

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

Form C-402
Revised October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34773	Pool Code 75010	Pool Name Collins Ranch; Wolfcamp (Gas)
Property Code 35589	Property Name PLATTE 23 FEE COM	Well Number 1H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3728'

Surface Location

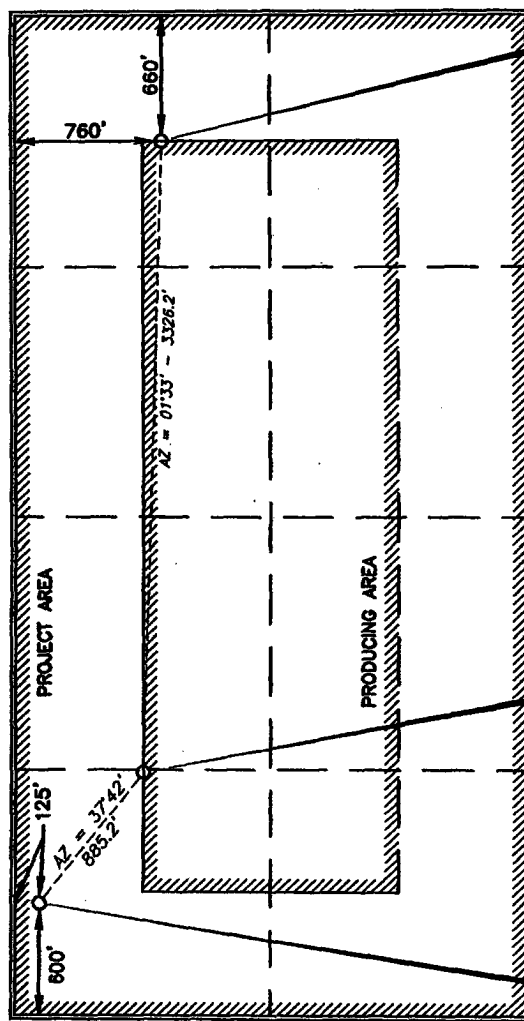
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	23	17 SOUTH	24 EAST, N.M.P.M.		600	SOUTH	125	WEST	EDDY

