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

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

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

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

State of New Mexico
Energy, Minerals, and Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

RECEIVED
MAR 1 0 2006
OCD-ARTESIA

Form C-102
Revised August 15, 2000
Submit to Appropriate District Office
State Lease - 4 copies
Fee Lease - 3 copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-015-34681	75260	Cottonwood Creek; WC, W [illegible] (Gas)

4 Property Code	5 Property Name	6 Well Number
35491	CONGO "A" 10 FEE	1H

7 OGRID No.	8 Operator Name	9 Elevation
7377	EOG RESOURCES, INC.	3462'

10 Surface Location

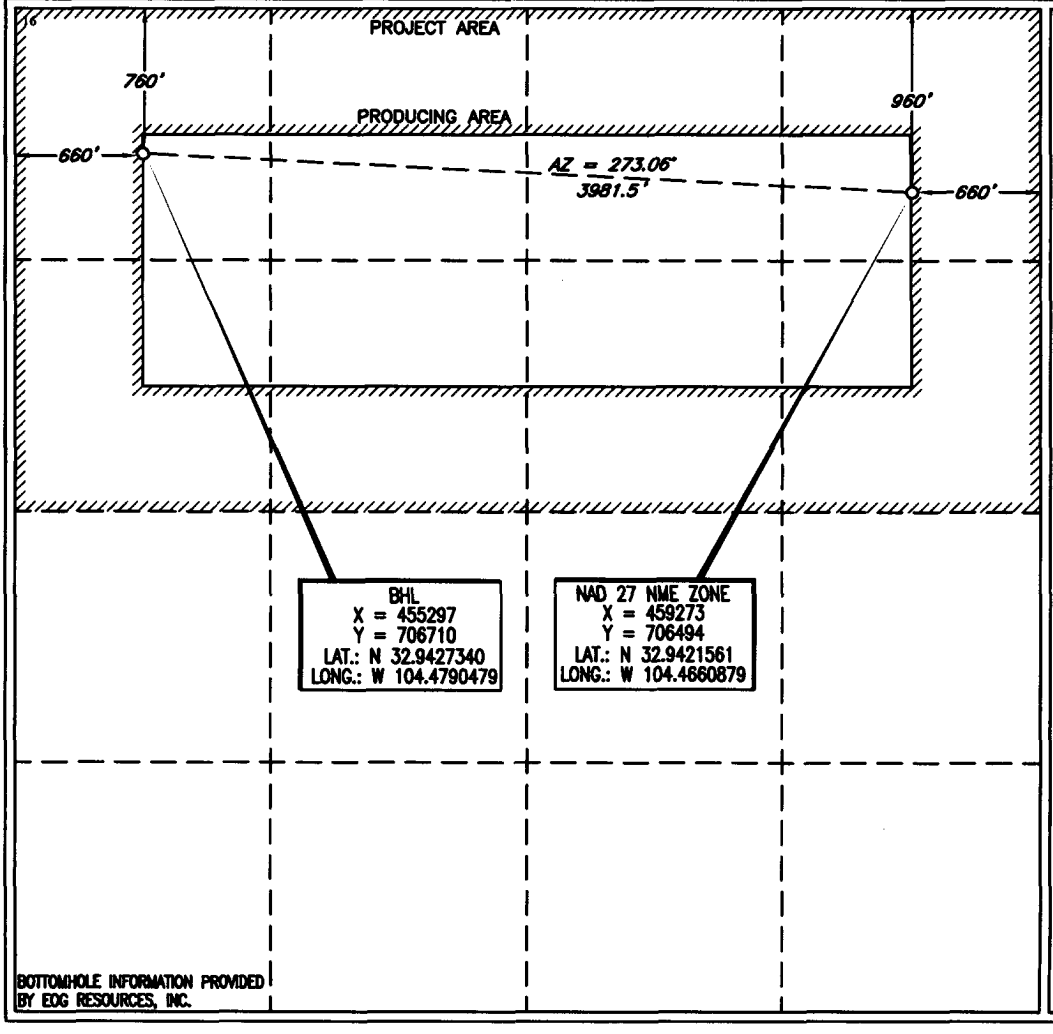
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	10	16 SOUTH	25 EAST, N.M.P.M.		960'	NORTH	660'	EAST	EDDY

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
D	10	16 SOUTH	25 EAST, N.M.P.M.		760'	NORTH	660'	WEST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320			

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



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Donny G. Glanton
Printed Name

Agent
Title

3/8/2006
Date

18 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.

NOVEMBER 10, 2005
Date of Survey

Signature and Seal of Professional Surveyor

LYNN BEZNER NEW MEXICO 7920 LICENSED LAND SURVEYOR

Certificate Number
V. L. BEZNER R.P.S. #7920

JOB # 107975-A/ 100 NW / J.W.W.

