



30.015-35381

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 Meramec B 4 Fee #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 the printed name.

Jason LaGrega
Drilling Engineer

EOG RESOURCES INC.

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Meramec B 4 Fee #2H
Well: Meramec B 4 Fee #2H
Wellbore: Meramec B 4 Fee #2H
Design: Original Plan

Local Co-ordinate Reference: Well Meramec B 4 Fee #2H
TVD Reference: WELL @ 3487.00ft (Original Well Elev)
MD Reference: WELL @ 3487.00ft (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 Meramec B 4 Fee #2H

Site Position: **Northing:** 710,868.60ft **Latitude:** 32° 57' 14.978 N
From: Map **Easting:** 453,965.00ft **Longitude:** 104° 29' 0.278 W
Position Uncertainty: 0.00 ft **Slot Radius:** " **Grid Convergence:** -0.08 °

Well Meramec B 4 Fee #2H

Well Position **+N/-S** 0.00 ft **Northing:** 710,868.60 ft **Latitude:** 32° 57' 14.978 N
+E/-W 0.00 ft **Easting:** 453,965.00 ft **Longitude:** 104° 29' 0.278 W
Position Uncertainty 0.00 ft **Wellhead Elevation:** ft **Ground Level:** 3,469.00 ft

Wellbore Meramec B 4 Fee #2H

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005	1/15/2007	8.56	60.79	49,350

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 (°)
	4,795.00	0.00	0.00	269.98

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	
4,368.00	0.00	0.00	4,368.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,125.12	90.00	269.97	4,850.00	-0.25	-482.00	11.89	11.89	0.00	269.97	
6,143.12	90.00	269.97	4,850.00	-0.79	-1,500.00	0.00	0.00	0.00	0.00	
6,209.83	92.00	269.98	4,848.84	-0.81	-1,566.69	3.00	3.00	0.02	0.32	
8,610.55	92.00	269.98	4,765.00	-1.60	-3,965.94	0.00	0.00	0.00	0.00	
8,610.60	92.00	269.98	4,765.00	-1.60	-3,966.00	3.00	-2.08	-2.16	-133.98	BHL (Meramec B #

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TVD Reference: WELL @ 3487.00ft (Original Well Elev)
MD Reference: WELL @ 3487.00ft (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
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,368.00	0.00	0.00	4,368.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	3.80	269.97	4,399.98	0.00	-1.06	1.06	11.89	11.89	0.00
4,500.00	15.69	269.97	4,498.36	-0.01	-17.96	17.96	11.89	11.89	0.00
4,600.00	27.58	269.97	4,591.15	-0.03	-54.76	54.76	11.89	11.89	0.00
4,700.00	39.47	269.97	4,674.36	-0.06	-109.89	109.89	11.89	11.89	0.00
4,800.00	51.35	269.97	4,744.44	-0.09	-180.98	180.98	11.89	11.89	0.00
4,900.00	63.24	269.97	4,798.38	-0.14	-264.97	264.97	11.89	11.89	0.00
5,000.00	75.13	269.97	4,833.85	-0.19	-358.28	358.28	11.89	11.89	0.00
5,100.00	87.01	269.97	4,849.35	-0.24	-456.89	456.89	11.89	11.89	0.00
5,125.12	90.00	269.97	4,850.00	-0.25	-482.00	482.00	11.89	11.89	0.00

