



EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
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May 4, 2006

30-015-35015

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

RECEIVED

MAY 24 2006

U.S. DEPARTMENT OF THE INTERIOR

To Whom It May Concern:

I am writing to request a waiver for the inclusion of an H₂S Contingency Plan for the Hudson 15 Fed #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 "J. LaGrega", written over a horizontal line.

Jason LaGrega
Drilling Engineer

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Hudson 15 Fed #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3761.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3761.0ft (Original Well Elev)
Site:	Hudson 15 Fed #2H	North Reference:	Grid
Well:	Hudson 15 Fed #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hudson 15 Fed #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		Hudson 15 Fed #2H			
Site Position:		Northing:	666,982.00ft	Latitude:	32° 50' 0.228 N
From:	Map	Easting:	427,413.00ft	Longitude:	104° 34' 10.744 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	-0.13 °

Well	Hudson 15 Fed #2H					
Well Position	+N/-S	0.0 ft	Northing:	666,982.00 ft	Latitude:	32° 50' 0.228 N
	+E/-W	0.0 ft	Easting:	427,413.00 ft	Longitude:	104° 34' 10.744 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft	Ground Level:	3,743.0 ft	

Wellbore	Hudson 15 Fed #2H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005	5/4/2006	8.67	60.68	49,391

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	269.84

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(ft)	(ft)	Rate	Rate	Rate	(°)	
(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	
4,493.0	0.00	0.00	4,493.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,250.1	90.00	269.84	4,975.0	-1.3	-482.0	11.89	11.89	0.00	269.84	
6,768.4	90.00	269.84	4,975.0	-5.6	-2,000.3	0.00	0.00	0.00	0.00	
6,810.3	91.26	269.84	4,974.5	-5.7	-2,042.1	3.00	3.00	0.01	0.16	
8,751.4	91.26	269.84	4,932.0	-11.0	-3,982.8	0.00	0.00	0.00	0.00	
8,751.6	91.25	269.84	4,932.0	-11.0	-3,983.0	3.00	-2.53	-1.61	-147.65	BHL (Hudson 15 #2)

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Hudson 15 Fed #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3761.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3761.0ft (Original Well Elev)
Site:	Hudson 15 Fed #2H	North Reference:	Grid
Well:	Hudson 15 Fed #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hudson 15 Fed #2H		
Design:	Plan #1		

