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

August 28, 2006

OCD-Artesia
Att: Mr. Bryan Arrent
1301 W. Grand Avenue
Artesia, NM 88210

Re: Medina 14 Fed Com No. 1H
API: 30-015-35078

Dear Mr. Arrent:

The Federal APD has been approved for the subject well. Please find enclosed the following information, which corresponds to the subject well.

- Well Plat
- Detailed Casing
- Mud
- Cement
- Drilling Plan
- H₂S Letter

Should you have any additional questions, please feel to give me a call.

Thanks and best regards.

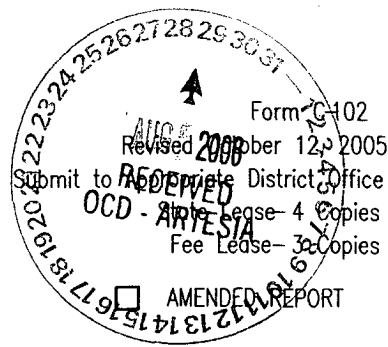
Very truly yours,

A handwritten signature in black ink, appearing to read "Donny G. Glanton".

Donny G. Glanton
Sr. Lease Operations ROW Representative

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505



WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35078	Pool Code	Pool Name Undes Cottonwood Creek; Wolfcamp West
Property Code	Property Name MEDINA 14 FED COM	Well Number 1H
OGRID No. 7377	Operator Name EOG RESOURCES INC.	Elevation 3614'

Surface Location

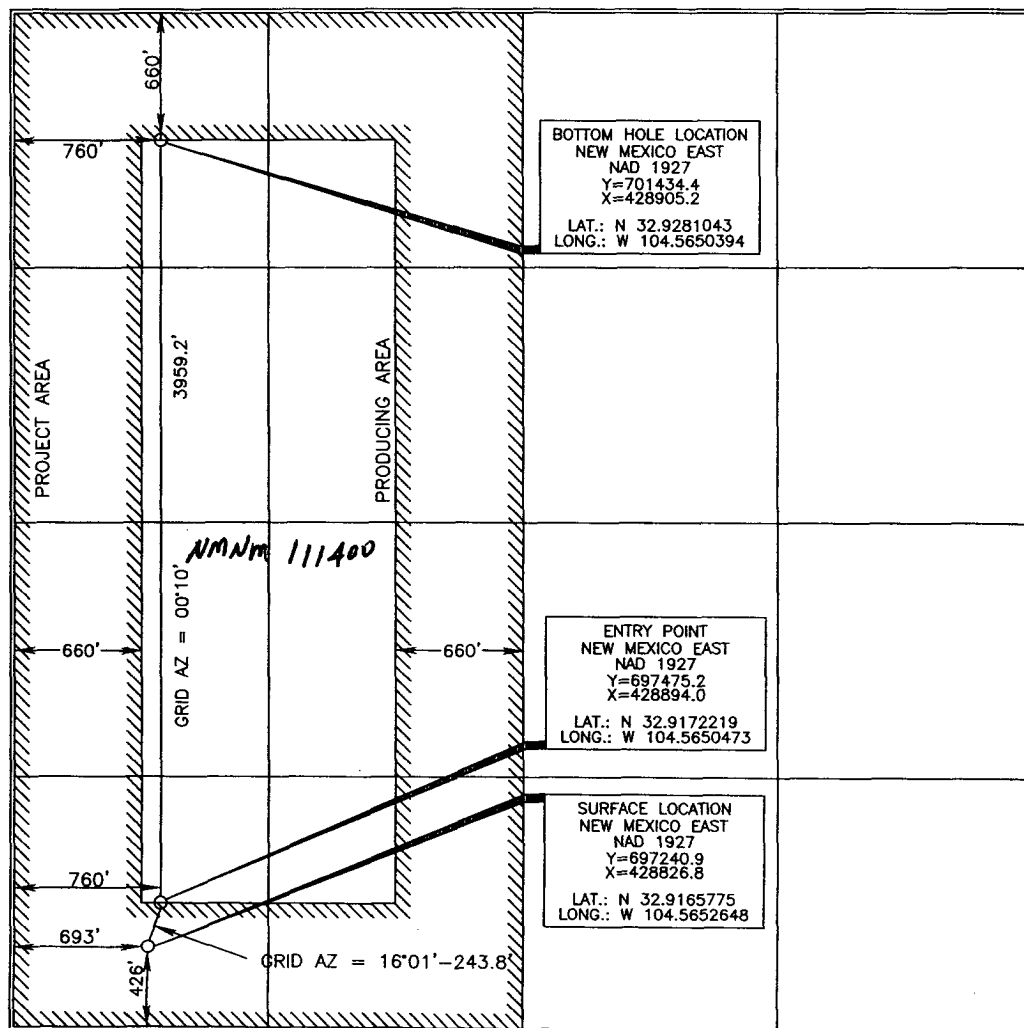
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	16 SOUTH	24 EAST, N.M.P.M.		426	SOUTH	693	WEST	EDDY