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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	90.00	269.97	4,850.00	-0.29	-556.88	556.88	0.00	0.00	0.00
5,300.00	90.00	269.97	4,850.00	-0.34	-656.88	656.88	0.00	0.00	0.00
5,400.00	90.00	269.97	4,850.00	-0.40	-756.88	756.88	0.00	0.00	0.00
5,500.00	90.00	269.97	4,850.00	-0.45	-856.88	856.88	0.00	0.00	0.00
5,600.00	90.00	269.97	4,850.00	-0.50	-956.88	956.88	0.00	0.00	0.00
5,700.00	90.00	269.97	4,850.00	-0.55	-1,056.88	1,056.88	0.00	0.00	0.00
5,800.00	90.00	269.97	4,850.00	-0.61	-1,156.88	1,156.88	0.00	0.00	0.00
5,900.00	90.00	269.97	4,850.00	-0.66	-1,256.88	1,256.88	0.00	0.00	0.00
6,000.00	90.00	269.97	4,850.00	-0.71	-1,356.88	1,356.88	0.00	0.00	0.00
6,100.00	90.00	269.97	4,850.00	-0.76	-1,456.88	1,456.88	0.00	0.00	0.00
6,143.12	90.00	269.97	4,850.00	-0.79	-1,500.00	1,500.00	0.00	0.00	0.00
6,200.00	91.71	269.98	4,849.15	-0.81	-1,556.87	1,556.87	3.00	3.00	0.02
6,209.83	92.00	269.98	4,848.84	-0.81	-1,566.69	1,566.69	3.00	3.00	0.02
6,300.00	92.00	269.98	4,845.69	-0.84	-1,656.81	1,656.81	0.00	0.00	0.00
6,400.00	92.00	269.98	4,842.19	-0.88	-1,756.75	1,756.75	0.00	0.00	0.00
6,500.00	92.00	269.98	4,838.70	-0.91	-1,856.69	1,856.69	0.00	0.00	0.00
6,600.00	92.00	269.98	4,835.21	-0.94	-1,956.62	1,956.62	0.00	0.00	0.00
6,700.00	92.00	269.98	4,831.72	-0.97	-2,056.56	2,056.56	0.00	0.00	0.00
6,800.00	92.00	269.98	4,828.23	-1.01	-2,156.50	2,156.50	0.00	0.00	0.00
6,900.00	92.00	269.98	4,824.73	-1.04	-2,256.44	2,256.44	0.00	0.00	0.00
7,000.00	92.00	269.98	4,821.24	-1.07	-2,356.38	2,356.38	0.00	0.00	0.00
7,100.00	92.00	269.98	4,817.75	-1.11	-2,456.32	2,456.32	0.00	0.00	0.00
7,200.00	92.00	269.98	4,814.26	-1.14	-2,556.26	2,556.26	0.00	0.00	0.00
7,300.00	92.00	269.98	4,810.77	-1.17	-2,656.20	2,656.20	0.00	0.00	0.00
7,400.00	92.00	269.98	4,807.27	-1.20	-2,756.14	2,756.14	0.00	0.00	0.00
7,500.00	92.00	269.98	4,803.78	-1.24	-2,856.08	2,856.08	0.00	0.00	0.00
7,600.00	92.00	269.98	4,800.29	-1.27	-2,956.01	2,956.01	0.00	0.00	0.00
7,700.00	92.00	269.98	4,796.80	-1.30	-3,055.95	3,055.95	0.00	0.00	0.00
7,800.00	92.00	269.98	4,793.31	-1.33	-3,155.89	3,155.89	0.00	0.00	0.00
7,900.00	92.00	269.98	4,789.81	-1.37	-3,255.83	3,255.83	0.00	0.00	0.00
8,000.00	92.00	269.98	4,786.32	-1.40	-3,355.77	3,355.77	0.00	0.00	0.00
8,100.00	92.00	269.98	4,782.83	-1.43	-3,455.71	3,455.71	0.00	0.00	0.00
8,200.00	92.00	269.98	4,779.34	-1.47	-3,555.65	3,555.65	0.00	0.00	0.00
8,300.00	92.00	269.98	4,775.85	-1.50	-3,655.59	3,655.59	0.00	0.00	0.00
8,400.00	92.00	269.98	4,772.35	-1.53	-3,755.53	3,755.53	0.00	0.00	0.00
8,500.00	92.00	269.98	4,768.86	-1.56	-3,855.47	3,855.47	0.00	0.00	0.00
8,600.00	92.00	269.98	4,765.37	-1.60	-3,955.40	3,955.40	0.00	0.00	0.00
8,610.60	92.00	269.98	4,765.00	-1.60	-3,966.00	3,966.00	0.02	-0.01	-0.01

