# State of New Mexico

Form C-101 Permit 84491

# 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

ATTRICATION FOR	TERMIT TO DRIBE, RE-ENTER, DEET EN	, I LOGDACK, OK ADD A ZONE
1	. Operator Name and Address	2. OGRID Number
	OG OPERATING LLC	229137
99	550 W TEXAS MIDLAND , TX 79701	3. API Number
	WILDERING , III (VIOI	30-015-36935
4. Property Code	5. Property Name	6. Well No.
302497	G J WEST COOP UNIT	241

### 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	390	S	330	E	EDDY

#### 8. Pool Information

EMPIRE: GLORIETA-YESO	96210

### Additional Well Information

9. Work Type New Well	10. We	ll Type IL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3550	
14. Montiple N	8200005	osed Depth 500	16. Formation Yeso Formation	17. Contractor	18. Spud Date 3/5/2009	
Depth to Ground v 110	vater	ell	Distance to nearest surface water > 1000			
it: Liner: Synthetic X Closed Loop System	_	mils thick		Orilling 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	300	400	0
Int1	11	8.625	24	850	500	0
Prod	7.875	5.5	17	5500	1000	0

## Casing/Cement Program: Additional Comments

COG proposes to drill a 17-1/2" hole to 300' w/fr water mud system, wt 8.5, vis 28, set 13-3/8" casing & cement to surface. Drill a 11" hole to 850'w/br mud system, wt 10, vis 30, set 8-5/8" casing & cement to surface. Drill a 7-7/8" hole to 5500'w/cut brine mud system, wt 9.1, vis 29-32. Test Yeso formation. Run 5-1/2" casing & cememt to surface. Note: On production string, a caliper will be run, COG will attempt to circulate.

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 $\overline{X}$ , a general permit $\overline{\Box}$ , or an (attached) alternative OCD-approved plan $\overline{\Box}$ .	Approved By: Jacqueta Reeves					
Printed Name: Electronically filed by Diane Kuykendall	Title: District Geologist					
Title: Regulatory Analyst	Approved Date: 2/16/2009 Expiration Date: 2/16/2011					
Email Address: dkuykendall@conchoresources.com						
Date: 2/5/2009 Phone: 432-683-7443						

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(505) 393-6161 Fax:(505) 393-0720

<u>District II</u>

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 84491

# 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	3. Pool Name			
30-015-36935	96210	EMPIRE; GLORIET A-YESO			
4. Property Code	5. Propert	6. Well No.			
302497	G J WEST C	241			
7. OGRID No.	8. Operato	9. Elevation			
229137	COG OPERA	3550			

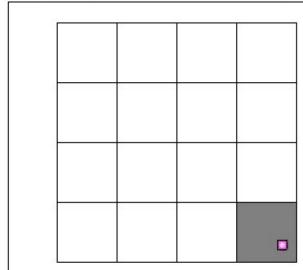
#### 10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	16	17S	29E		390	S	330	E	EDDY

#### 11. Bottom Hole Location If Different From Surface

	11: Develor fibre Develor if Date of the Fibration											
UL - Lot	Section	Townsh	P	Range	Lot	Idn	Feet From	N/S L	.ine	Feet From	E/W Line	County
0.75710755	ated 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: 2/5/2009

#### 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: 1/27/2009 Certificate Number: 3239

# **Permit Comments**

Operator: COG OPERATING LLC , 229137 Well: G J WEST COOP UNIT #241

API: 30-015-36935

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.	10/31/2008