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	14	16 SOUTH	24 EAST, N.M.P.M.		660	NORTH	760	WEST	EDDY

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Donny G. Glanton 8/28/06
Signature Date

Donny G. Glanton
Printed Name

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.

Tony G. Asel 7/24/06
Date of Survey

Tony G. Asel
Signature and Seal of Professional Surveyor

Tony G. Asel 7/24/06
Certificate Number 15079

Permit Information:

Well Name: Medina 14 Fed Com #1H

Location:

SL 426' FSL & 693' FWL, Section 14, T-16-S, R-24-E, Eddy Co., N.M.
BHL 660' FNL & 760' FWL, Section 14, T-16-S, R-24-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	8,639'	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
8,639'	400	Lead: Interfill C + 1/4 pps Flocele
	350	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
4,268' – 8,639'	Polymer (Lateral)	9.0-9.4	40-45	10-25

SITE DETAILS: Medina 14 Fed Com #1H

Site Centre Northing: 697240.90
Easting: 428826.80

Positional Uncertainty: 0.0
Convergence: -0.13
Local North: Grid

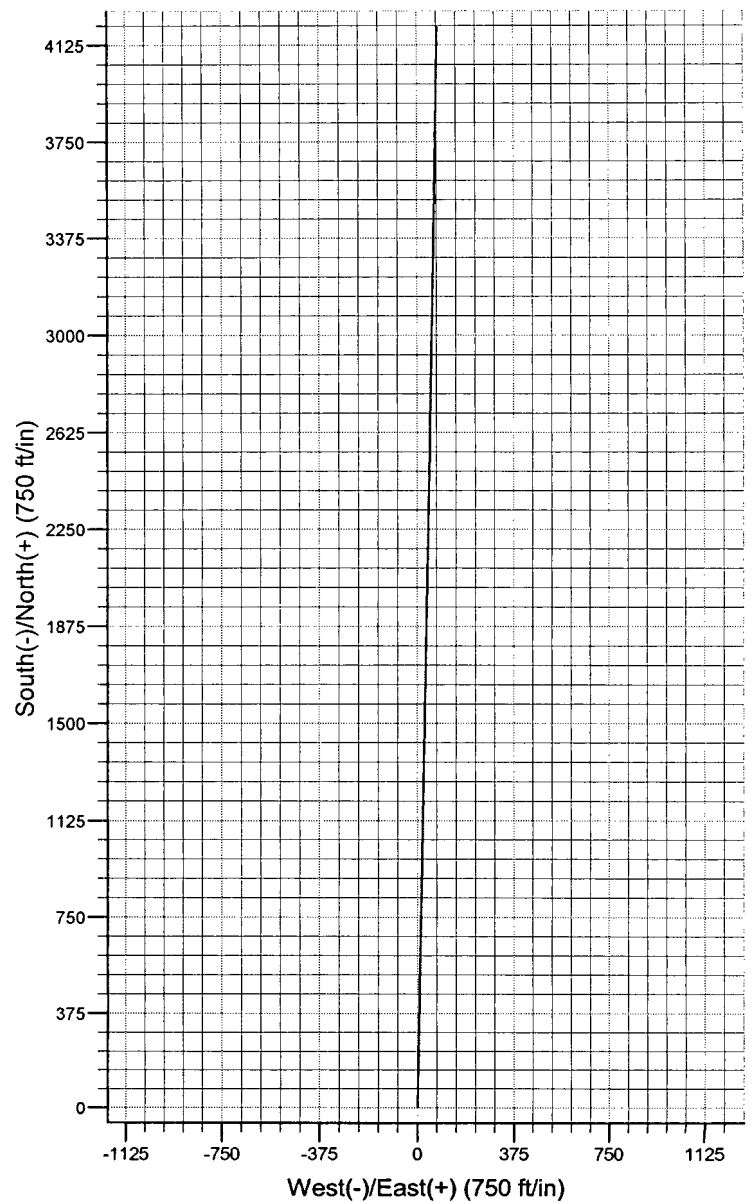
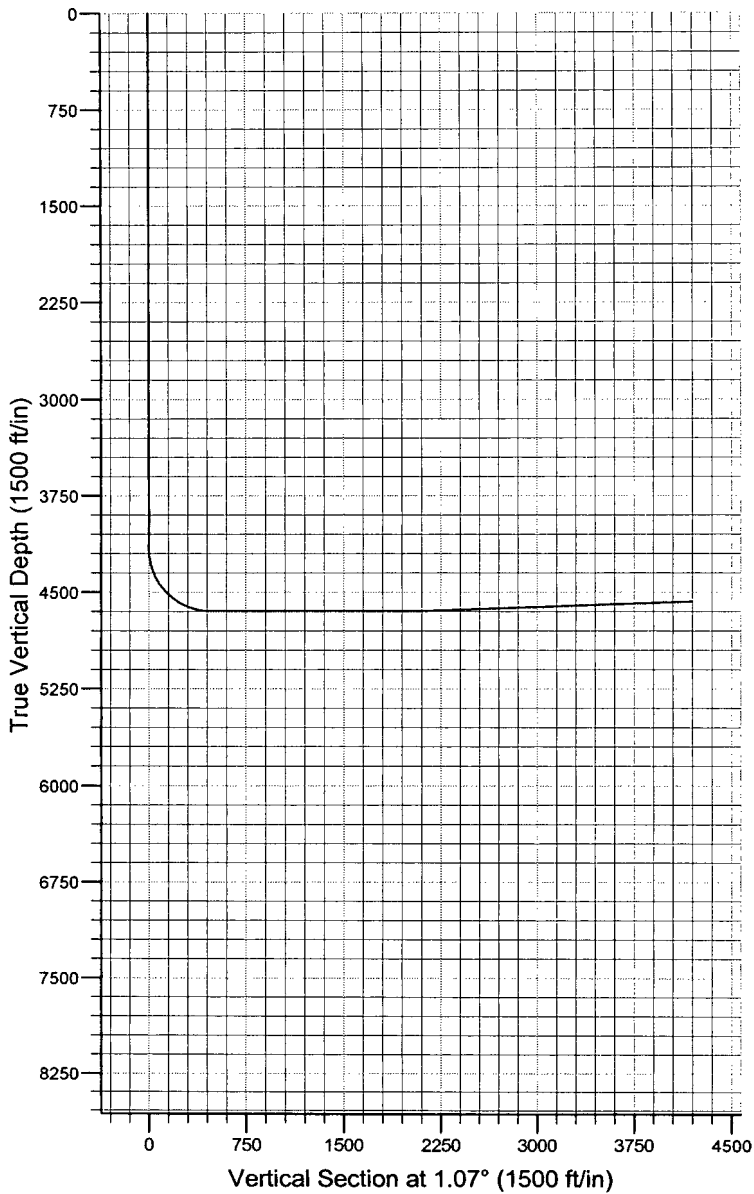
PROJECT DETAILS: Thames

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001

System Datum: Ground 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	
4168.0	0.00	0.00	4168.0	0.0	0.0	0.00	0.00	0.0	
4925.1	90.00	1.08	4650.0	481.9	9.1	11.89	1.08	482.0	
6443.2	90.00	1.08	4650.0	1999.7	37.7	0.00	0.00	2000.0	
6510.3	92.01	1.06	4648.8	2066.8	39.0	3.00	-0.49	2067.2	
8638.2	92.01	1.06	4574.0	4193.0	78.4	0.00	0.00	4193.7	
8638.7	92.00	1.06	4574.0	4193.5	78.4	3.00	-169.75	4194.2	BHL (Medina 14 #1H)



