State of New Mexico

Form C-101 Permit 69898

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

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1.	Operator Name and Address	2. OGRID Number							
C	OG OPERATING LLC	229137							
T.	550 W TEXAS MIDLAND , TX 79701	3. API Number							
1	MIDLAND, 12 /9/01	30-015-36308							
4. Property Code	5. Property Name	6. Well No.							
302497	G J WEST COOP UNIT	199							

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	16	17S	29E	P	330	S	990	E	EDDY

8. Pool Information

GJ;7RVS-QN-GB-GLORIETA-YESO	97558

Additional Well Information

	563						(UK)	
9. Work Type New Well	20025	il Type IL	11. Cable/Rotary			12. Lease Type State	13. Ground Level Elevation 3554	
14. Multiple N	15. Prop	osed Depth		16. Formation Yeso Formation		17. Contractor	18. Spud Date 5/15/2008	
Depth to Ground water Distance from nearest				from nearest fi	esh water well		Distance to nearest surface water	
it: Liner: Synthetic [Closed Loop Syste	m 🗙	mils thick	Clay Pit V	/ohme:		illing Method: sh 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	300	400	0
Int1	11	8.625	24	850	600	0
Prod	7.875	5.5	17	5600	1200	0

Casing/Cement Program: Additional Comments

COG proposes to drill a 17-1/2" hole to 300' w/fr wtr mud system, wt 8.5, vis 28, set 13-3/8" casing & cement to surface. Drill an 11" hole to 850' w/for mud system, wt 10, vis 30. Set 8-5/8" casing & cement to surface. Drill 7-7/8" hole to 5600' w/cut brine mud system, wt 8.7, vis 29-32. Test Yeso formation. Run 5-1/2" casing & cement to surface. Note: On production string, a caliper will be run, COG will attempt to circulate cement.

Proposed Blowout Prevention Program

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: Tim Gum					
Printed Name: Electronically filed by Diane Kuykendall	Title: District Supervisor					
Title: Regulatory Analyst	Approved Date: 5/1/2008 Expiration Date: 5/1/2010					
Email Address: dkuykendall@conchoresources.com						
Date: 4/24/2008 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

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 69898

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

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

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1. API Number	2. Pool Code	3. Pool Name			
30-015-36308	97558	GJ;7RVS-QN-GB-GLORIETA-YESO			
4. Property Code	5. Property Name		6. Well No.		
302497	G J WEST CO	OP UNIT	199		
7. OGRID No.	8. Operator 1	Name	9. Elevation		
229137	COG OPERATING LLC		3554		

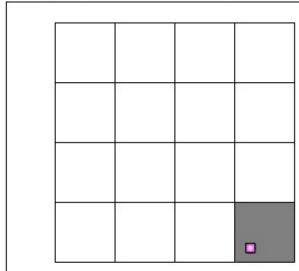
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	16	17S	29E		330	S	990	E	EDDY

11. Bottom Hole Location If Different From Surface

	ALI DOVIDANI AND DOVENDON AND DESCRIPTION OF THE PROPERTY AND THE PROPERTY										
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: Diane Kuykendall Title: Regulatory Analyst

Date: 4/24/2008

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: 11/19/2007 Certificate Number: 3239

Permit Comments

Operator: COG OPERATING LLC , 229137 Well: G J WEST COOP UNIT #199

API: 30-015-36308

Created By	Comment	Comment Date
PEDWARDS	H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required.	4/24/2008