<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

State of New Mexico

Form C-101 Permit 43304

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

. Operator Name and Address	2. OGRID Number		
	147179 3. API Number		
110WA 0111, OK 731340490	30-025-38213		
5. Property Name	6. Well No.		
R. L. BRUNSON 4	001		

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	4	22S	37E	I	2310	S	500	E	LEA

8. Pool Information

EUNICE SAN ANDRES, SOUTH	24170
politoppini inipiao, coolii	2 12 10

Additional Well Information

	561			Ittoriusez			(16)	
9. Work Type New Well	2000	10. Well Type OIL		11. Cable/Rotary	•	12. Lease Type Private	13. Ground Level Elevation 3437	
14. Mültiple N	15. Proposed Depth		16. Formation San Andres			17. Contractor	18. Spud Date 12/22/2006	
Depth to Ground water 70			Dis	tance from nearest	t fresh water we	n l	Distance to nearest surface water	
ht: Liner: Synthetic Closed Loop Syste	 m 🛚 🔻	mils thick	Clay	Pit Volume:		rilling Method: resh Water Brine	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	11	8.625	24	1160	375	0
Prod	7.875	4.5	15.5	3940	585	0

Casing/Cement Program: Additional Comments

8 5/8" casing: Lead 225 sx Cl C + 2% CaCl + 4% gel + 1/4 pps Cello Flake. 1.75 yield. Tail 150 sx Cl. C + 2% CaCl 1.35 yield. 4 1/2" casing: Lead 265 swx 35:65 Poz C + 6% gel + 2% CaCl 2.03 yield. Tail 320 sx 50/50 Poz C + 2% gel + 1/4 pps Cello Flake + 0.4% FLA 1.26 yield

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 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) alternativ OCD-approved plan [.	Approved By: Chris Williams
Printed Name: Electronically filed by Brenda Coffman	Title: District Supervisor
Title: Regulatory Analyst	Approved Date: 12/15/2006 Expiration Date: 12/15/2007
Email Address: bcoffman@chkenergy.com	
Date: 12/14/2006 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

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

State of New Mexico

Form C-102 Permit 43304

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	ool Name			
30-025-38213	24170	ANDRES, SOUTH			
4. Property Code	5. Property	6. Well No.			
36194	R. L. BRUI	001			
7. OGRID No.	8. Operator	9. Elevation			
147179	CHESAPEAKE OPERATING, INC. 3437				

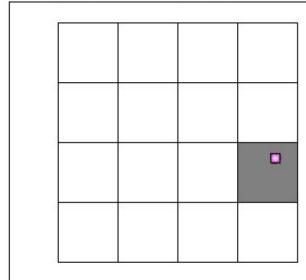
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	4	22S	37E		2310	S	500	E	LEA

11. Bottom Hole Location If Different From Surface

	ALI DOVINGILLION DOVINGILLI D'ALCOUNT L'UNI NALIGNO										
UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
1075747533	cated 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: 12/14/2006

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 Eidson Date of Survey: 11/14/2006 Certificate Number: 12641

Permit Conditions of Approval Operator: CHESAPEAKE OPERATING, INC., 147179 Well: R. L. BRUNSON 4 #001

30-025-38213 API:

OCD Reviewer	Condition
DMULL	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	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