State of New Mexico

Form C-101 Permit 92628

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

	CTERMIT TO DICIDE, RE-EIVIER, DEETEN,			
	1. Operator Name and Address	2. OGRID Number		
	COG OPERATING LLC	229137		
	550 W TEXAS MIDLAND , TX 79701	3. API Number		
	MIDDIND, IX 77701	30-025-39394		
4. Property Code	5. Property Name	6. Well No.		
37667	GOOD HANDS 15 STATE COM	001		

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
В	15	14S	32E	В	430	И	1650	E	LEA

8. Pool Information

TULK;ABO, NORTH	60265

Additional Well Information

9. Work Type	10. Well Type	11. Cable/Rotary	12. Lease Type	13. Ground Level Elevation
New Well	OIL		State	4308
14. Multiple	15. Proposed Depth	16. Formation	17. Contractor	18. Spud Date
N	13450	Abo		6/30/2009
Depth to Ground	water	Distance from nearest fresh w	ater well	Distance to nearest surface water
Pit: Liner: Synthetic [Closed Loop Syste	mils thick	Clay Pit Volume: b	bls Drilling Method: Fresh 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	17.5	13.375	48	500	475	0
Int1	12.25	9.625	40	4000	950	0
Int2	8.75	7	26	8100	600	0
Prod	6.125	4.5	11.6	13450	0	0

Casing/Cement Program: Additional Comments

COG proposes to drill a 17-1/2" hole to 500' w/fr wtr mud system, wt 8.5, vis 28, set 13-3/8" casing & cement to surf. Drill an 12-1/4" hole to 4000' w/br mud system, wt 10, vis 30. Set 9-5/8" casing & cement to surf. Drill 8-3/4" hole to 8100' w/ct br mud system, wt 8.7, vis29-32. Set 7" prod casing @ +/- 8100'. Drill 6-1/8" pilot hole thru Top Basal Abo to +/- 9150', run open hole logs. Spot +/- 250sx C. Kick off plug from +/- 9150' to +/-8200'. Drill 6-1/8" hole & kick off @ +/-8325', building curve over +/- 450' to horizontal section in a Westerly direction for +/-4650' lateral to TD @ +/- 13450' MD, 8900' TVD. Run 4-1/2" prod liner in Open hole lateral & set isolation packers & liner top packer @ +/-8000' MD.

Proposed Blowout Prevention Program

8	Troposed Diomode II	overtable i regrande	33
Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	2000	2000	

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			
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .	Approved By: Paul Kautz			
Printed Name: Electronically filed by Diane Kuykendall	Title: Geologist			
Title: Regulatory Analyst	Approved Date: 4/21/2009 Expiration Date: 4/21/2011			
Email Address: dkuykendall@conchoresources.com				
Date: 4/17/2009 Phone: 432-683-7443				

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

<u>District III</u> 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 92628

Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

***	CHE HOCATION AND ACICE	AGE DEDICATION I	1711	
1. API Number	2. Pool Code	3. Po	ool Name	
30-025-39394	60265	TULK;ABO, NORTH		
4. Property Code	5. Property N	ame	6. Well No.	
37667	GOOD HANDS 15 STATE COM		001	
7. OGRID No.	8. Operator Name		9. Elevation	
229137	COG OPERATI	NG LLC	4308	

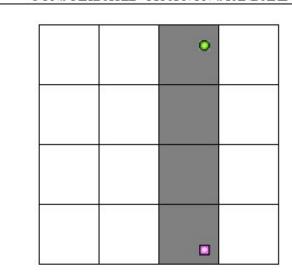
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
В	15	14S	32E		430	N	1650	E	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
0	15	14S	32E	0	330	S	1650	E	LEA
100000000000000000000000000000000000000	cated Acres	13. 3	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

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: Diane Kuykendall Title: Regulatory Analyst Date: 4/17/2009

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: Ronald Eidson Date of Survey: 4/14/2009 Certificate Number: 3239

Permit Comments

Operator: COG OPERATING LLC , 229137 Well: GOOD HANDS 15 STATE COM #001

API: 30-025-39394

Created By	Comment	Comment Date
rodom	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	4/8/2009
DMULL	OCD has received form C-144 "Pit Registration". OCD Permit Number P1-01043.	4/21/2009