

30.015.35383



EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(432) 686-3600

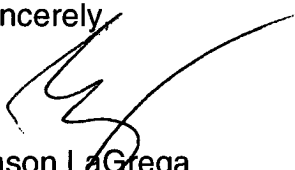
January 15, 2007

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 Yangtze A 3 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

EOG RESOURCES INC.

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Yangtze A 3 Fee #1H
Well: Yangtze A 3 Fee #1H
Wellbore: Yangtze A 3 Fee #1H
Design: Original Plan

Local Co-ordinate Reference: Well Yangtze A 3 Fee #1H
TVD Reference: WELL @ 3481.00ft (Original Well Elev)
MD Reference: WELL @ 3481.00ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project Thames

Map System: US State Plane 1927 (Exact solution) **System Datum:** Ground Level
Geo Datum: NAD 1927 (NADCON CONUS)
Map Zone: New Mexico East 3001

Site Yangtze A 3 Fee #1H

Site Position: **Northing:** 713,579.10ft **Latitude:** 32° 57' 41.874 N
From: Map **Easting:** 459,642.70ft **Longitude:** 104° 27' 53.683 W
Position Uncertainty: 0.00 ft **Slot Radius:** " **Grid Convergence:** -0.07 °

Well Yangtze A 3 Fee #1H

Well Position **+N/-S** 0.00 ft **Northing:** 713,579.10ft **Latitude:** 32° 57' 41.874 N
 +E/-W 0.00 ft **Easting:** 459,642.70ft **Longitude:** 104° 27' 53.683 W
Position Uncertainty 0.00 ft **Wellhead Elevation:** ft **Ground Level:** 3,463.00ft

Wellbore Yangtze A 3 Fee #1H

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005	1/15/2007	8.56	60.80	49,357

Design Original Plan

Audit Notes:
Version: **Phase:** PROTOTYPE **Tie On Depth:** 0.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	4,778.00	0.00	0.00	270.14

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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,250.00	0.00	0.00	4,250.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,965.08	70.00	270.13	4,800.00	0.87	-385.11	9.79	9.79	0.00	270.13	
5,254.48	90.00	270.13	4,850.00	1.52	-668.68	6.91	6.91	0.00	0.00	
6,254.48	90.00	270.13	4,850.00	3.79	-1,668.67	0.00	0.00	0.00	0.00	
6,321.44	92.01	270.14	4,848.83	3.94	-1,735.61	3.00	3.00	0.02	0.30	
8,912.53	92.01	270.14	4,758.01	10.30	-4,325.11	0.00	0.00	0.00	0.00	
8,912.82	92.00	270.14	4,758.00	10.30	-4,325.40	3.00	-2.99	-0.21	-175.92	BHL (Yangtze A #1)

EOG RESOURCES INC.

Planning Report

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Company: EOG - Midland (3)
Project: Thames
Site: Yangtze A 3 Fee #1H
Well: Yangtze A 3 Fee #1H
Wellbore: Yangtze A 3 Fee #1H
Design: Original Plan

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TVD Reference: WELL @ 3481.00ft (Original Well Elev)
MD Reference: WELL @ 3481.00ft (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)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,250.00	0.00	0.00	4,250.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	4.89	270.13	4,299.94	0.00	-2.13	2.13	9.79	9.79	0.00
4,400.00	14.68	270.13	4,398.36	0.04	-19.12	19.12	9.79	9.79	0.00
4,500.00	24.47	270.13	4,492.47	0.12	-52.58	52.58	9.79	9.79	0.00
4,600.00	34.26	270.13	4,579.51	0.23	-101.57	101.57	9.79	9.79	0.00
4,700.00	44.05	270.13	4,656.96	0.37	-164.63	164.63	9.79	9.79	0.00
4,800.00	53.84	270.13	4,722.56	0.54	-239.95	239.95	9.79	9.79	0.00
4,900.00	63.63	270.13	4,774.39	0.74	-325.32	325.32	9.79	9.79	0.00
4,965.08	70.00	270.13	4,800.00	0.87	-385.11	385.11	9.79	9.79	0.00
5,000.00	72.41	270.13	4,811.25	0.95	-418.17	418.17	6.91	6.91	0.00
5,100.00	79.32	270.13	4,835.65	1.17	-515.09	515.09	6.91	6.91	0.00

EOG RESOURCES INC.