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:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Medina 14 Fed Com #1H				
Site Position:		Northing:	697,240.90ft	Latitude:	32° 54' 59.679 N
From:	Map	Easting:	428,826.80ft	Longitude:	104° 33' 54.953 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	-0.13 °

Well	Medina 14 Fed Com #1H					
Well Position	+N/-S	0.0 ft	Northing:	697,240.90ft	Latitude:	32° 54' 59.679 N
	+E/-W	0.0 ft	Easting:	428,826.80ft	Longitude:	104° 33' 54.953 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	3,614.0ft

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

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	1.07

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	
4,168.0	0.00	0.00	4,168.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,925.1	90.00	1.08	4,650.0	481.9	9.1	11.89	11.89	0.00	1.08	
6,443.2	90.00	1.08	4,650.0	1,999.7	37.7	0.00	0.00	0.00	0.00	
6,510.3	92.01	1.06	4,648.8	2,066.8	39.0	3.00	3.00	-0.03	-0.49	
8,638.2	92.01	1.06	4,574.0	4,193.0	78.4	0.00	0.00	0.00	0.00	
8,638.7	92.00	1.06	4,574.0	4,193.5	78.4	3.00	-2.95	-0.53	-169.75 BHL (Medina 14 #1	

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Medina 14 Fed Com #1H
Well: Medina 14 Fed Com #1H
Wellbore: Medina 14 Fed Com #1H
Design: Plan #1

Local Co-ordinate Reference: Well Medina 14 Fed Com #1H
TVD Reference: WELL @ 3631.0ft (Original Well Elev)
MD Reference: WELL @ 3631.0ft (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)
0.0	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
4,168.0	0.00	0.00	4,168.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	3.80	1.08	4,200.0	1.1	0.0	1.1	11.89	11.89	0.00
4,300.0	15.69	1.08	4,298.4	18.0	0.3	18.0	11.89	11.89	0.00
4,400.0	27.58	1.08	4,391.1	54.8	1.0	54.8	11.89	11.89	0.00
4,500.0	39.47	1.08	4,474.4	109.9	2.1	109.9	11.89	11.89	0.00
4,600.0	51.35	1.08	4,544.4	180.9	3.4	181.0	11.89	11.89	0.00
4,700.0	63.24	1.08	4,598.4	264.9	5.0	265.0	11.89	11.89	0.00
4,800.0	75.13	1.08	4,633.9	358.2	6.8	358.3	11.89	11.89	0.00
4,900.0	87.01	1.08	4,649.3	456.8	8.6	456.9	11.89	11.89	0.00
4,925.1	90.00	1.08	4,650.0	481.9	9.1	482.0	11.89	11.89	0.00
5,000.0	90.00	1.08	4,650.0	556.8	10.5	556.9	0.00	0.00	0.00
5,100.0	90.00	1.08	4,650.0	656.8	12.4	656.9	0.00	0.00	0.00

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Medina 14 Fed Com #1H
Well: Medina 14 Fed Com #1H
Wellbore: Medina 14 Fed Com #1H
Design: Plan #1