Permit Information:

Well Name: Congo A 10 Fee #1H

Location:
SL 960' FNL & 660' FEL, Section 10, T-16-S, R-25-E, Eddy Co., N.M.
BHL 760' FNL & 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'	12-1/4"	8-5/8"	32#	J-55	Surface
Production	8,768'	7-7/8"	5 ½"	17#	N-80	Surface

Cement Program:

Depth	No. Sacks	Slurries:
900'	150	Lead: Premium Plus + 2% $CaCl_2$ + 3% Econolite + ¼ pps Flocele
	175	Tail: Premium Plus + 2% $CaCl_2$ + ¼ pps Flocele
8,768'	400	Lead: Interfill C + ¼ pps Flocele
	300	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
4,500' – 8,768'	Polymer (Lateral)	9.0-9.4	40-45	10-20

eog resources

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

March 2, 2006

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

To Whom It May Concern:

I am writing to request a waiver for the inclusion of an H_2S Contingency Plan for the Congo A 10 Fee #1H. The current plan is to complete this well in the Wolfcamp, which is sweet, and I do not anticipate encountering any H_2S bearing formations during drilling operations.

Sincerely,

Jason LaGrega
Drilling Engineer

Database:	EDM	**Local Co-ordinate Reference:**	Well Congo A 10 Fee #1H
Company:	EOG - Midland (3)	**TVD Reference:**	WELL @ 3480.0ft (Original Well Elev)
Project:	Thames	**MD Reference:**	WELL @ 3480.0ft (Original Well Elev)
Site:	Congo A 10 Fee #1H	**North Reference:**	Grid
Well:	Congo A 10 Fee #1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Congo A 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 A 10 Fee #1H

Site Position:		**Northing:**	706,494.00 ft	**Latitude:**	32° 56' 31.761 N
From:	Map	**Easting:**	459,273.00 ft	**Longitude:**	104° 27' 57.918 W
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	-0.07 °

Well Congo A 10 Fee #1H

Well Position	**+N/-S**	0.0 ft	**Northing:**	706,494.00 ft	**Latitude:**	32° 56' 31.761 N
	+E/-W	0.0 ft	**Easting:**	459,273.00 ft	**Longitude:**	104° 27' 57.918 W
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	3,462.0 ft

Wellbore Congo A 10 Fee #1H

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005	3/2/2006	8.65	60.80	49,462

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 (°)
	4,903.0	0.0	0.0	273.11

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build 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	
4,568.0	0.00	0.00	4,568.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,168.0	90.00	273.11	4,950.0	20.7	-381.4	15.00	15.00	0.00	273.11	
5,193.0	90.75	273.11	4,949.8	22.1	-406.4	3.00	3.00	0.00	-0.03	
8,768.2	90.75	273.11	4,903.0	216.0	-3,976.0	0.00	0.00	0.00	0.00	
8,768.2	90.75	273.11	4,903.0	216.0	-3,976.0	3.00	-1.03	2.82	110.07	BHL (Congo A #1H

Database:	EDM	**Local Co-ordinate Reference:**	Well Congo A 10 Fee #1H
Company:	EOG - Midland (3)	**TVD Reference:**	WELL @ 3480.0ft (Original Well Elev)
Project:	Thames	**MD Reference:**	WELL @ 3480.0ft (Original Well Elev)
Site:	Congo A 10 Fee #1H	**North Reference:**	Grid
Well:	Congo A 10 Fee #1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Congo A 10 Fee #1H		
Design:	Plan #1		

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
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,568.0	0.00	0.00	4,568.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	4.80	273.11	4,600.0	0.1	-1.3	1.3	15.00	15.00	0.00
4,700.0	19.80	273.11	4,697.4	1.2	-22.5	22.6	15.00	15.00	0.00
4,800.0	34.80	273.11	4,786.0	3.7	-68.2	68.3	15.00	15.00	0.00
4,900.0	49.80	273.11	4,859.7	7.3	-135.2	135.4	15.00	15.00	0.00
5,000.0	64.80	273.11	4,913.6	11.9	-219.0	219.3	15.00	15.00	0.00
5,100.0	79.80	273.11	4,943.9	17.1	-313.9	314.3	15.00	15.00	0.00
5,168.0	90.00	273.11	4,950.0	20.7	-381.4	382.0	15.00	15.00	0.00

Database:	EDM	**Local Co-ordinate Reference:**	Well Congo A 10 Fee #1H
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Well:	Congo A 10 Fee #1H	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Congo A 10 Fee #1H		
Design:	Plan #1		

