



EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(915) 686-3600

(30-015-34597

January 27, 2006

State of New Mexico Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

FEB 01 2006

OCU-ARTESIA

To Whom It May Concern:

I am writing to request a waiver for the inclusion of an H₂S Contingency Plan for the Congo B 10 Fee #1H. The current plan is to complete this well in the Wolfcamp, which is sweet, and I do not anticipate encountering any H₂S bearing formations during drilling operations.

Sincerely,



Jason LaGrega
Drilling Engineer

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico

Form C-102

Energy, Minerals, and Natural Resources Department

Revised August 15, 2000

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office

State Lease - 4 copies

Fee Lease - 3 copies

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

1220 South St. Francis Dr.

Santa Fe, New Mexico 87505

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 75260	³ Pool Name Cottonwood Creek; WC West (Gas)
⁴ Property Code	⁵ Property Name CONGO "B" 10 FEE	⁶ Well Number 1H
⁷ OGRID No. 7377	⁸ Operator Name EOG RESOURCES, INC.	⁹ Elevation 3452'

¹⁰ **Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	10	16 SOUTH	25 EAST, N.M.P.M.		2150'	SOUTH	140'	EAST	EDDY

¹¹ **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
L	10	16 SOUTH	25 EAST, N.M.P.M.		1880'	SOUTH	660'	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

¹⁶ BHL X = 455309 Y = 704029 LAT.: N 32.9353647 LONG.: W 104.4789996 POINT OF ENTRY X = 459310 Y = 703939 LAT.: N 32.9351320 LONG.: W 104.4659566 NAD 27 NME ZONE X = 459827 Y = 704197 LAT.: N 32.9358452 LONG.: W 104.4642743 RECEIVED FEB 01 2006 JCU-ARTS	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Donny G. Glanton</i> Signature Donny G. Glanton Printed Name Agent Title 1/30/2006 Date
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes and surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. NEW MEXICO JANUARY 11 2006 Date of Survey <i>V. L. Bezner</i> Signature and Seal of Professional Surveyor V. L. BEZNER Certificate Number R.P.S. #7920 JOB # 107977 / 100 NW / E.U.O.

Permit Information:

Well Name: Congo B 10 Fee #1H

Location:

SL 2150' FSL & 140' FEL, Section 10, T-16-S, R-25-E, Eddy Co., N.M.
BHL 1880' FSL & 660' FWL, Section 10, T-16-S, R-25-E, Eddy Co., N.M.

Casing Program:

Casing	Setting Depth	Hole Size	Casing Size	Casing Weight	Casing Grade	Desired TOC
Surface	900'	9-7/8"	7"	23#	J-55	Surface
Production	9,314'	6-1/8"	4 1/2"	11.6#	P-110	Surface

Cement Program:

Depth	No. Sacks	Slurries:
900'	150	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	175	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
9,314'	400	Lead: Interfill C + 1/4 pps Flocele
	400	Tail: Premium Cement + 100% Acid Soluble Additive + 0.6% Halad®-344 + 0.8% Econolite + 0.2% HR-55

Mud Program:

Depth	Type	Weight (ppg)	Viscosity	Water Loss
0 – 900'	Fresh - Gel	8.6-8.8	28-34	N/c
900' – 4,400'	Cut Brine	8.8-9.2	28-34	N/c
4,400' – 5,100'	Cut Brine	8.8-9.2	28-34	10-15
4,468' – 9,314'	Polymer (Lateral)	9.0-9.4	40-45	10-20

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Congo B 10 Fee #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3467.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3467.0ft (Original Well Elev)
Site:	Congo B 10 Fee #1H	North Reference:	Grid
Well:	Congo B 10 Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Congo B 10 Fee #1H		
Design:	Plan #1		

Project	Thames		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Congo B 10 Fee #1H				
Site Position:		Northing:	704,197.00 ft	Latitude:	32° 56' 9.039 N
From:	Map	Easting:	459,827.00 ft	Longitude:	104° 27' 51.383 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	-0.07 °

Well	Congo B 10 Fee #1H					
Well Position	+N/-S	0.0 ft	Northing:	704,197.00 ft	Latitude:	32° 56' 9.039 N
	+E/-W	0.0 ft	Easting:	459,827.00 ft	Longitude:	104° 27' 51.383 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	3,452.0 ft

Wellbore	Congo B 10 Fee #1H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2000	12/31/2004	9.03	60.93	49,743

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	267.87

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Buid Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,468.0	0.00	0.00	4,468.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,896.4	59.98	231.97	4,822.3	-126.0	-161.1	14.00	14.00	0.00	231.97	
4,969.5	59.98	231.97	4,858.9	-165.0	-210.9	0.00	0.00	0.00	0.00	
5,312.0	90.00	271.29	4,950.0	-258.0	-517.0	14.00	8.77	11.48	58.58	PP (Congo B 10 Fe
5,336.9	90.75	271.29	4,949.8	-257.4	-541.9	3.00	3.00	0.00	0.00	
9,314.3	90.75	271.29	4,898.0	-168.0	-4,517.9	0.00	0.00	0.00	0.00	
9,314.4	90.75	271.29	4,898.0	-168.0	-4,518.0	3.00	2.76	1.18	23.08	BHL (Congo B 10 #

EOG RESOURCES INC.

