



EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
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June 29, 2006

30-015-35078

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 Medina 14 Fed Com #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,

A handwritten signature in black ink, appearing to read "Jason LaGrega", with a long, sweeping horizontal stroke extending to the right.

Jason LaGrega
Drilling Engineer

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Medina 14 Fed Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3631.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3631.0ft (Original Well Elev)
Site:	Medina 14 Fed Com #1H	North Reference:	Grid
Well:	Medina 14 Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Medina 14 Fed Com #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	Medina 14 Fed Com #1H		
Site Position:		Northing:	697,315.20 ft
From:	Map	Easting:	428,893.50 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	32° 55' 0.415 N
		Longitude:	104° 33' 54.172 W
		Grid Convergence:	-0.13 °

Well	Medina 14 Fed Com #1H		
Well Position	+N/-S	0.0 ft	Northing: 697,315.20 ft
	+E/-W	0.0 ft	Easting: 428,893.50 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	32° 55' 0.415 N
		Longitude:	104° 33' 54.172 W
		Ground Level:	3,613.0 ft

Wellbore	Medina 14 Fed Com #1H		
Magnetics	Model Name	Sample Date	Declination
	IGRF2005	6/29/2006	(°)
			8.66
			Dip Angle (°)
			60.75
			Field Strength (nT)
			49,399

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)
	4,695.0	0.0	0.0
			Direction (°)
			0.16

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth (ft)	(°)	(°)	Depth (ft)	(ft)	(ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)	(°)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,268.0	0.00	0.00	4,268.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,025.1	90.00	0.16	4,750.0	482.0	1.3	11.89	11.89	0.00	0.16	
6,543.1	90.00	0.16	4,750.0	2,000.0	5.6	0.00	0.00	0.00	0.00	
6,593.3	91.50	0.17	4,749.3	2,050.1	5.7	3.00	3.00	0.01	0.21	
8,662.8	91.50	0.17	4,695.0	4,119.0	11.7	0.00	0.00	0.00	0.00	
8,663.1	91.50	0.17	4,695.0	4,119.2	11.7	3.00	-2.09	2.16	134.09 BHL (Medina 14 #1)	

Planning Report

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Project:	Thames	MD Reference:	WELL @ 3631.0ft (Original Well Elev)
Site:	Medina 14 Fed Com #1H	North Reference:	Grid
Well:	Medina 14 Fed Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Medina 14 Fed Com #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
4,268.0	0.00	0.00	4,268.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	3.80	0.16	4,300.0	1.1	0.0	1.1	11.89	11.89	0.00
4,400.0	15.69	0.16	4,398.4	18.0	0.1	18.0	11.89	11.89	0.00
4,500.0	27.58	0.16	4,491.1	54.8	0.2	54.8	11.89	11.89	0.00
4,600.0	39.47	0.16	4,574.4	109.9	0.3	109.9	11.89	11.89	0.00
4,700.0	51.35	0.16	4,644.4	181.0	0.5	181.0	11.89	11.89	0.00
4,800.0	63.24	0.16	4,698.4	265.0	0.7	265.0	11.89	11.89	0.00
4,900.0	75.13	0.16	4,733.9	358.3	1.0	358.3	11.89	11.89	0.00
5,000.0	87.01	0.16	4,749.3	456.9	1.3	456.9	11.89	11.89	0.00
5,025.1	90.00	0.16	4,750.0	482.0	1.3	482.0	11.89	11.89	0.00
5,100.0	90.00	0.16	4,750.0	556.9	1.6	556.9	0.00	0.00	0.00

