexico

Form C-101 Permit 113059

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. Oper	ator Name and Address	2. OGRID Number		
	CHESAPEAKE OPERATING, INC.			
26654100000000000000000000000000000000000	O. BOX 18496 IA CITY , OK 731540496	3. API Number		
ORLINION	30-015-37804			
4. Property Code	5. Property Name	6. Well No.		
38145	HAYHURST 23 STATE COM	001H		

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	23	25S	27E	0	100	S	2270	E	EDDY

8. Pool Information

WILDCAT: BONE SPRING 96

Additional Well Information

	93	IZUUITIDZUI II CI		
9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	y 12. Lease Type State	13. Ground Level Elevation 3065
14. Multiple N	15. Proposed Dep 10992	th 16. Formatio Bone Sprin	(a)	18. Spud Date
Depth to Ground	water	t fresh water well	Distance to nearest surface water	
it: Liner: Synthetic Closed Loop Syste	mils th	ick Clay Pit Volume:	bbls Drilling Method: Fresh Water X Brine	Diesel/Oil-based Gas/Air

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	700	760	0
Int1	12.25	9.625	40	2300	894	0
Prod	8.75	5.5	20	10992	1944	1800

Casing/Cement Program: Additional Comments

NMOCD's form C-102, C-144(CLEZ) pit permit, directional survey planning report, proposed drilling program and BOP schematic will be submitted by UPS. There are no high levels of H2S in this area. However, monitoring of H2S and readiness will be utilized in the drilling of this well. Will require a NSL. Application is for drill only.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3500	
Blind	5000	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	OIL CONSERVATION DIVISION Approved By: Jacqueta Reeves			
NMOCD guidelines, a general permit, or an (attached) alternative OCD-approved plan.				
Printed Name: Electronically filed by Bryan Arrant	Title: District Geologist			
Title: Sr. Regulatory Compliance Specialist	Approved Date: 5/12/2010	Expiration Date: 5/12/2012		
Email Address: bryan.arrant@chk.com	11 3 A - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Date: 4/28/2010 Phone: 405-935-3782				

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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WELL LOCATION AND ACREAGE DEDICATION PLAT

***	LLL LOCATION AND ACID	AGE DEDICATION	ILAI	
1. API Number	2. Pool Code 3. 1		. Pool Name	
30-015-37804	96403 WILDCAT; BONE SPRING			
4. Property Code	5. Property Name		6. Well No.	
38145	HAYHURST 23 S	001H		
7. OGRID No.	8. Operator	9. Elevation		
147179	CHESAPEAKE OPERATING, INC. 3065			

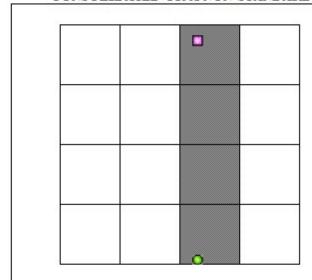
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	23	25S	27E		100	S	2270	E	EDDY

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
В	23	25S	27E	В	330	N	2270	E	EDDY
	cated Acres	13. J	oint 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

Form C-102

Permit 113059

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: Bryan Arrant

Title: Sr. Regulatory Compliance Specialist

Date: 4/28/2010

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 Jones Date of Survey: 4/15/2010 Certificate Number: 7977

Permit Comments

Operator: CHESAPEAKE OPERATING, INC. , 147179 Well: HAYHURST 23 STATE COM #001H

API: 30-015-37804

Created By	Comment	Comment Date
Bryan Arrant	BOP test to be performed by 3rd party.	4/27/2010