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Congo B 10 Fee #1H
Well: Congo B 10 Fee #1H
Wellbore: Congo B 10 Fee #1H
Design: Plan #1

Local Co-ordinate Reference: Well Congo B 10 Fee #1H
TVD Reference: WELL @ 3467.0ft (Original Well Elev)
MD Reference: WELL @ 3467.0ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,468.0	0.00	0.00	4,468.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	4.48	231.97	4,500.0	-0.8	-1.0	1.0	14.00	14.00	0.00
4,600.0	18.48	231.97	4,597.7	-13.0	-16.6	17.1	14.00	14.00	0.00
4,700.0	32.48	231.97	4,687.8	-39.4	-50.4	51.9	14.00	14.00	0.00
4,800.0	46.48	231.97	4,764.8	-78.5	-100.4	103.2	14.00	14.00	0.00
4,896.4	59.98	231.97	4,822.3	-126.0	-161.1	165.6	14.00	14.00	0.00
4,900.0	59.98	231.97	4,824.1	-127.9	-163.5	168.2	0.00	0.00	0.00
4,969.5	59.98	231.97	4,858.9	-165.0	-210.9	216.9	0.00	0.00	0.00
5,000.0	62.26	236.08	4,873.7	-180.7	-232.5	239.1	14.00	7.51	13.50

EOG RESOURCES INC.

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Congo B 10 Fee #1H
Well: Congo B 10 Fee #1H
Wellbore: Congo B 10 Fee #1H
Design: Plan #1