Local Co-ordinate Reference: Well Medina 14 Fed Com #1H
TVD Reference: WELL @ 3631.0ft (Original Well Elev)
MD Reference: WELL @ 3631.0ft (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)
5,200.0	90.00	1.08	4,650.0	756.7	14.3	756.9	0.00	0.00	0.00
5,300.0	90.00	1.08	4,650.0	856.7	16.2	856.9	0.00	0.00	0.00
5,400.0	90.00	1.08	4,650.0	956.7	18.0	956.9	0.00	0.00	0.00
5,500.0	90.00	1.08	4,650.0	1,056.7	19.9	1,056.9	0.00	0.00	0.00
5,600.0	90.00	1.08	4,650.0	1,156.7	21.8	1,156.9	0.00	0.00	0.00
5,700.0	90.00	1.08	4,650.0	1,256.7	23.7	1,256.9	0.00	0.00	0.00
5,800.0	90.00	1.08	4,650.0	1,356.6	25.6	1,356.9	0.00	0.00	0.00
5,900.0	90.00	1.08	4,650.0	1,456.6	27.5	1,456.9	0.00	0.00	0.00
6,000.0	90.00	1.08	4,650.0	1,556.6	29.3	1,556.9	0.00	0.00	0.00
6,100.0	90.00	1.08	4,650.0	1,656.6	31.2	1,656.9	0.00	0.00	0.00
6,200.0	90.00	1.08	4,650.0	1,756.6	33.1	1,756.9	0.00	0.00	0.00
6,300.0	90.00	1.08	4,650.0	1,856.5	35.0	1,856.9	0.00	0.00	0.00
6,400.0	90.00	1.08	4,650.0	1,956.5	36.9	1,956.9	0.00	0.00	0.00
6,443.2	90.00	1.08	4,650.0	1,999.7	37.7	2,000.0	0.00	0.00	0.00
6,500.0	91.71	1.07	4,649.2	2,056.5	38.8	2,056.9	3.00	3.00	-0.03
6,510.3	92.01	1.06	4,648.8	2,066.8	39.0	2,067.2	3.00	3.00	-0.03
6,600.0	92.01	1.06	4,645.7	2,156.4	40.6	2,156.8	0.00	0.00	0.00
6,700.0	92.01	1.06	4,642.2	2,256.3	42.5	2,256.7	0.00	0.00	0.00
6,800.0	92.01	1.06	4,638.6	2,356.3	44.3	2,356.7	0.00	0.00	0.00
6,900.0	92.01	1.06	4,635.1	2,456.2	46.2	2,456.6	0.00	0.00	0.00
7,000.0	92.01	1.06	4,631.6	2,556.1	48.0	2,556.6	0.00	0.00	0.00
7,100.0	92.01	1.06	4,628.1	2,656.0	49.9	2,656.5	0.00	0.00	0.00
7,200.0	92.01	1.06	4,624.6	2,756.0	51.7	2,756.4	0.00	0.00	0.00
7,300.0	92.01	1.06	4,621.1	2,855.9	53.6	2,856.4	0.00	0.00	0.00
7,400.0	92.01	1.06	4,617.5	2,955.8	55.4	2,956.3	0.00	0.00	0.00
7,500.0	92.01	1.06	4,614.0	3,055.7	57.3	3,056.3	0.00	0.00	0.00
7,600.0	92.01	1.06	4,610.5	3,155.6	59.1	3,156.2	0.00	0.00	0.00
7,700.0	92.01	1.06	4,607.0	3,255.6	61.0	3,256.1	0.00	0.00	0.00
7,800.0	92.01	1.06	4,603.5	3,355.5	62.9	3,356.1	0.00	0.00	0.00
7,900.0	92.01	1.06	4,600.0	3,455.4	64.7	3,456.0	0.00	0.00	0.00
8,000.0	92.01	1.06	4,596.5	3,555.3	66.6	3,555.9	0.00	0.00	0.00
8,100.0	92.01	1.06	4,592.9	3,655.2	68.4	3,655.9	0.00	0.00	0.00
8,200.0	92.01	1.06	4,589.4	3,755.2	70.3	3,755.8	0.00	0.00	0.00
8,300.0	92.01	1.06	4,585.9	3,855.1	72.1	3,855.8	0.00	0.00	0.00
8,400.0	92.01	1.06	4,582.4	3,955.0	74.0	3,955.7	0.00	0.00	0.00
8,500.0	92.01	1.06	4,578.9	4,054.9	75.8	4,055.6	0.00	0.00	0.00
8,600.0	92.01	1.06	4,575.4	4,154.8	77.7	4,155.6	0.00	0.00	0.00
8,638.2	92.01	1.06	4,574.0	4,193.0	78.4	4,193.7	0.00	0.00	0.00
8,638.7	92.00	1.06	4,574.0	4,193.5	78.4	4,194.2	3.00	-2.95	-0.53

Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
BHL (Medina 14 #1H)	0.00	0.00	4,574.0	4,193.5	78.4	701,434.40	428,905.20	32° 55' 41.176 N	104° 33' 54.141 W
- plan hits target									
- Point									



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

August 9, 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 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", written over the printed name.

Jason LaGrega
Drilling Engineer