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Wellbore:	Medina 14 Fed Com #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)	
5,200.0	90.00	0.16	4,750.0	656.9	1.8	656.9	0.00	0.00	0.00	
5,300.0	90.00	0.16	4,750.0	756.9	2.1	756.9	0.00	0.00	0.00	
5,400.0	90.00	0.16	4,750.0	856.9	2.4	856.9	0.00	0.00	0.00	
5,500.0	90.00	0.16	4,750.0	956.9	2.7	956.9	0.00	0.00	0.00	
5,600.0	90.00	0.16	4,750.0	1,056.9	3.0	1,056.9	0.00	0.00	0.00	
5,700.0	90.00	0.16	4,750.0	1,156.9	3.2	1,156.9	0.00	0.00	0.00	
5,800.0	90.00	0.16	4,750.0	1,256.9	3.5	1,256.9	0.00	0.00	0.00	
5,900.0	90.00	0.16	4,750.0	1,356.9	3.8	1,356.9	0.00	0.00	0.00	
6,000.0	90.00	0.16	4,750.0	1,456.9	4.1	1,456.9	0.00	0.00	0.00	
6,100.0	90.00	0.16	4,750.0	1,556.9	4.3	1,556.9	0.00	0.00	0.00	
6,200.0	90.00	0.16	4,750.0	1,656.9	4.6	1,656.9	0.00	0.00	0.00	
6,300.0	90.00	0.16	4,750.0	1,756.9	4.9	1,756.9	0.00	0.00	0.00	
6,400.0	90.00	0.16	4,750.0	1,856.9	5.2	1,856.9	0.00	0.00	0.00	
6,500.0	90.00	0.16	4,750.0	1,956.9	5.5	1,956.9	0.00	0.00	0.00	
6,543.1	90.00	0.16	4,750.0	2,000.0	5.6	2,000.0	0.00	0.00	0.00	
6,593.3	91.50	0.17	4,749.3	2,050.1	5.7	2,050.2	3.00	3.00	0.01	
6,600.0	91.50	0.17	4,749.2	2,056.9	5.7	2,056.9	0.00	0.00	0.00	
6,700.0	91.50	0.17	4,746.5	2,156.8	6.0	2,156.8	0.00	0.00	0.00	
6,800.0	91.50	0.17	4,743.9	2,256.8	6.3	2,256.8	0.00	0.00	0.00	
6,900.0	91.50	0.17	4,741.3	2,356.8	6.6	2,356.8	0.00	0.00	0.00	
7,000.0	91.50	0.17	4,738.7	2,456.7	6.9	2,456.7	0.00	0.00	0.00	
7,100.0	91.50	0.17	4,736.0	2,556.7	7.2	2,556.7	0.00	0.00	0.00	
7,200.0	91.50	0.17	4,733.4	2,656.7	7.5	2,656.7	0.00	0.00	0.00	
7,300.0	91.50	0.17	4,730.8	2,756.6	7.8	2,756.6	0.00	0.00	0.00	
7,400.0	91.50	0.17	4,728.2	2,856.6	8.1	2,856.6	0.00	0.00	0.00	
7,500.0	91.50	0.17	4,725.5	2,956.5	8.3	2,956.6	0.00	0.00	0.00	
7,600.0	91.50	0.17	4,722.9	3,056.5	8.6	3,056.5	0.00	0.00	0.00	
7,700.0	91.50	0.17	4,720.3	3,156.5	8.9	3,156.5	0.00	0.00	0.00	
7,800.0	91.50	0.17	4,717.7	3,256.4	9.2	3,256.5	0.00	0.00	0.00	
7,900.0	91.50	0.17	4,715.0	3,356.4	9.5	3,356.4	0.00	0.00	0.00	
8,000.0	91.50	0.17	4,712.4	3,456.4	9.8	3,456.4	0.00	0.00	0.00	
8,100.0	91.50	0.17	4,709.8	3,556.3	10.1	3,556.4	0.00	0.00	0.00	
8,200.0	91.50	0.17	4,707.2	3,656.3	10.4	3,656.3	0.00	0.00	0.00	
8,300.0	91.50	0.17	4,704.5	3,756.3	10.7	3,756.3	0.00	0.00	0.00	
8,400.0	91.50	0.17	4,701.9	3,856.2	10.9	3,856.2	0.00	0.00	0.00	
8,500.0	91.50	0.17	4,699.3	3,956.2	11.2	3,956.2	0.00	0.00	0.00	
8,600.0	91.50	0.17	4,696.7	4,056.2	11.5	4,056.2	0.00	0.00	0.00	
8,662.8	91.50	0.17	4,695.0	4,119.0	11.7	4,119.0	0.00	0.00	0.00	
8,663.1	91.50	0.17	4,695.0	4,119.2	11.7	4,119.2	3.00	-2.09	2.16	

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 (Medina 14 #1H)	0.00	0.00	4,695.0	4,119.2	11.7	701,434.40	428,905.20	32° 55' 41.176 N	104° 33' 54.141 W
- plan hits target									
- Point									

SITE DETAILS: Medina 14 Fed Com #1H

Site Centre Northing: 697315.20
Easting: 428893.50

Positional Uncertainty: 0.0
Convergence: -0.13
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	
4268.0	0.00	0.00	4268.0	0.0	0.0	0.00	0.00	0.0	
5025.1	90.00	0.16	4750.0	482.0	1.3	11.89	0.16	482.0	
6543.1	90.00	0.16	4750.0	2000.0	5.6	0.00	0.00	2000.0	
6593.3	91.50	0.17	4749.3	2050.1	5.7	3.00	0.21	2050.2	
8662.8	91.50	0.17	4695.0	4119.0	11.7	0.00	0.00	4119.0	
8663.1	91.50	0.17	4695.0	4119.2	11.7	3.00	134.09	4119.2	BHL (Medina 14 #1H)

