State of New Mexico

Form C-101 Permit 131367

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

COG	ator Name and Address OPERATING LLC	OGRID Number 229137		
550 W TEXAS		3. API Number		
MIDLAND, TX 79701		30-015-39038		
4. Property Code	5. Property Name	6. Weti No.		
38623	RABBIT HUNTER 10 STATE	002H		

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	10	26S	28E	0	660	S	1980	E	EDDY

8. Pool Information

HAY HOLLOW:BONE SPRING 300

Additional Well Information

9. Work Type New Well	10. Well T OIL	Гуре	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 2992
14. Multiple N	15. Proposec 1433		16. Formation Bone Spring	17. Contractor	18. Spud Date 5/27/2011
Depth to Ground	water		Distance from nearest fre	ish water well	Distance to nearest surface water
Liner: Synthetic Closed Loop Syste		nils thick Clay	y 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	450	500	0
Int1	12.25	9.625	40	6350	1600	0
Prod	7.875	5.5	17	14330	1050	6150

Casing/Cement Program: Additional Comments

Plan to drill a 17-1/2" hole to 450' with Fresh Water. Run 13-3/8", 48#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 6350' with Brine, and run 9-5/8", 40#, J-55 and cement to surface. Drill 8-3/4" hole with cut brine to 12,275, run logs and plug back. Kick off and drill 8-3/4" curve then drill 7-7/8" lateral to approx 14,330' MD (10,550' TVD). Run 5-1/2", 17#, P-110 csg and cement to 6150'.

Proposed Blowout Prevention Program

Туре	Working Pressure	Test Pressure	Manufacturer
DoubleRam	3000	3000	Cameron

of my knowledge and belief.	ation given above is true and complete to the best ling pit will be constructed according to	OIL CONSERVATION DIVISION			
NMOCD guidelines , a general permit , or an (attached) alternative		Approved By: Randy Dade			
Printed Name: Electronic	ally filed by Diane Kuykendall	Title: District Supervisor			
Title: Production Report	ing Mgr	Approved Date: 5/16/2011	Expiration Date: 5/16/2013		
Email Address: dkuyken	dall@conchoresources.com				
Date: 5/9/2011	Phone: 432-683-7443	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

Permit 131367

Form C-102

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 30-015-39038	2. Pool Code		3. Pool Name
4. Property Code 38623	30215 HAY HOLLOW; 5. Property Name RABBIT HUNTER 10 STATE		6. Well No. 002H
7. OGRID No. 229137	8. Operator COG OPERAT	9. Elevation 2992	

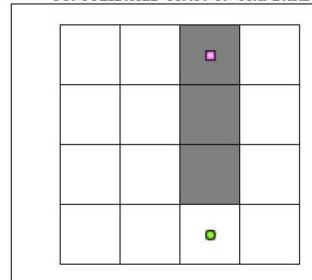
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	10	26S	28E	1	660	S	1980	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
B	10	268	28E	B	660	N	1980	E	EDDY
46500	cated Acres 0.00	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

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: Production Reporting Mgr

Date: 5/9/2011

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: Filmon Jaramillo Date of Survey: 5/2/2011 Certificate Number: 12797

Permit Comments

Operator: COG OPERATING LLC , 229137 Well: RABBIT HUNTER 10 STATE #002H

API: 30-015-39038

Created By	Comment	Comment Date
krobinson2	COG Operating has conducted a review to determine if an H2S contingency plan is required for the above referenced well. We were able to conclude that any potential hazardous volume would be minimal. H2S concentrations of wells in this area from surface to TD are low enough; therefore we do not believe that an H2S Contingency Plan would be necessary.	5/9/2011

Permit Conditions of Approval

Operator: COG OPERATING LLC , 229137 Well: RABBIT HUNTER 10 STATE #002H

API: 30-015-39038

OCD Reviewer	Condition
Artesia	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string