Local Co-ordinate Reference: Well Congo B 10 Fee #1H
TVD Reference: WELL @ 3467.0ft (Original Well Elev)
MD Reference: WELL @ 3467.0ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,100.0	70.51	248.45	4,913.8	-222.9	-313.5	321.5	14.00	8.24	12.37
5,200.0	79.50	259.57	4,939.7	-249.2	-406.1	415.1	14.00	9.00	11.12
5,300.0	88.86	270.04	4,949.9	-258.1	-505.0	514.2	14.00	9.36	10.48
5,312.0	90.00	271.29	4,950.0	-258.0	-517.0	526.2	14.00	9.43	10.34
5,336.9	90.75	271.29	4,949.8	-257.4	-541.9	551.1	3.00	3.00	0.00
5,400.0	90.75	271.29	4,949.0	-256.0	-604.9	614.0	0.00	0.00	0.00
5,500.0	90.75	271.29	4,947.7	-253.8	-704.9	713.8	0.00	0.00	0.00
5,600.0	90.75	271.29	4,946.4	-251.5	-804.9	813.7	0.00	0.00	0.00
5,700.0	90.75	271.29	4,945.1	-249.3	-904.8	913.5	0.00	0.00	0.00
5,800.0	90.75	271.29	4,943.8	-247.0	-1,004.8	1,013.3	0.00	0.00	0.00
5,900.0	90.75	271.29	4,942.5	-244.8	-1,104.8	1,113.1	0.00	0.00	0.00
6,000.0	90.75	271.29	4,941.2	-242.5	-1,204.7	1,212.9	0.00	0.00	0.00
6,100.0	90.75	271.29	4,939.9	-240.3	-1,304.7	1,312.7	0.00	0.00	0.00
6,200.0	90.75	271.29	4,938.6	-238.0	-1,404.7	1,412.5	0.00	0.00	0.00
6,300.0	90.75	271.29	4,937.3	-235.8	-1,504.6	1,512.3	0.00	0.00	0.00
6,400.0	90.75	271.29	4,936.0	-233.5	-1,604.6	1,612.2	0.00	0.00	0.00
6,500.0	90.75	271.29	4,934.7	-231.3	-1,704.6	1,712.0	0.00	0.00	0.00
6,600.0	90.75	271.29	4,933.4	-229.0	-1,804.5	1,811.8	0.00	0.00	0.00
6,700.0	90.75	271.29	4,932.1	-226.8	-1,904.5	1,911.6	0.00	0.00	0.00
6,800.0	90.75	271.29	4,930.8	-224.5	-2,004.5	2,011.4	0.00	0.00	0.00
6,900.0	90.75	271.29	4,929.5	-222.3	-2,104.4	2,111.2	0.00	0.00	0.00
7,000.0	90.75	271.29	4,928.2	-220.0	-2,204.4	2,211.0	0.00	0.00	0.00
7,100.0	90.75	271.29	4,926.9	-217.8	-2,304.4	2,310.9	0.00	0.00	0.00
7,200.0	90.75	271.29	4,925.6	-215.5	-2,404.3	2,410.7	0.00	0.00	0.00
7,300.0	90.75	271.29	4,924.3	-213.3	-2,504.3	2,510.5	0.00	0.00	0.00
7,400.0	90.75	271.29	4,923.0	-211.0	-2,604.3	2,610.3	0.00	0.00	0.00
7,500.0	90.75	271.29	4,921.6	-208.8	-2,704.2	2,710.1	0.00	0.00	0.00
7,600.0	90.75	271.29	4,920.3	-206.6	-2,804.2	2,809.9	0.00	0.00	0.00
7,700.0	90.75	271.29	4,919.0	-204.3	-2,904.2	2,909.7	0.00	0.00	0.00
7,800.0	90.75	271.29	4,917.7	-202.1	-3,004.1	3,009.6	0.00	0.00	0.00
7,900.0	90.75	271.29	4,916.4	-199.8	-3,104.1	3,109.4	0.00	0.00	0.00
8,000.0	90.75	271.29	4,915.1	-197.6	-3,204.1	3,209.2	0.00	0.00	0.00
8,100.0	90.75	271.29	4,913.8	-195.3	-3,304.0	3,309.0	0.00	0.00	0.00
8,200.0	90.75	271.29	4,912.5	-193.1	-3,404.0	3,408.8	0.00	0.00	0.00
8,300.0	90.75	271.29	4,911.2	-190.8	-3,504.0	3,508.6	0.00	0.00	0.00
8,400.0	90.75	271.29	4,909.9	-188.6	-3,603.9	3,608.4	0.00	0.00	0.00
8,500.0	90.75	271.29	4,908.6	-186.3	-3,703.9	3,708.3	0.00	0.00	0.00
8,600.0	90.75	271.29	4,907.3	-184.1	-3,803.9	3,808.1	0.00	0.00	0.00
8,700.0	90.75	271.29	4,906.0	-181.8	-3,903.8	3,907.9	0.00	0.00	0.00
8,800.0	90.75	271.29	4,904.7	-179.6	-4,003.8	4,007.7	0.00	0.00	0.00
8,900.0	90.75	271.29	4,903.4	-177.3	-4,103.8	4,107.5	0.00	0.00	0.00
9,000.0	90.75	271.29	4,902.1	-175.1	-4,203.7	4,207.3	0.00	0.00	0.00
9,100.0	90.75	271.29	4,900.8	-172.8	-4,303.7	4,307.1	0.00	0.00	0.00
9,200.0	90.75	271.29	4,899.5	-170.6	-4,403.6	4,406.9	0.00	0.00	0.00
9,300.0	90.75	271.29	4,898.2	-168.3	-4,503.6	4,506.8	0.00	0.00	0.00
9,314.3	90.75	271.29	4,898.0	-168.0	-4,517.9	4,521.0	0.00	0.00	0.00
9,314.4	90.75	271.29	4,898.0	-168.0	-4,518.0	4,521.1	3.00	2.76	1.18

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Congo B 10 Fee #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3467.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3467.0ft (Original Well Elev)
Site:	Congo B 10 Fee #1H	North Reference:	Grid
Well:	Congo B 10 Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Congo B 10 Fee #1H		
Design:	Plan #1		

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
BHL (Congo B 10 #1H - plan hits target - Point	0.00	0.00	4,898.0	-168.0	-4,518.0	704,029.00	455,309.00	32° 56' 7.318 N	104° 28' 44.394 W
PP (Congo B 10 Fee : - plan hits target - Point	0.00	0.00	4,950.0	-258.0	-517.0	703,939.00	459,310.00	32° 56' 6.479 N	104° 27' 57.446 W

SITE DETAILS: Congo B 10 Fee #1H

Site Centre Northing: 704197.00
Easting: 459827.00

Positional Uncertainty: 0.0
Convergence: -0.07
Local North: Grid

PROJECT DETAILS: Thames

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001

System Datum: Mean Sea Level

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
4468.0	0.00	0.00	4468.0	0.0	0.0	0.00	0.00	0.0	
4896.4	59.98	231.97	4822.3	-126.0	-161.1	14.00	231.97	165.6	
4969.5	59.98	231.97	4858.9	-165.0	-210.9	0.00	0.00	216.9	
5312.0	90.00	271.29	4950.0	-258.0	-517.0	14.00	58.58	526.2	PP (Congo B 10 Fee #1H)
5336.9	90.75	271.29	4949.8	-257.4	-541.9	3.00	0.00	551.1	
9314.3	90.75	271.29	4898.0	-168.0	-4517.9	0.00	0.00	4521.0	
9314.4	90.75	271.29	4898.0	-168.0	-4518.0	3.00	23.08	4521.1	BHL (Congo B 10 #1H)