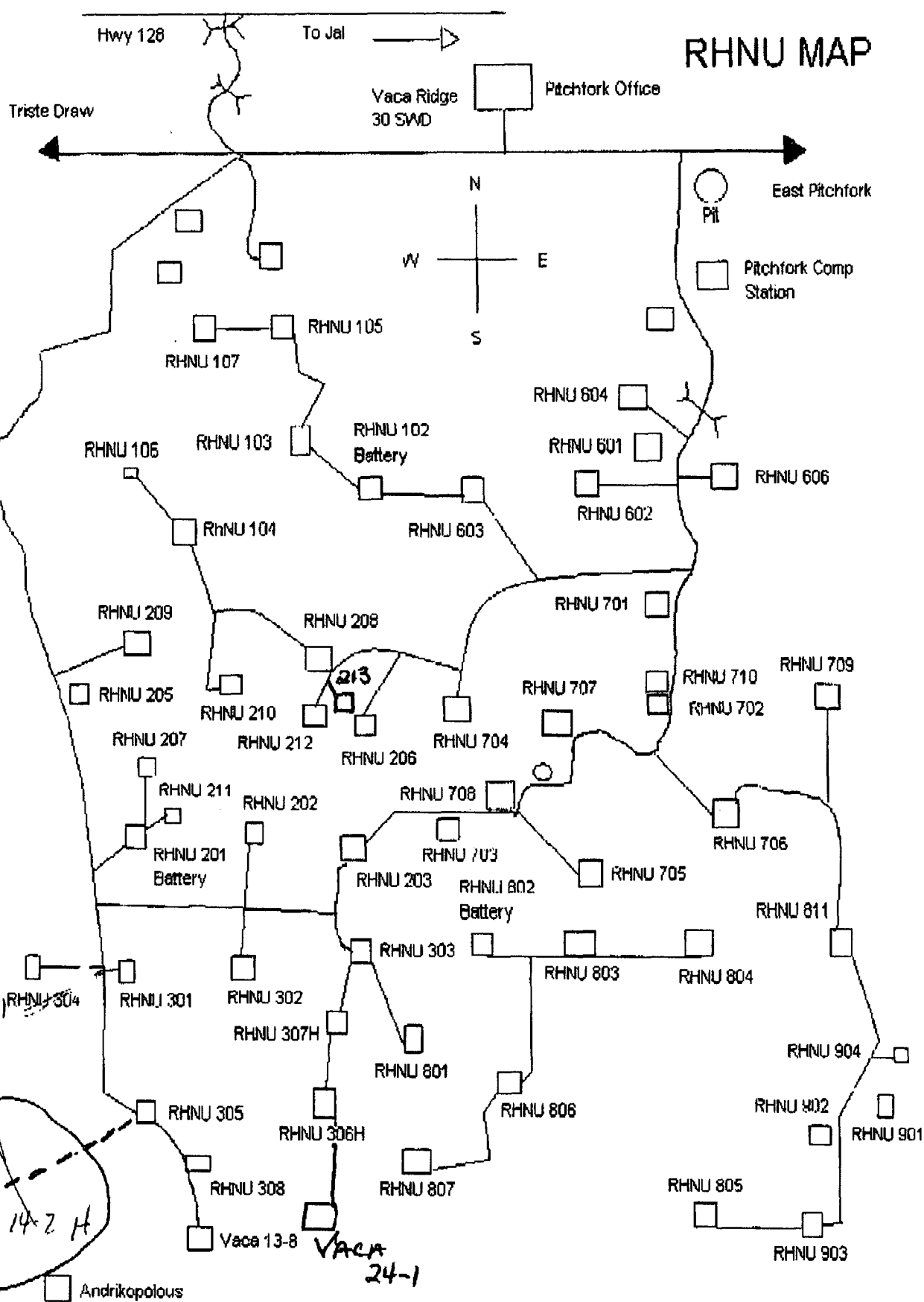
Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	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
4,493.0	0.00	0.00	4,493.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.83	269.84	4,500.0	0.0	-0.1	0.1	11.89	11.89	0.00
4,600.0	12.72	269.84	4,599.1	0.0	-11.8	11.8	11.89	11.89	0.00
4,700.0	24.61	269.84	4,693.7	-0.1	-43.8	43.8	11.89	11.89	0.00
4,800.0	36.49	269.84	4,779.7	-0.3	-94.5	94.5	11.89	11.89	0.00
4,900.0	48.38	269.84	4,853.3	-0.5	-161.9	161.9	11.89	11.89	0.00
5,000.0	60.27	269.84	4,911.5	-0.7	-243.0	243.0	11.89	11.89	0.00
5,100.0	72.15	269.84	4,951.8	-0.9	-334.3	334.3	11.89	11.89	0.00
5,200.0	84.04	269.84	4,972.4	-1.2	-432.0	432.0	11.89	11.89	0.00