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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)
5,200.00	86.23	270.13	4,848.21	1.39	-614.23	614.24	6.91	6.91	0.00
5,254.48	90.00	270.13	4,850.00	1.52	-668.68	668.68	6.91	6.91	0.00
5,300.00	90.00	270.13	4,850.00	1.62	-714.19	714.20	0.00	0.00	0.00
5,400.00	90.00	270.13	4,850.00	1.85	-814.19	814.20	0.00	0.00	0.00
5,500.00	90.00	270.13	4,850.00	2.07	-914.19	914.20	0.00	0.00	0.00
5,600.00	90.00	270.13	4,850.00	2.30	-1,014.19	1,014.20	0.00	0.00	0.00
5,700.00	90.00	270.13	4,850.00	2.53	-1,114.19	1,114.20	0.00	0.00	0.00
5,800.00	90.00	270.13	4,850.00	2.75	-1,214.19	1,214.20	0.00	0.00	0.00
5,900.00	90.00	270.13	4,850.00	2.98	-1,314.19	1,314.20	0.00	0.00	0.00
6,000.00	90.00	270.13	4,850.00	3.21	-1,414.19	1,414.20	0.00	0.00	0.00
6,100.00	90.00	270.13	4,850.00	3.44	-1,514.19	1,514.20	0.00	0.00	0.00
6,200.00	90.00	270.13	4,850.00	3.66	-1,614.19	1,614.20	0.00	0.00	0.00
6,254.48	90.00	270.13	4,850.00	3.79	-1,668.67	1,668.68	0.00	0.00	0.00
6,300.00	91.37	270.14	4,849.46	3.89	-1,714.19	1,714.19	3.00	3.00	0.02
6,321.44	92.01	270.14	4,848.83	3.94	-1,735.61	1,735.62	3.00	3.00	0.02
6,400.00	92.01	270.14	4,846.07	4.14	-1,814.13	1,814.13	0.00	0.00	0.00
6,500.00	92.01	270.14	4,842.57	4.38	-1,914.07	1,914.07	0.00	0.00	0.00
6,600.00	92.01	270.14	4,839.06	4.63	-2,014.01	2,014.01	0.00	0.00	0.00
6,700.00	92.01	270.14	4,835.56	4.87	-2,113.94	2,113.95	0.00	0.00	0.00
6,800.00	92.01	270.14	4,832.05	5.12	-2,213.88	2,213.89	0.00	0.00	0.00
6,900.00	92.01	270.14	4,828.55	5.36	-2,313.82	2,313.83	0.00	0.00	0.00
7,000.00	92.01	270.14	4,825.04	5.61	-2,413.76	2,413.77	0.00	0.00	0.00
7,100.00	92.01	270.14	4,821.54	5.85	-2,513.70	2,513.70	0.00	0.00	0.00
7,200.00	92.01	270.14	4,818.03	6.10	-2,613.64	2,613.64	0.00	0.00	0.00
7,300.00	92.01	270.14	4,814.53	6.34	-2,713.57	2,713.58	0.00	0.00	0.00
7,400.00	92.01	270.14	4,811.02	6.59	-2,813.51	2,813.52	0.00	0.00	0.00
7,500.00	92.01	270.14	4,807.52	6.83	-2,913.45	2,913.46	0.00	0.00	0.00
7,600.00	92.01	270.14	4,804.01	7.08	-3,013.39	3,013.40	0.00	0.00	0.00
7,700.00	92.01	270.14	4,800.51	7.33	-3,113.33	3,113.34	0.00	0.00	0.00
7,800.00	92.01	270.14	4,797.00	7.57	-3,213.27	3,213.27	0.00	0.00	0.00
7,900.00	92.01	270.14	4,793.50	7.82	-3,313.20	3,313.21	0.00	0.00	0.00
8,000.00	92.01	270.14	4,789.99	8.06	-3,413.14	3,413.15	0.00	0.00	0.00
8,100.00	92.01	270.14	4,786.49	8.31	-3,513.08	3,513.09	0.00	0.00	0.00
8,200.00	92.01	270.14	4,782.98	8.55	-3,613.02	3,613.03	0.00	0.00	0.00
8,300.00	92.01	270.14	4,779.48	8.80	-3,712.96	3,712.97	0.00	0.00	0.00
8,400.00	92.01	270.14	4,775.97	9.04	-3,812.89	3,812.91	0.00	0.00	0.00
8,500.00	92.01	270.14	4,772.47	9.29	-3,912.83	3,912.84	0.00	0.00	0.00
8,600.00	92.01	270.14	4,768.96	9.53	-4,012.77	4,012.78	0.00	0.00	0.00
8,700.00	92.01	270.14	4,765.46	9.78	-4,112.71	4,112.72	0.00	0.00	0.00
8,800.00	92.01	270.14	4,761.95	10.02	-4,212.65	4,212.66	0.00	0.00	0.00
8,900.00	92.01	270.14	4,758.45	10.27	-4,312.59	4,312.60	0.00	0.00	0.00
8,912.53	92.01	270.14	4,758.01	10.30	-4,325.11	4,325.13	0.00	0.00	0.00
8,912.82	92.00	270.14	4,758.00	10.30	-4,325.40	4,325.41	3.00	-2.99	-0.21

