

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

State of New Mexico

Form C-102

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

Energy, Minerals, and Natural Resources Department

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

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

OIL CONSERVATION DIVISION

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 30-015-34682		² Pool Code 75250		³ Pool Name Cottonwood Creek; WC V... (gas)	
⁴ Property Code		⁵ Property Name CONGO "A" 10 FEE			⁶ Well Number 2H
⁷ OGRID No. 7377		⁸ Operator Name EOG RESOURCES, INC.			⁹ Elevation 3458'

¹⁰ Surface Location

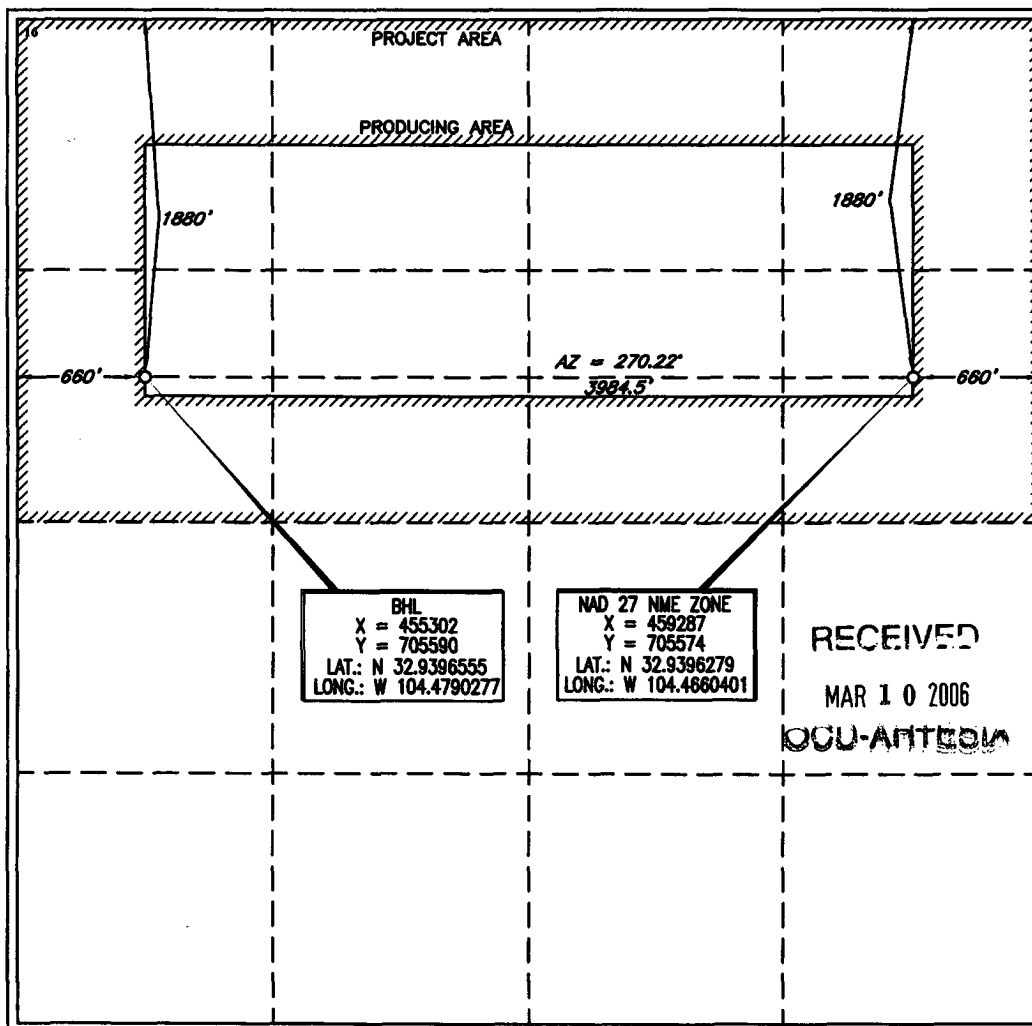
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	10	16 SOUTH	25 EAST, N.M.P.M.		1880'	NORTH	660'	EAST	EDDY

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
E	10	16 SOUTH	25 EAST, N.M.P.M.		1880'	NORTH	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



¹⁷ **OPERATOR CERTIFICATION**

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

Donny G. Glanton

Signature

Donny G. Glanton

Printed Name

Agent

Title

3/8/2006

Date

¹⁸ **SURVEYOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the survey was made by me or under my supervision, and that the survey was made in accordance with the laws of the State of New Mexico.