Targets

Target Name

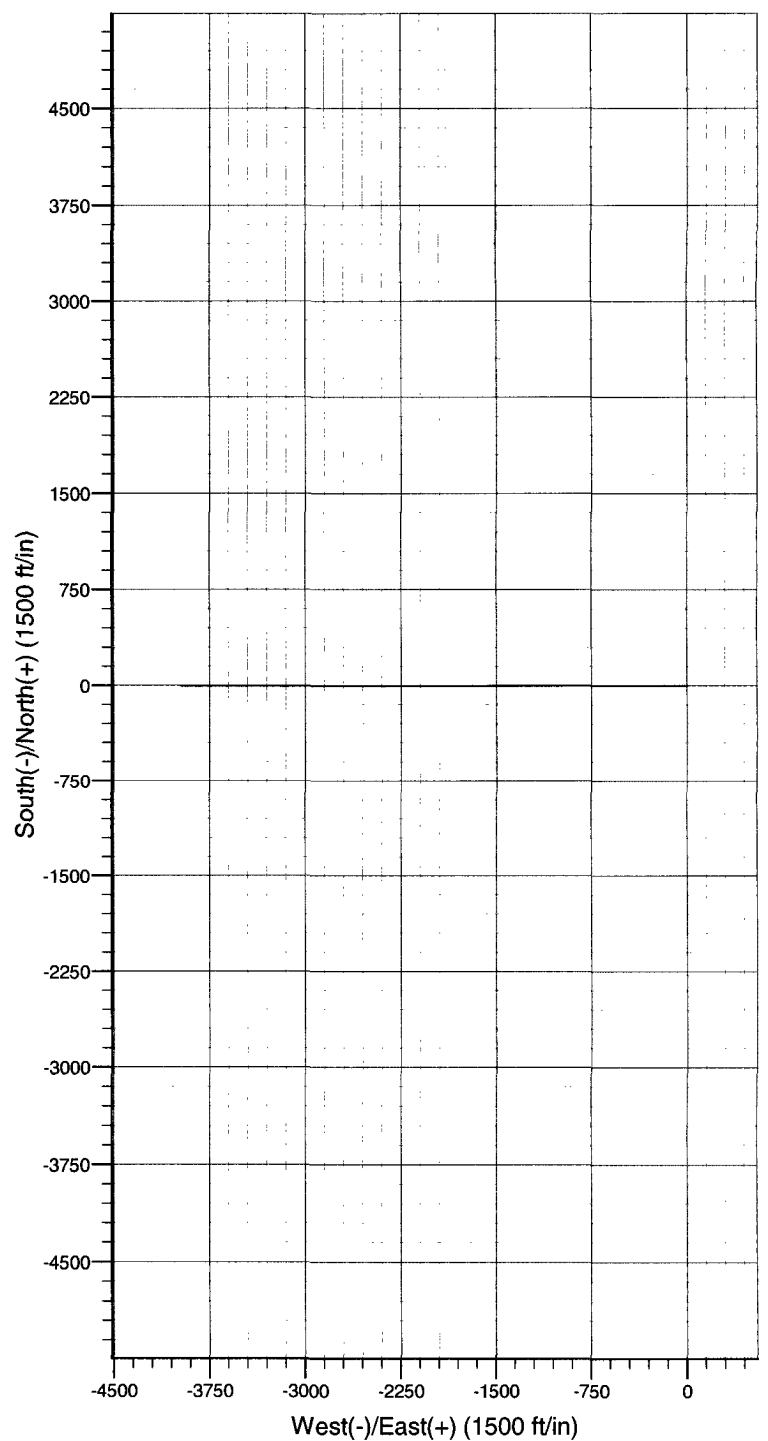
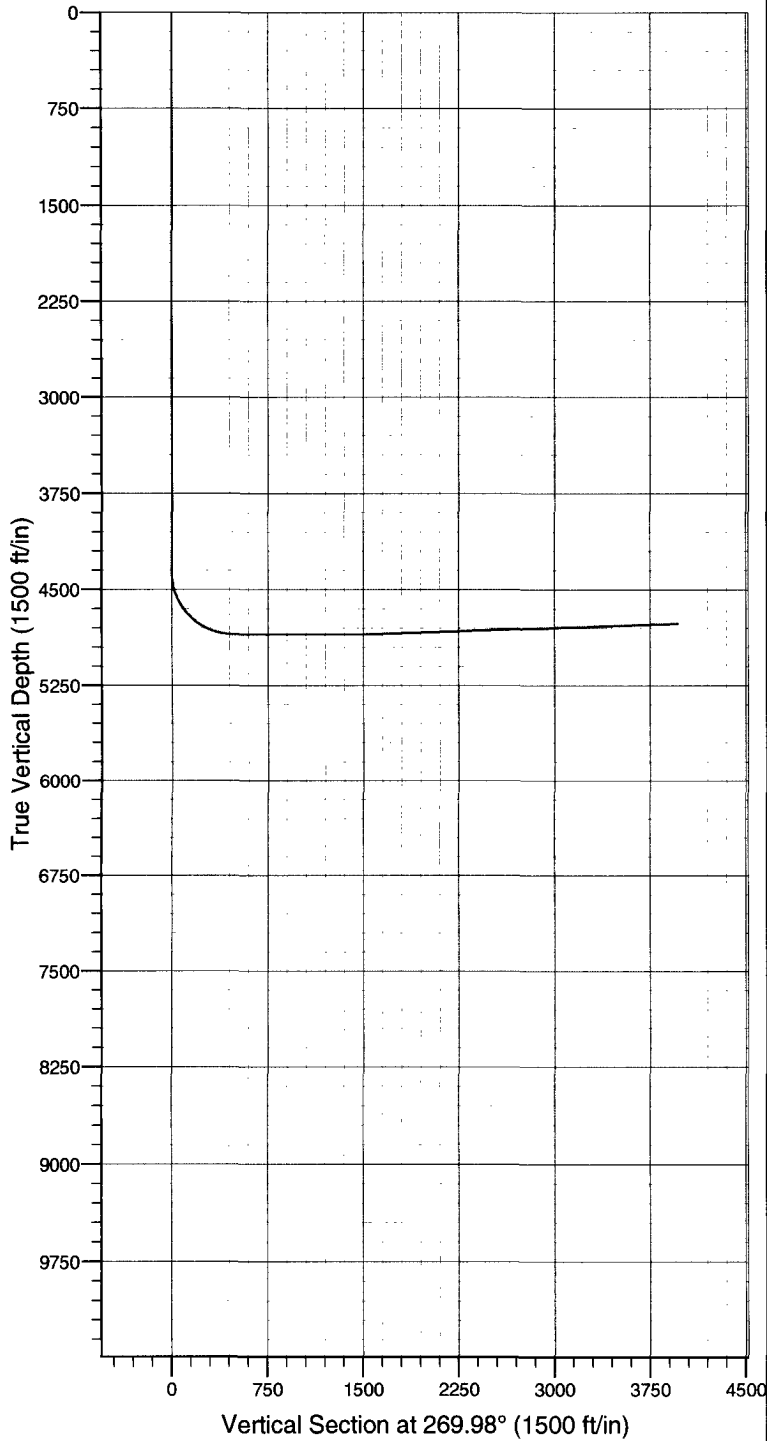
- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
BHL (Meramec B #2H)	0.00	0.00	4,765.00	-1.60	-3,966.00	710,867.00	449,999.00	32° 57' 14.904 N	104° 29' 46.824 W
- plan hits target									
- Point									