Bottom Hole Location If Different From Surface

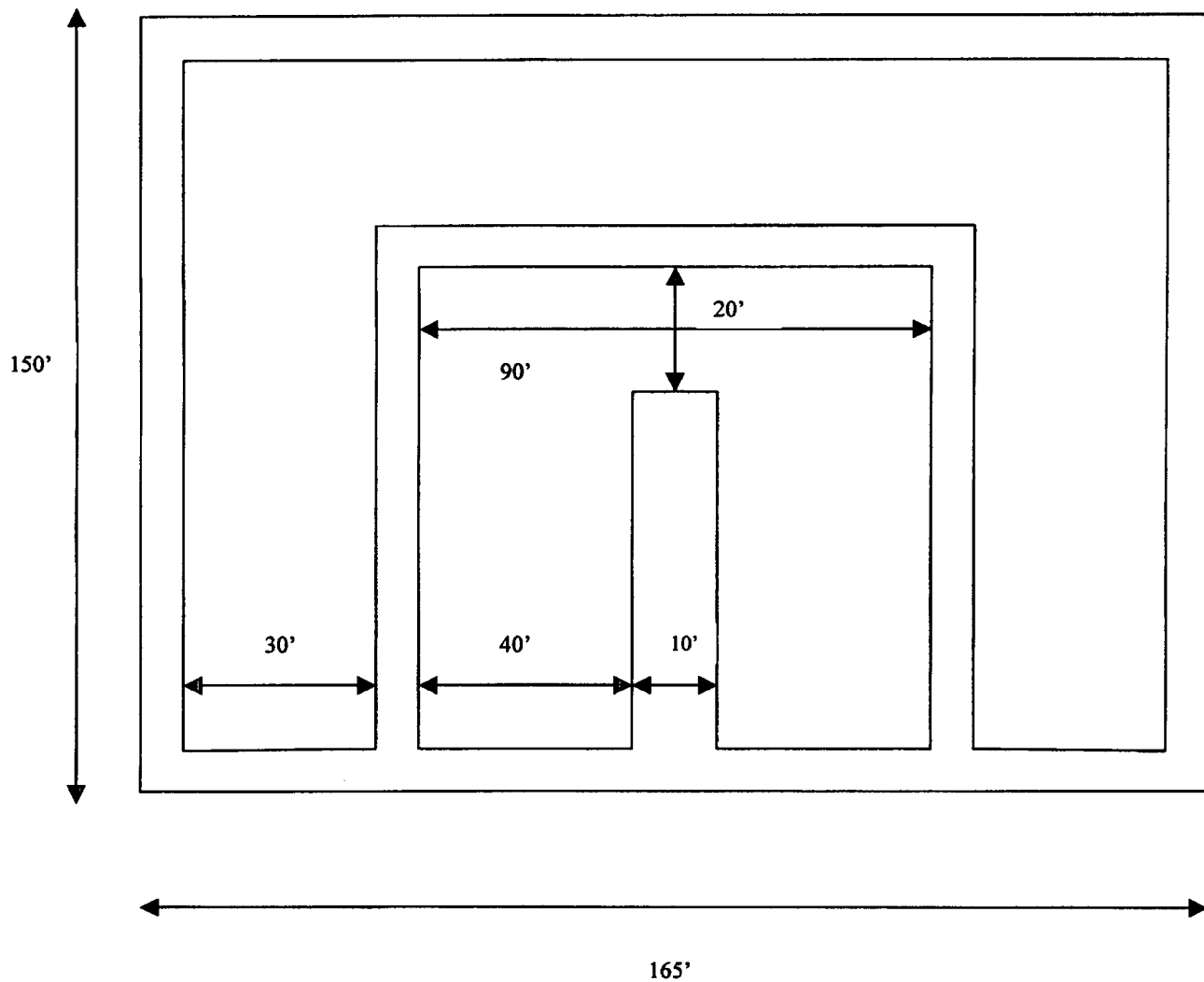
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	17 SOUTH	24 EAST, N.M.P.M.		660	NORTH	760	WEST	EDDY

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.

	BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=664447.2 X=428836.5 LAT.: N 32.8264381 LONG.: W 104.5849988	RECEIVED APR 10 2006 JUL-ART-EDDY	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. <u>Don J. Mott</u> 4/6/2006 Signature Date <u>Donny G. Glanton</u> Printed Name
	ENTRY POINT NEW MEXICO EAST NAD 1927 Y=661122.3 X=428747.0 LAT.: N 32.8172981 LONG.: W 104.5852881		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of a survey made by me or under my supervision, and that the same is true and correct to the best of my belief. MARCH 17, 2006 Date of Survey Signature and Seal of Professional Surveyor <u>Terry J. Asel</u> Certificate Number 15079
	SURFACE HOLE LOCATION NEW MEXICO EAST NAD 1927 Y=660421.9 X=428205.8 LAT.: N 32.8153698 LONG.: W 104.5870234		15079 Professional Land Surveyor WO# 060317ML (CDE)

New Mexico Double Horseshoe Reserve Pit Design



Approximate Inside Reserve Volume: 4500 bbls
Approximate Outside Reserve Volume: 5800 bbls

Permit Information:

Well Name: Platte 23 Fee Com #1H

Location:

SL 600' FSL & 125' FWL, Section 23, T-17-S, R-24-E, Eddy Co., N.M.