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Yangtze A 3 Fee #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3481.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3481.00ft (Original Well Elev)
Site:	Yangtze A 3 Fee #1H	North Reference:	Grid
Well:	Yangtze A 3 Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Yangtze A 3 Fee #1H		
Design:	Original Plan		

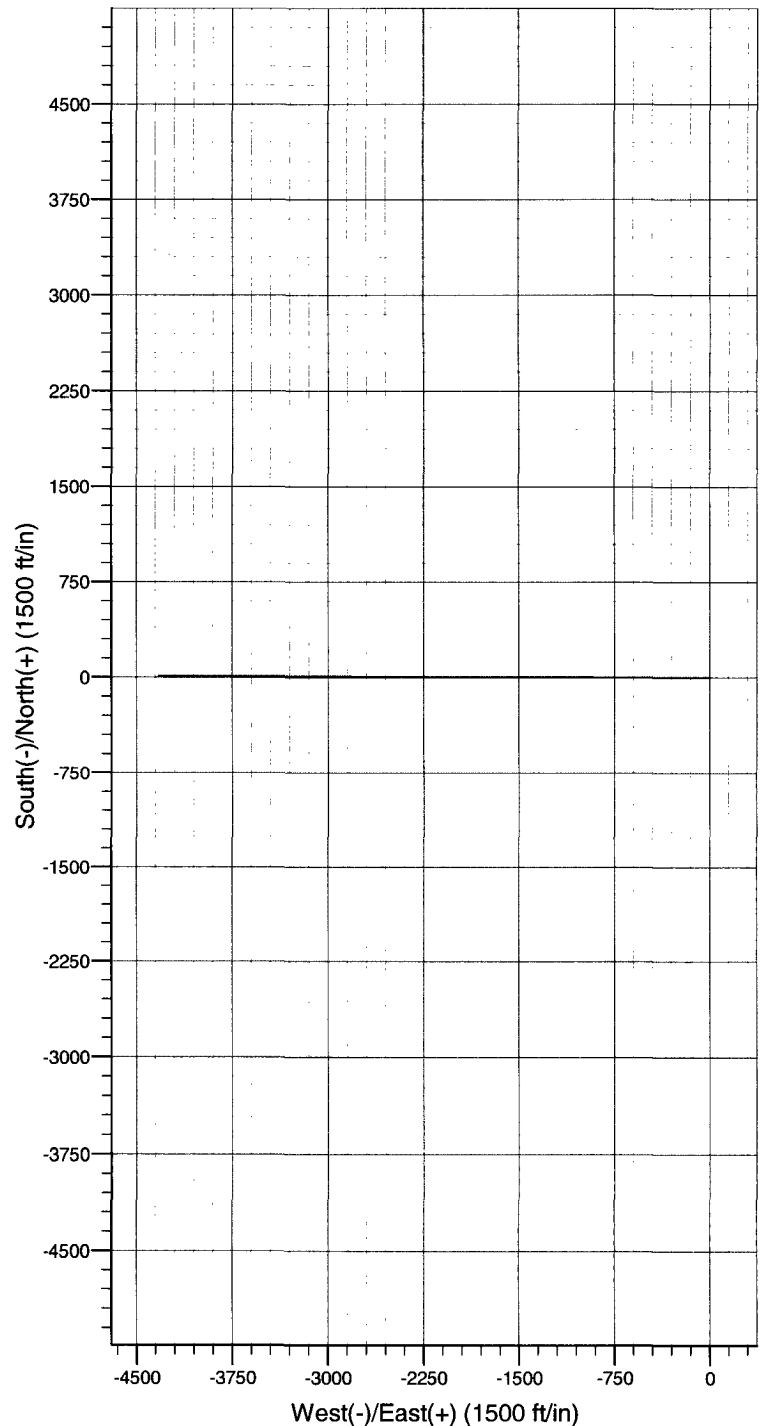
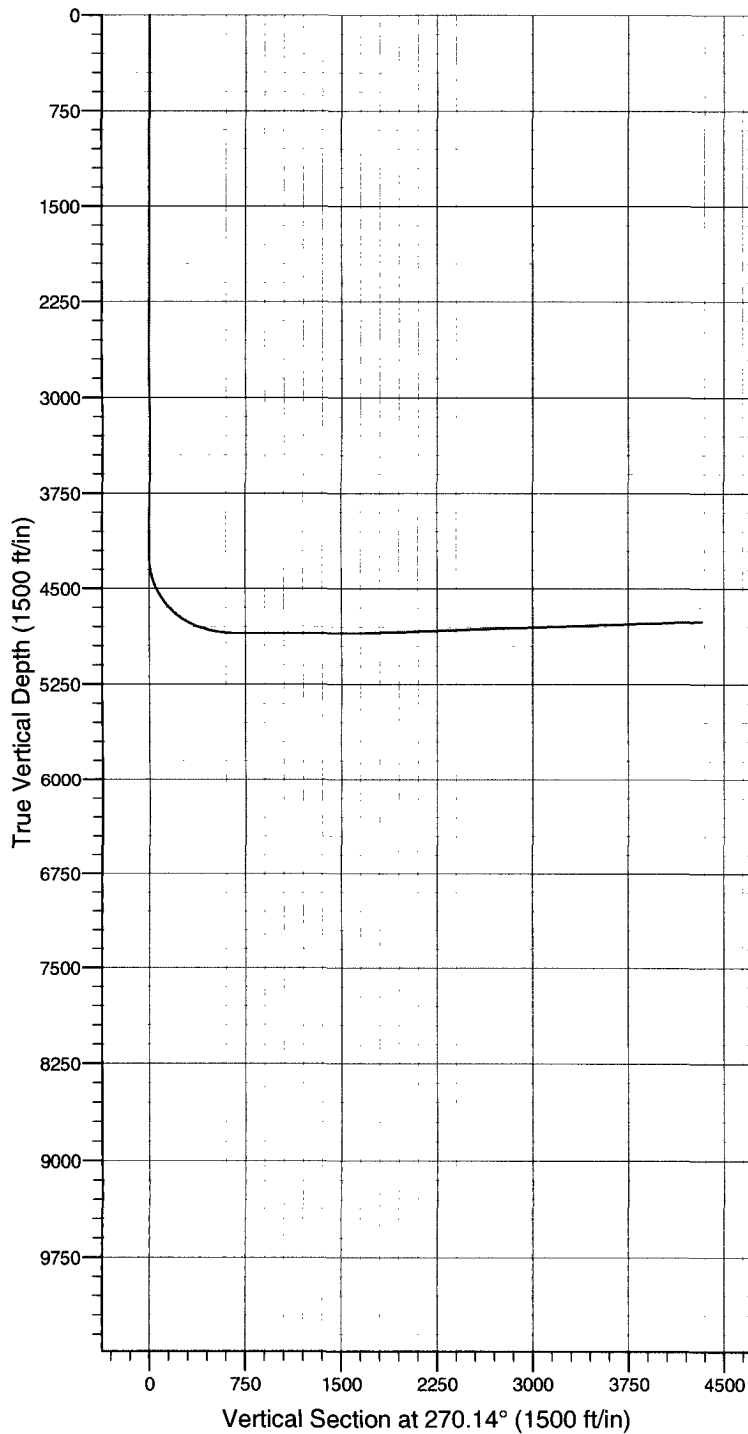
Targets									
Target Name	hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	
- Shape		(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	Latitude Longitude
PP (Yangtze A #1H)		0.00	0.00	4,800.00	0.80	-350.00	713,579.90	459,292.70	32° 57' 41.878 N 104° 27' 57.791 W
- plan misses by 35.11ft at 4965.08ft MD (4800.00 TVD, 0.87 N, -385.11 E)									
- Point									
BHL (Yangtze A #1H)		0.00	0.00	4,758.00	10.30	-4,325.40	713,589.40	455,317.30	32° 57' 41.920 N 104° 28' 44.452 W
- plan hits target									
- Point									

