

District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

JUN - 2 2009

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address COG OPERATING LLC 550 W. Texas, Suite 1300 Midland, TX 79701		² OGRID Number 229137
		³ API Number 30-015-31583
⁴ Property Code 302572	⁵ Property Name Texaco BE	⁶ Well No 5
⁹ Proposed Pool 1 Loco Hills; Glorieta-Yeso 96718		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	16	17S	30E		990	South	1650	East	Eddy

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Additional Well Information


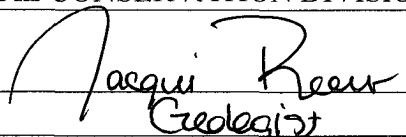
¹¹ Work Type Code D	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3685
¹⁶ Multiple N	¹⁷ Proposed Depth 6200	¹⁸ Formation Yeso	¹⁹ Contractor	²⁰ Spud Date As soon as approved
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit Liner Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume _____ bbls Drilling Method:				
Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2	13-3/8	48	444	450	0
12-1/4	8-5/8	24	1226	625	0
7-7/8	5-1/2	17	4806	970	0
4-3/4	4	11.3	6200	115	0

²² Describe the proposed program If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any Use additional sheets if necessary.

See Attachment

²³ 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 NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name Kanicia Carrillo 		Approved by 	
Title Regulatory Analyst		Title Geologist	
E-mail Address kcarrillo@conchoresources.com		Approval Date 6/9/2009 Expiration Date 6/9/2011	
Date 06/01/09	Phone 432-685-4332	Conditions of Approval Attached <input type="checkbox"/>	

Texaco BE #5

Deepening Procedure

1. MIRU rig.
2. POOH w/ rods and tbg.
3. Squeeze off GB/SA and Pdck perms. Drill out squeezes.
4. PU 4-3/4" bit and drill 4-3/4" from 4806' to 6200'.
5. POOH w/ bit and drillstring.
6. RIH w/ logs and log from TD to 4700'.
7. RIH w/ 4", 11.3# casing.
8. Cement casing from TD to 4700' w/ 115 sxs Class C cmt.
9. RDMO rig.

Completion Procedure

1. MIRU rig.
2. RIH/ w/ perforating guns and perforate Yeso from 5900 – 5700 w/ 2 spf, 30 holes.
3. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 190,000 # of sand. Set plug at 5650'.
4. RIH w/ perforating guns and perforate Yeso from 5600' – 5400'.
5. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 190,000 # of sand. Set plug at 5350'.
6. RIH w/ perforating guns and perforate Yeso from 5300' – 5100'.
7. Acidize w/ 2500 gals of 15% HCl. Frac zone w/ 190,000 # of sand.
8. RIH and drill out plug at 5350' and 5650'.
9. RIH and cut 4" casing at 4700'. POOH w/ 4" casing. Leave 4" liner from 4700' to 6200' (TD).
10. RIH w/ tbg and locate end of tbg at 4650'.
11. RIH w/ rods and pump.
12. RDMO rig.

DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

DISTRICT IV

P.O. Box 2088, SANTA FE, N.M. 87504-2088

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-31583	Pool Code 96718	Pool Name Loco Hills; Glorieta-Yeso
Property Code 302572	Property Name TEXACO BE	Well Number 5
OGRID No. 229137	Operator Name COG Operating LLC	Elevation 3685'

Surface Location

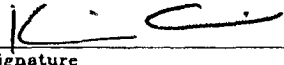
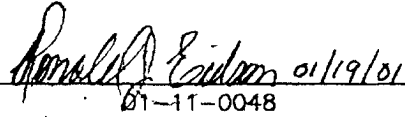
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	16	17-S	30-E		990	NORTH	1650	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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 the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Kanicia Carrillo Printed Name Regulatory Analyst Title 6/1/09 Date
	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. JANUARY 16, 2001 Date Surveyed Signature & Seal of Professional Surveyor  01-19-01 01-11-0048
	Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641