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)
5,193.0	90.75	273.11	4,949.8	22.1	-406.4	407.0	3.00	3.00	0.00
5,200.0	90.75	273.11	4,949.7	22.5	-413.4	414.0	0.00	0.00	0.00
5,300.0	90.75	273.11	4,948.4	27.9	-513.2	514.0	0.00	0.00	0.00
5,400.0	90.75	273.11	4,947.1	33.3	-613.0	614.0	0.00	0.00	0.00
5,500.0	90.75	273.11	4,945.8	38.7	-712.9	713.9	0.00	0.00	0.00
5,600.0	90.75	273.11	4,944.5	44.2	-812.7	813.9	0.00	0.00	0.00
5,700.0	90.75	273.11	4,943.2	49.6	-912.6	913.9	0.00	0.00	0.00
5,800.0	90.75	273.11	4,941.9	55.0	-1,012.4	1,013.9	0.00	0.00	0.00
5,900.0	90.75	273.11	4,940.6	60.4	-1,112.3	1,113.9	0.00	0.00	0.00
6,000.0	90.75	273.11	4,939.2	65.9	-1,212.1	1,213.9	0.00	0.00	0.00
6,100.0	90.75	273.11	4,937.9	71.3	-1,312.0	1,313.9	0.00	0.00	0.00
6,200.0	90.75	273.11	4,936.6	76.7	-1,411.8	1,413.9	0.00	0.00	0.00
6,300.0	90.75	273.11	4,935.3	82.1	-1,511.6	1,513.9	0.00	0.00	0.00
6,400.0	90.75	273.11	4,934.0	87.5	-1,611.5	1,613.9	0.00	0.00	0.00
6,500.0	90.75	273.11	4,932.7	93.0	-1,711.3	1,713.9	0.00	0.00	0.00
6,600.0	90.75	273.11	4,931.4	98.4	-1,811.2	1,813.9	0.00	0.00	0.00
6,700.0	90.75	273.11	4,930.1	103.8	-1,911.0	1,913.8	0.00	0.00	0.00
6,800.0	90.75	273.11	4,928.8	109.2	-2,010.9	2,013.8	0.00	0.00	0.00
6,900.0	90.75	273.11	4,927.5	114.7	-2,110.7	2,113.8	0.00	0.00	0.00
7,000.0	90.75	273.11	4,926.2	120.1	-2,210.6	2,213.8	0.00	0.00	0.00
7,100.0	90.75	273.11	4,924.8	125.5	-2,310.4	2,313.8	0.00	0.00	0.00
7,200.0	90.75	273.11	4,923.5	130.9	-2,410.2	2,413.8	0.00	0.00	0.00
7,300.0	90.75	273.11	4,922.2	136.4	-2,510.1	2,513.8	0.00	0.00	0.00
7,400.0	90.75	273.11	4,920.9	141.8	-2,609.9	2,613.8	0.00	0.00	0.00
7,500.0	90.75	273.11	4,919.6	147.2	-2,709.8	2,713.8	0.00	0.00	0.00
7,600.0	90.75	273.11	4,918.3	152.6	-2,809.6	2,813.8	0.00	0.00	0.00
7,700.0	90.75	273.11	4,917.0	158.1	-2,909.5	2,913.8	0.00	0.00	0.00
7,800.0	90.75	273.11	4,915.7	163.5	-3,009.3	3,013.7	0.00	0.00	0.00
7,900.0	90.75	273.11	4,914.4	168.9	-3,109.2	3,113.7	0.00	0.00	0.00
8,000.0	90.75	273.11	4,913.1	174.3	-3,209.0	3,213.7	0.00	0.00	0.00
8,100.0	90.75	273.11	4,911.7	179.8	-3,308.8	3,313.7	0.00	0.00	0.00
8,200.0	90.75	273.11	4,910.4	185.2	-3,408.7	3,413.7	0.00	0.00	0.00
8,300.0	90.75	273.11	4,909.1	190.6	-3,508.5	3,513.7	0.00	0.00	0.00
8,400.0	90.75	273.11	4,907.8	196.0	-3,608.4	3,613.7	0.00	0.00	0.00
8,500.0	90.75	273.11	4,906.5	201.5	-3,708.2	3,713.7	0.00	0.00	0.00
8,600.0	90.75	273.11	4,905.2	206.9	-3,808.1	3,813.7	0.00	0.00	0.00
8,700.0	90.75	273.11	4,903.9	212.3	-3,907.9	3,913.7	0.00	0.00	0.00
8,768.2	90.75	273.11	4,903.0	216.0	-3,976.0	3,981.9	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
BHL (Congo A #1H) - plan hits target - Point	0.00	0.00	4,903.0	216.0	-3,976.0	706,710.00	455,297.00	32° 56' 33.847 N	104° 28' 44.578 W

SITE DETAILS: Congo A 10 Fee #1H

Site Centre Northing: 706494.00
Easting: 459273.00

Positional Uncertainity: 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	
4568.0	0.00	0.00	4568.0	0.0	0.0	0.00	0.00	0.0	
5168.0	90.00	273.11	4950.0	20.7	-381.4	15.00	273.11	382.0	
5193.0	90.75	273.11	4949.8	22.1	-406.4	3.00	-0.03	407.0	
8768.2	90.75	273.11	4903.0	216.0	-3976.0	0.00	0.00	3981.8	
8768.2	90.75	273.11	4903.0	216.0	-3976.0	3.00	110.07	3981.9	BHL (Congo A #1H)