V. A. Bezner

Signature

Surveyor

Professional Surveyor

7920

NOVEMBER 10, 2005

Date of Survey

Signature and Seal of Professional Surveyor

7920

NOVEMBER 10, 2005

Date of Survey

Signature and Seal of Professional Surveyor

7920

NOVEMBER 10, 2005

Date of Survey

Signature and Seal of Professional Surveyor

7920

NOVEMBER 10, 2005

Date of Survey

Signature and Seal of Professional Surveyor

7920

NOVEMBER 10, 2005

Permit Information:

Well Name: Congo A 10 Fee #2H

Location:

SL 1880' FNL & 660' FEL, Section 10, T-16-S, R-25-E, Eddy Co., N.M.

BHL 1880' 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	8,771'	7-7/8"	5 1/2"	17#	N-80	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
8,771'	400	Lead: Interfill C + 1/4 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' - 8,771'	Polymer (Lateral)	9.0-9.4	40-45	10-20

RECEIVED

MAR 10 2006

OCC-AMTEDIA



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 H₂S Contingency Plan for the Congo A 10 Fee #2H. 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,

A handwritten signature in black ink, appearing to read "Jason LaGrega", written over a horizontal line.

Jason LaGrega
Drilling Engineer

RECEIVED
MAR 10 2006
OCU-ARTESIA

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Congo A 10 Fee #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3476.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3476.0ft (Original Well Elev)
Site:	Congo A 10 Fee #2H	North Reference:	Grid
Well:	Congo A 10 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Congo A 10 Fee #2H		
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 #2H		
Site Position:		Northing:	705,574.00 ft
From:	Map	Easting:	459,287.00 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	32° 56' 22.658 N
		Longitude:	104° 27' 57.740 W
		Grid Convergence:	-0.07 °

Well	Congo A 10 Fee #2H		
Well Position	+N/-S	0.0 ft	Northing: 705,574.00 ft
	+E/-W	0.0 ft	Easting: 459,287.00 ft
Position Uncertainty	0.0 ft		Wellhead Elevation: ft
			Latitude: 32° 56' 22.658 N
			Longitude: 104° 27' 57.740 W
			Ground Level: 3,458.0ft

Wellbore	Congo A 10 Fee #2H		
Magnetics	Model Name	Sample Date	Declination
	IGRF2005	3/3/2006	(°)
			8.65
			Dip Angle
			(°)
			60.80
			Field Strength
			(nT)
			49,460

Design	Plan #1		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	4,903.0	0.0	0.0
			Direction
			(°)
			270.23

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	(°)	
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	270.23	4,950.0	1.5	-382.0	15.00	15.00	0.00	270.23	
5,193.0	90.75	270.23	4,949.8	1.6	-407.0	3.00	3.00	0.00	0.00	
8,771.4	90.75	270.23	4,903.0	16.0	-3,985.0	0.00	0.00	0.00	0.00	
8,771.4	90.75	270.23	4,903.0	16.0	-3,985.0	3.00	2.93	-0.29	-5.66	BHL (Congo A #2H)

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Congo A 10 Fee #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3476.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3476.0ft (Original Well Elev)
Site:	Congo A 10 Fee #2H	North Reference:	Grid
Well:	Congo A 10 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Congo A 10 Fee #2H		
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	270.23	4,600.0	0.0	-1.3	1.3	15.00	15.00	0.00
4,700.0	19.80	270.23	4,697.4	0.1	-22.6	22.6	15.00	15.00	0.00
4,800.0	34.80	270.23	4,786.0	0.3	-68.3	68.3	15.00	15.00	0.00
4,900.0	49.80	270.23	4,859.7	0.5	-135.4	135.4	15.00	15.00	0.00
5,000.0	64.80	270.23	4,913.6	0.9	-219.3	219.3	15.00	15.00	0.00
5,100.0	79.80	270.23	4,943.9	1.3	-314.3	314.3	15.00	15.00	0.00
5,168.0	90.00	270.23	4,950.0	1.5	-382.0	382.0	15.00	15.00	0.00

