State of New Mexico

Form C-101 Permit 67776

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

IMI MICHIEL OF THE		Lacobiteit, oit imp il acia	
1	Operator Name and Address	2. OGRID Number	
C	229137		
1	550 W TEXAS MIDLAND , TX 79701	3. API Number	
•	MIDLAND, 12 /9/01		
4. Property Code	5. Property Name	6. Well No.	
302497	G J WEST COOP UNIT	196	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	16	17S	29E	J	1650	S	2310	E	EDDY

8. Pool Information

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

Additional Well Information

	961		I I I I I I I I I I I I I I I I I I I	1 111101111111111		
9. Work Type New Well	20000000	il Type IL	11. Cable/Rotary 16. Formation Yeso Formation		12. Lease Type State	13. Ground Level Elevation 3566
14. Montriple N	15. Prop	osed Depth			17. Contractor	18. Spud Date 4/25/2008
Depth to Ground water 110			Distance from nearest fresh water well			Distance to nearest surface water
Pit: Liner: Synthetic Closed Loop Syste	em 🛛	mils thick	Clay Pit Volume:		ling Method: th Water Brine 1	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.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 be 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	200			
Title: Regulatory Analyst	Approved Date: 3/31/2008	Expiration Date: 3/31/2010			
Email Address: dkuykendall@conchoresources.com					
Date: 3/24/2008 Phone: 432-683-7443	Conditions of Approval Attac	ched			

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

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 67776

Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

4,707.4					
1. API Number	2. Pool Code	3. Pool Name			
30-015-36242	97558	-GB-GLORIETA-YESO			
4. Property Code	5. Property	6. Well No.			
302497	G J WEST CO	G J WEST COOP UNIT			
7. OGRID No.	8. Operato	8. Operator Name			
229137	COG OPERA	TING LLC	3566		

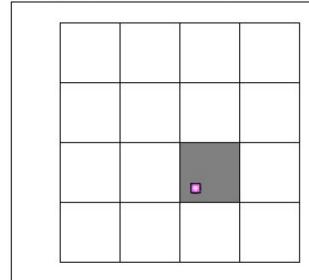
10. Surface Location

										_
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County	
J	16	17S	29E		1650	S	2310	E	EDDY	l

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Т	Fownship Range		Lot	ot Idn Feet From N/S Line		ine	Feet From	E/W Line	County	
1075170	ated Acres		13. 1	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: 3/24/2008

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: 3/10/2008 Certificate Number: 3239

Permit Comments

Operator: COG OPERATING LLC , 229137 Well: G J WEST COOP UNIT #196

API: 30-015-36242

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.	1/16/2008	

Permit Conditions of Approval

Operator: COG OPERATING LLC , 229137 Well: G J WEST COOP UNIT #196

API: 30-015-36242

OCD Reviewer	Condition
IKMWIISOD	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