WELL DETAILS: Meramec B 4 Fee #2H

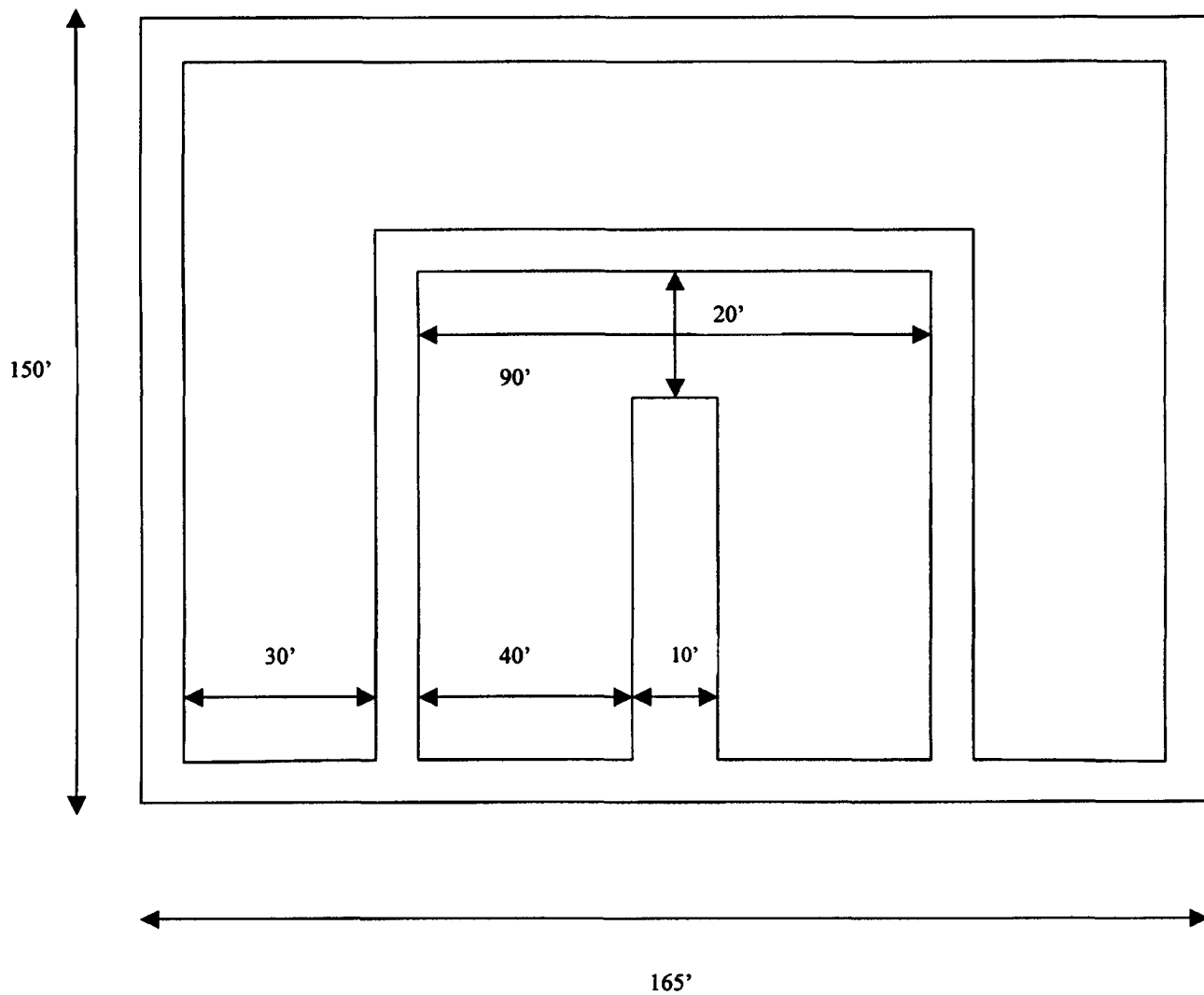
+N/-S	+E/-W	Northing	Ground Level:	3469.00		
0.00	0.00	710868.60	Easting	453965.00	Latitude	Longitude
					32° 57' 14.978 N	104° 29' 0.278 W
						Slot

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	
4368.00	0.00	0.00	4368.00	0.00	0.00	0.00	0.00	0.00	
5125.12	90.00	269.97	4850.00	-0.25	-482.00	11.89	269.97	482.00	
6143.12	90.00	269.97	4850.00	-0.79	-1500.00	0.00	0.00	1500.00	
6209.83	92.00	269.98	4848.84	-0.81	-1566.69	3.00	0.32	1566.69	
8610.55	92.00	269.98	4765.00	-1.60	-3965.94	0.00	0.00	3965.94	
8610.60	92.00	269.98	4765.00	-1.60	-3966.00	3.00	-133.98	3966.00	BHL (Meramec B #2H)



New Mexico Double Horseshoe Reserve Pit Design



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