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Well:	Congo A 10 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Congo A 10 Fee #2H		
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	270.23	4,949.8	1.6	-407.0	407.0	3.00	3.00	0.00
5,200.0	90.75	270.23	4,949.7	1.7	-414.0	414.0	0.00	0.00	0.00
5,300.0	90.75	270.23	4,948.4	2.1	-514.0	514.0	0.00	0.00	0.00
5,400.0	90.75	270.23	4,947.1	2.5	-613.9	614.0	0.00	0.00	0.00
5,500.0	90.75	270.23	4,945.8	2.9	-713.9	713.9	0.00	0.00	0.00
5,600.0	90.75	270.23	4,944.5	3.3	-813.9	813.9	0.00	0.00	0.00
5,700.0	90.75	270.23	4,943.2	3.7	-913.9	913.9	0.00	0.00	0.00
5,800.0	90.75	270.23	4,941.9	4.1	-1,013.9	1,013.9	0.00	0.00	0.00
5,900.0	90.75	270.23	4,940.6	4.5	-1,113.9	1,113.9	0.00	0.00	0.00
6,000.0	90.75	270.23	4,939.3	4.9	-1,213.9	1,213.9	0.00	0.00	0.00
6,100.0	90.75	270.23	4,937.9	5.3	-1,313.9	1,313.9	0.00	0.00	0.00
6,200.0	90.75	270.23	4,936.6	5.7	-1,413.9	1,413.9	0.00	0.00	0.00
6,300.0	90.75	270.23	4,935.3	6.1	-1,513.9	1,513.9	0.00	0.00	0.00
6,400.0	90.75	270.23	4,934.0	6.5	-1,613.9	1,613.9	0.00	0.00	0.00
6,500.0	90.75	270.23	4,932.7	6.9	-1,713.8	1,713.9	0.00	0.00	0.00
6,600.0	90.75	270.23	4,931.4	7.3	-1,813.8	1,813.9	0.00	0.00	0.00
6,700.0	90.75	270.23	4,930.1	7.7	-1,913.8	1,913.8	0.00	0.00	0.00
6,800.0	90.75	270.23	4,928.8	8.1	-2,013.8	2,013.8	0.00	0.00	0.00
6,900.0	90.75	270.23	4,927.5	8.5	-2,113.8	2,113.8	0.00	0.00	0.00
7,000.0	90.75	270.23	4,926.2	8.9	-2,213.8	2,213.8	0.00	0.00	0.00
7,100.0	90.75	270.23	4,924.9	9.3	-2,313.8	2,313.8	0.00	0.00	0.00
7,200.0	90.75	270.23	4,923.6	9.7	-2,413.8	2,413.8	0.00	0.00	0.00
7,300.0	90.75	270.23	4,922.2	10.1	-2,513.8	2,513.8	0.00	0.00	0.00
7,400.0	90.75	270.23	4,920.9	10.5	-2,613.8	2,613.8	0.00	0.00	0.00
7,500.0	90.75	270.23	4,919.6	10.9	-2,713.8	2,713.8	0.00	0.00	0.00
7,600.0	90.75	270.23	4,918.3	11.3	-2,813.7	2,813.8	0.00	0.00	0.00
7,700.0	90.75	270.23	4,917.0	11.7	-2,913.7	2,913.8	0.00	0.00	0.00
7,800.0	90.75	270.23	4,915.7	12.1	-3,013.7	3,013.7	0.00	0.00	0.00
7,900.0	90.75	270.23	4,914.4	12.5	-3,113.7	3,113.7	0.00	0.00	0.00
8,000.0	90.75	270.23	4,913.1	12.9	-3,213.7	3,213.7	0.00	0.00	0.00
8,100.0	90.75	270.23	4,911.8	13.3	-3,313.7	3,313.7	0.00	0.00	0.00
8,200.0	90.75	270.23	4,910.5	13.7	-3,413.7	3,413.7	0.00	0.00	0.00
8,300.0	90.75	270.23	4,909.2	14.1	-3,513.7	3,513.7	0.00	0.00	0.00
8,400.0	90.75	270.23	4,907.9	14.5	-3,613.7	3,613.7	0.00	0.00	0.00
8,500.0	90.75	270.23	4,906.5	14.9	-3,713.7	3,713.7	0.00	0.00	0.00
8,600.0	90.75	270.23	4,905.2	15.3	-3,813.6	3,813.7	0.00	0.00	0.00
8,700.0	90.75	270.23	4,903.9	15.7	-3,913.6	3,913.7	0.00	0.00	0.00
8,771.4	90.75	270.23	4,903.0	16.0	-3,985.0	3,985.0	0.00	0.00	0.00

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
BHL (Congo A #2H)	0.00	0.00	4,903.0	16.0	-3,985.0	705,590.00	455,302.00	32° 56' 22.764 N	104° 28' 44.501 W
- plan hits target									
- Point									

SITE DETAILS: Congo A 10 Fee #2H

Site Centre Northing: 705574.00
Easting: 459287.00

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	
4568.0	0.00	0.00	4568.0	0.0	0.0	0.00	0.00	0.0	
5168.0	90.00	270.23	4950.0	1.5	-382.0	15.00	270.23	382.0	
5193.0	90.75	270.23	4949.8	1.6	-407.0	3.00	0.00	407.0	
8771.4	90.75	270.23	4903.0	16.0	-3985.0	0.00	0.00	3985.0	
8771.4	90.75	270.23	4903.0	16.0	-3985.0	3.00	-5.66	3985.0	BHL (Congo A #2H)