WELL DETAILS: Yangtze A 3 Fee #1H

+N/-S	+E/-W	Northing	Ground Level:	3463.00	Latitude	Longitude	Slot
0.00	0.00	713579.10	Easting	459642.70	32° 57' 41.874 N	104° 27' 53.683 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4250.00	0.00	0.00	4250.00	0.00	0.00	0.00	0.00	0.00	
4965.08	70.00	270.13	4800.00	0.87	-385.11	9.79	270.13	385.11	
5254.48	90.00	270.13	4850.00	1.52	-668.68	6.91	0.00	668.68	
6254.48	90.00	270.13	4850.00	3.79	-1668.67	0.00	0.00	1668.68	
6321.44	92.01	270.14	4848.83	3.94	-1735.61	3.00	0.30	1735.62	
8912.53	92.01	270.14	4758.01	10.30	-4325.11	0.00	0.00	4325.13	
8912.82	92.00	270.14	4758.00	10.30	-4325.40	3.00	-175.92	4325.41	BHL (Yangtze A #1H)



Arrant, Bryan, EMNRD

From: Arrant, Bryan, EMNRD
Sent: Monday, January 22, 2007 8:08 AM
To: 'Donny_Glanton@eogresources.com'
Cc: Gum, Tim, EMNRD; Ezeanyim, Richard, EMNRD
Subject: FW: Yangtze A 3 Fee # 1H/API #30--015-35383

From: Arrant, Bryan, EMNRD
Sent: Friday, January 22, 2007 3:05 PM
To: 'Donny_Glanton@eogresources.com'
Cc: Gum, Tim, EMNRD; Ezeanyim, Richard, EMNRD
Subject: Yangtze A 34 Fee # 1H/API #30--015-35383

Dear Mr. Donny Glanton,

Concerning the above noted APD recently approved on 1/ 22/2007, please note the additional condition of approval not noted on the electronic file.
NMOCD Rule 19.15.3.104(D)(a) requires that a NSP be obtained due to the spacing unit of 22 74. 96 acres.

Yours truly,

Bryan G. Arrant
District II Geologist
505-748-1283.
CC: Well file

1/22/2007