BHL 660' FNL & 760' FWL, Section 23, T-17-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'	11"	7"	23#	J-55	Surface
Production	8,890'	6-1/8"	4 1/2"	11.6#	P-110	Surface

Cement Program:

Depth	No. Sacks	Slurries:
900'	300	Lead: Premium Plus + 2% CaCl ₂ + 3% Econolite + 1/4 pps Flocele
	200	Tail: Premium Plus + 2% CaCl ₂ + 1/4 pps Flocele
8,890'	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 – 950'	Fresh - Gel	8.6-8.8	28-34	N/c
950' – 4,400'	Cut Brine	8.8-9.2	28-34	N/c
4,400' – 5,200'	Cut Brine	8.8-9.2	28-34	10-15
4,200' – 8,890'	Polymer (Lateral)	9.0-9.4	40-45	10-25



EOG Resources, Inc.
P.O. Box 2267
Midland, TX 79702
(915) 686-3600

April 3, 2006

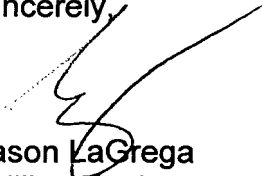
State of New Mexico Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED
APR 10 2006
UCC-ANTENNA

To Whom It May Concern:

I am writing to request a waiver for the inclusion of an H₂S Contingency Plan for the Platte 23 Fee 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,



Jason LaGrega
Drilling Engineer

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Platte 23 Fee Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3745.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3745.0ft (Original Well Elev)
Site:	Platte 23 Fee Com #1H	North Reference:	Grid
Well:	Platte 23 Fee Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Platte 23 Fee Com #1H		
Design:	Plan #2		

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	Platte 23 Fee Com #1H			
Site Position:		Northing:	660,421.90ft	Latitude: 32° 48' 55.331 N
From:	Map	Easting:	428,205.60ft	Longitude: 104° 34' 1.284 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence: -0.13 °

Well	Platte 23 Fee Com #1H			
Well Position	+N/-S	0.0 ft	Northing: 660,421.90 ft	Latitude: 32° 48' 55.331 N
	+E/-W	0.0 ft	Easting: 428,205.60 ft	Longitude: 104° 34' 1.284 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft	Ground Level: 3,728.0ft

Wellbore	Platte 23 Fee Com #1H				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2005	3/31/2006	(°)	(°)	(nT)
			8.68	60.66	49,362

Design	Plan #2			
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	8.91

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	
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,472.7	30.00	42.00	4,460.4	51.9	46.7	11.00	11.00	0.00	42.00	
4,622.7	30.00	42.00	4,590.3	107.6	96.9	0.00	0.00	0.00	0.00	
5,406.7	90.00	35.00	4,965.0	622.7	489.8	7.68	7.65	-0.89	351.93	
6,748.8	90.50	354.74	4,958.8	1,893.3	827.1	3.00	0.04	-3.00	-89.22	
8,889.8	90.50	354.74	4,940.0	4,025.2	630.9	0.00	0.00	0.00	0.00	
8,889.9	90.50	354.74	4,940.0	4,025.3	630.9	3.00	-2.92	-0.70	-166.42	BHL (Platte 23 #1H)

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Platte 23 Fee Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3745.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3745.0ft (Original Well Elev)
Site:	Platte 23 Fee Com #1H	North Reference:	Grid
Well:	Platte 23 Fee Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Platte 23 Fee Com #1H		
Design:	Plan #2		

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	11.00	42.00	4,299.4	7.1	6.4	8.0	11.00	11.00	0.00
4,400.0	22.00	42.00	4,395.1	28.2	25.4	31.8	11.00	11.00	0.00
4,472.7	30.00	42.00	4,460.4	51.9	46.7	58.5	11.00	11.00	0.00
4,500.0	30.00	42.00	4,484.1	62.0	55.8	69.9	0.00	0.00	0.00
4,600.0	30.00	42.00	4,570.7	99.2	89.3	111.8	0.00	0.00	0.00
4,622.7	30.00	42.00	4,590.3	107.6	96.9	121.3	0.00	0.00	0.00
4,700.0	35.89	40.58	4,655.2	139.2	124.6	156.8	7.68	7.62	-1.84
4,800.0	43.53	39.25	4,732.0	188.2	165.5	211.5	7.68	7.64	-1.33
4,900.0	51.17	38.25	4,799.7	245.5	211.4	275.3	7.68	7.65	-1.00
5,000.0	58.83	37.44	4,857.1	310.2	261.6	347.0	7.68	7.66	-0.81
5,100.0	66.49	36.75	4,902.9	381.0	315.2	425.2	7.68	7.66	-0.69