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Wellbore:	Hudson 15 Fed #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)	
5,250.1	90.00	269.84	4,975.0	-1.3	-482.0	482.0	11.89	11.89	0.00	
5,300.0	90.00	269.84	4,975.0	-1.5	-531.9	531.9	0.00	0.00	0.00	
5,400.0	90.00	269.84	4,975.0	-1.8	-631.9	631.9	0.00	0.00	0.00	
5,500.0	90.00	269.84	4,975.0	-2.0	-731.9	731.9	0.00	0.00	0.00	
5,600.0	90.00	269.84	4,975.0	-2.3	-831.9	831.9	0.00	0.00	0.00	
5,700.0	90.00	269.84	4,975.0	-2.6	-931.9	931.9	0.00	0.00	0.00	
5,800.0	90.00	269.84	4,975.0	-2.9	-1,031.9	1,031.9	0.00	0.00	0.00	
5,900.0	90.00	269.84	4,975.0	-3.2	-1,131.9	1,131.9	0.00	0.00	0.00	
6,000.0	90.00	269.84	4,975.0	-3.4	-1,231.9	1,231.9	0.00	0.00	0.00	
6,100.0	90.00	269.84	4,975.0	-3.7	-1,331.9	1,331.9	0.00	0.00	0.00	
6,200.0	90.00	269.84	4,975.0	-4.0	-1,431.9	1,431.9	0.00	0.00	0.00	
6,300.0	90.00	269.84	4,975.0	-4.3	-1,531.9	1,531.9	0.00	0.00	0.00	
6,400.0	90.00	269.84	4,975.0	-4.6	-1,631.9	1,631.9	0.00	0.00	0.00	
6,500.0	90.00	269.84	4,975.0	-4.8	-1,731.9	1,731.9	0.00	0.00	0.00	
6,600.0	90.00	269.84	4,975.0	-5.1	-1,831.9	1,831.9	0.00	0.00	0.00	
6,700.0	90.00	269.84	4,975.0	-5.4	-1,931.9	1,931.9	0.00	0.00	0.00	
6,768.4	90.00	269.84	4,975.0	-5.6	-2,000.3	2,000.3	0.00	0.00	0.00	
6,800.0	90.95	269.84	4,974.7	-5.7	-2,031.9	2,031.9	3.00	3.00	0.01	
6,810.3	91.26	269.84	4,974.5	-5.7	-2,042.1	2,042.2	3.00	3.00	0.01	
6,900.0	91.26	269.84	4,972.6	-5.9	-2,131.8	2,131.9	0.00	0.00	0.00	
7,000.0	91.26	269.84	4,970.4	-6.2	-2,231.8	2,231.8	0.00	0.00	0.00	
7,100.0	91.26	269.84	4,968.2	-6.5	-2,331.8	2,331.8	0.00	0.00	0.00	
7,200.0	91.26	269.84	4,966.0	-6.8	-2,431.8	2,431.8	0.00	0.00	0.00	
7,300.0	91.26	269.84	4,963.8	-7.0	-2,531.7	2,531.8	0.00	0.00	0.00	
7,400.0	91.26	269.84	4,961.6	-7.3	-2,631.7	2,631.7	0.00	0.00	0.00	
7,500.0	91.26	269.84	4,959.4	-7.6	-2,731.7	2,731.7	0.00	0.00	0.00	
7,600.0	91.26	269.84	4,957.2	-7.9	-2,831.7	2,831.7	0.00	0.00	0.00	
7,700.0	91.26	269.84	4,955.0	-8.1	-2,931.6	2,931.7	0.00	0.00	0.00	
7,800.0	91.26	269.84	4,952.9	-8.4	-3,031.6	3,031.6	0.00	0.00	0.00	
7,900.0	91.26	269.84	4,950.7	-8.7	-3,131.6	3,131.6	0.00	0.00	0.00	
8,000.0	91.26	269.84	4,948.5	-8.9	-3,231.6	3,231.6	0.00	0.00	0.00	
8,100.0	91.26	269.84	4,946.3	-9.2	-3,331.6	3,331.6	0.00	0.00	0.00	
8,200.0	91.26	269.84	4,944.1	-9.5	-3,431.5	3,431.5	0.00	0.00	0.00	
8,300.0	91.26	269.84	4,941.9	-9.8	-3,531.5	3,531.5	0.00	0.00	0.00	
8,400.0	91.26	269.84	4,939.7	-10.0	-3,631.5	3,631.5	0.00	0.00	0.00	
8,500.0	91.26	269.84	4,937.5	-10.3	-3,731.5	3,731.5	0.00	0.00	0.00	
8,600.0	91.26	269.84	4,935.3	-10.6	-3,831.4	3,831.4	0.00	0.00	0.00	
8,700.0	91.26	269.84	4,933.1	-10.9	-3,931.4	3,931.4	0.00	0.00	0.00	
8,751.4	91.26	269.84	4,932.0	-11.0	-3,982.8	3,982.8	0.00	0.00	0.00	
8,751.6	91.25	269.84	4,932.0	-11.0	-3,983.0	3,983.0	3.00	-2.53	-1.61	

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 (Hudson 15 #2H)	0.00	0.00	4,932.0	-11.0	-3,983.0	666,971.00	423,430.00	32° 50' 0.028 N	104° 34' 57.425 W	
- plan hits target										
- Point										



SITE DETAILS: Hudson 15 Fed #2H

Site Centre Northing: 666982.00
Easting: 427413.00

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	
4493.0	0.00	0.00	4493.0	0.0	0.0	0.00	0.00	0.0	
5250.1	90.00	269.84	4975.0	-1.3	-482.0	11.89	269.84	482.0	
6768.4	90.00	269.84	4975.0	-5.6	-2000.3	0.00	0.00	2000.3	
6810.3	91.26	269.84	4974.5	-5.7	-2042.1	3.00	0.16	2042.2	
8751.4	91.26	269.84	4932.0	-11.0	-3982.8	0.00	0.00	3982.8	
8751.6	91.25	269.84	4932.0	-11.0	-3983.0	3.00	-147.65	3983.0	BHL (Hudson 15 #2H)

