

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 30-015-31585
³ Property Code 302572	³ Property Name Texaco BE	⁶ Well No. 6
⁹ Proposed Pool 1 Loco Hills; Glorieta-Yeso 96718		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no A	Section 16	Township 17S	Range 30E	Lot Idn	Feet from the 990	North/South line North	Feet from the 330	East/West line East	County Eddy
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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
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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	425	450	0
12-1/4	8-5/8	24	1232	625	0
7-7/8	5-1/2	17	4907	945	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 , a general permit , or an (attached) alternative OCD-approved plan .

Printed name: Kancira Carrillo *KCC*
Title: Regulatory Analyst
E-mail Address: kcarrillo@conchoresources.com
Date: 06/01/09 Phone: 432-685-4332

OIL CONSERVATION DIVISION

Approved by: *Jacqui Ross*
Title: Geologist
Approval Date: 6/9/2009 Expiration Date: 6/9/2011
Conditions of Approval Attached

Texaco BE #6

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 4907' to 6200'.
5. POOH w/ bit and drillstring.
6. RIH w/ logs and log from TD to 4800'.
7. RIH w/ 4", 11.3# casing.
8. Cement casing from TD to 4800' 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 4800'. POOH w/ 4" casing. Leave 4" liner from 4800' to 6200' (TD).
10. RIH w/ tbg and locate end of tbg at 4750'.
11. RIH w/ rods and pump.
12. RDMO rig.