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Platte 23 Fee Com #1H
Well: Platte 23 Fee Com #1H
Wellbore: Platte 23 Fee Com #1H
Design: Plan #2

Local Co-ordinate Reference: Well Platte 23 Fee Com #1H
TVD Reference: WELL @ 3745.0ft (Original Well Elev)
MD Reference: WELL @ 3745.0ft (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	74.15	36.14	4,936.6	456.7	371.1	508.6	7.68	7.66	-0.61
5,300.0	81.82	35.58	4,957.4	535.9	428.3	595.8	7.68	7.66	-0.56
5,400.0	89.48	35.04	4,965.0	617.2	485.9	685.0	7.68	7.67	-0.54
5,406.7	90.00	35.00	4,965.0	622.7	489.8	691.1	7.68	7.67	-0.54
5,500.0	90.04	32.20	4,965.0	700.4	541.4	775.8	3.00	0.04	-3.00
5,600.0	90.08	29.20	4,964.9	786.4	592.4	868.6	3.00	0.04	-3.00
5,700.0	90.12	26.20	4,964.7	874.9	638.9	963.3	3.00	0.04	-3.00
5,800.0	90.16	23.20	4,964.5	965.7	680.7	1,059.5	3.00	0.04	-3.00
5,900.0	90.20	20.20	4,964.1	1,058.6	717.7	1,157.0	3.00	0.04	-3.00
6,000.0	90.24	17.20	4,963.8	1,153.3	749.7	1,255.5	3.00	0.04	-3.00
6,100.0	90.28	14.20	4,963.3	1,249.6	776.8	1,354.8	3.00	0.04	-3.00
6,200.0	90.31	11.20	4,962.8	1,347.1	798.8	1,454.6	3.00	0.04	-3.00
6,300.0	90.35	8.20	4,962.2	1,445.7	815.6	1,554.6	3.00	0.04	-3.00
6,400.0	90.39	5.20	4,961.6	1,545.0	827.3	1,654.5	3.00	0.04	-3.00
6,500.0	90.42	2.20	4,960.9	1,644.8	833.8	1,754.0	3.00	0.03	-3.00
6,600.0	90.46	359.20	4,960.1	1,744.8	835.0	1,853.0	3.00	0.03	-3.00
6,700.0	90.49	356.20	4,959.3	1,844.7	831.0	1,951.1	3.00	0.03	-3.00
6,748.8	90.50	354.74	4,958.8	1,893.3	827.1	1,998.5	3.00	0.03	-3.00
6,800.0	90.50	354.74	4,958.4	1,944.3	822.4	2,048.2	0.00	0.00	0.00
6,900.0	90.50	354.74	4,957.5	2,043.9	813.3	2,145.1	0.00	0.00	0.00
7,000.0	90.50	354.74	4,956.6	2,143.4	804.1	2,242.1	0.00	0.00	0.00
7,100.0	90.50	354.74	4,955.7	2,243.0	795.0	2,339.0	0.00	0.00	0.00
7,200.0	90.50	354.74	4,954.9	2,342.6	785.8	2,436.0	0.00	0.00	0.00
7,300.0	90.50	354.74	4,954.0	2,442.2	776.6	2,533.0	0.00	0.00	0.00
7,400.0	90.50	354.74	4,953.1	2,541.7	767.5	2,629.9	0.00	0.00	0.00
7,500.0	90.50	354.74	4,952.2	2,641.3	758.3	2,726.9	0.00	0.00	0.00
7,600.0	90.50	354.74	4,951.4	2,740.9	749.1	2,823.8	0.00	0.00	0.00
7,700.0	90.50	354.74	4,950.5	2,840.5	740.0	2,920.8	0.00	0.00	0.00
7,800.0	90.50	354.74	4,949.6	2,940.0	730.8	3,017.7	0.00	0.00	0.00
7,900.0	90.50	354.74	4,948.7	3,039.6	721.6	3,114.7	0.00	0.00	0.00
8,000.0	90.50	354.74	4,947.8	3,139.2	712.5	3,211.6	0.00	0.00	0.00
8,100.0	90.50	354.74	4,947.0	3,238.8	703.3	3,308.6	0.00	0.00	0.00
8,200.0	90.50	354.74	4,946.1	3,338.3	694.1	3,405.6	0.00	0.00	0.00
8,300.0	90.50	354.74	4,945.2	3,437.9	685.0	3,502.5	0.00	0.00	0.00
8,400.0	90.50	354.74	4,944.3	3,537.5	675.8	3,599.5	0.00	0.00	0.00
8,500.0	90.50	354.74	4,943.4	3,637.1	666.6	3,696.4	0.00	0.00	0.00
8,600.0	90.50	354.74	4,942.6	3,736.6	657.5	3,793.4	0.00	0.00	0.00
8,700.0	90.50	354.74	4,941.7	3,836.2	648.3	3,890.3	0.00	0.00	0.00
8,800.0	90.50	354.74	4,940.8	3,935.8	639.1	3,987.3	0.00	0.00	0.00
8,889.8	90.50	354.74	4,940.0	4,025.2	630.9	4,074.3	0.00	0.00	0.00
8,889.9	90.50	354.74	4,940.0	4,025.3	630.9	4,074.4	3.00	-2.92	-0.70

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Platte 23 Fee Com #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3745.0ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3745.0ft (Original Well Elev)
Site:	Platte 23 Fee Com #1H	North Reference:	Grid
Well:	Platte 23 Fee Com #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Platte 23 Fee Com #1H		
Design:	Plan #2		

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
LP (Platte 23 #1H)	0.00	0.00	4,965.0	61.8	635.0	660,483.70	428,840.60	32° 48' 55.956 N	104° 33' 53.845 W
- plan misses by 579.4ft at 5406.7ft MD (4965.0 TVD, 622.7 N, 489.8 E)									
- Point									
BHL (Platte 23 #1H)	0.00	0.00	4,940.0	4,025.3	630.9	664,447.20	428,836.50	32° 49' 35.176 N	104° 33' 53.995 W
- plan hits target									
- Point									
LP2	0.00	0.00	4,965.0	800.0	635.0	661,221.90	428,840.60	32° 49' 3.261 N	104° 33' 53.864 W
- plan misses by 229.2ft at 5406.7ft MD (4965.0 TVD, 622.7 N, 489.8 E)									
- Point									

SITE DETAILS: Platte 23 Fee Com #1H

Site Centre Northing: 660421.90
Easting: 428205.60

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	
4200.0	0.00	0.00	4200.0	0.0	0.0	0.00	0.00	0.0	
4472.7	30.00	42.00	4460.4	51.9	46.7	11.00	42.00	58.5	
4622.7	30.00	42.00	4590.3	107.6	96.9	0.00	0.00	121.3	
5406.7	90.00	35.00	4965.0	622.7	489.8	7.68	351.93	691.1	
6748.8	90.50	354.74	4958.8	1893.3	827.1	3.00	-89.22	1998.5	
8889.8	90.50	354.74	4940.0	4025.2	630.9	0.00	0.00	4074.3	
8889.9	90.50	354.74	4940.0	4025.3	630.9	3.00	-166.42	4074.4	BHL (Platte 23 #1H)

