



30.015. 35382

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 #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

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Meramec B 4 Fee #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3488.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3488.00ft (Original Well Elev)
Site:	Meramec B 4 Fee #1H	North Reference:	Grid
Well:	Meramec B 4 Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Meramec B 4 Fee #1H		
Design:	Original Plan		

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 #1H		
Site Position:		Northing:	711,988.60ft
From:	Map	Easting:	453,962.10ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	32° 57' 26.061 N
		Longitude:	104° 29' 0.331 W
		Grid Convergence:	-0.08 °

Well	Meramec B 4 Fee #1H		
Well Position	+N/-S	0.00 ft	Northing: 711,988.60 ft
	+E/-W	0.00 ft	Easting: 453,962.10 ft
Position Uncertainty	0.00 ft	Wellhead Elevation:	ft
		Latitude:	32° 57' 26.061 N
		Longitude:	104° 29' 0.331 W
		Ground Level:	3,470.00 ft

Wellbore	Meramec B 4 Fee #1H		
Magnetics	Model Name	Sample Date	Declination
	IGRF2005	1/15/2007	(°)
			8.56
			Dip Angle
			(°)
			60.79
			Field Strength
			(nT)
			49,352

Design	Original Plan		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	4,769.00	0.00	0.00
			Direction
			(°)
			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	
4,358.00	0.00	0.00	4,358.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,115.12	90.00	269.98	4,840.00	-0.17	-482.00	11.89	11.89	0.00	269.98	
6,133.12	90.00	269.98	4,840.00	-0.52	-1,500.00	0.00	0.00	0.00	0.00	
6,200.13	92.01	269.98	4,838.82	-0.54	-1,566.99	3.00	3.00	0.01	0.12	
8,589.54	92.01	269.98	4,755.01	-1.20	-3,954.93	0.00	0.00	0.00	0.00	
8,589.91	92.00	269.98	4,755.00	-1.20	-3,955.30	3.00	-2.76	-1.17	-157.15	BHL (Meramec B #

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Meramec B 4 Fee #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3488.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3488.00ft (Original Well Elev)
Site:	Meramec B 4 Fee #1H	North Reference:	Grid
Well:	Meramec B 4 Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Meramec B 4 Fee #1H		
Design:	Original Plan		

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
4,358.00	0.00	0.00	4,358.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	4.99	269.98	4,399.95	0.00	-1.83	1.83	11.89	11.89	0.00
4,500.00	16.88	269.98	4,497.95	-0.01	-20.77	20.77	11.89	11.89	0.00
4,600.00	28.77	269.98	4,589.96	-0.02	-59.49	59.49	11.89	11.89	0.00
4,700.00	40.65	269.98	4,672.02	-0.04	-116.33	116.33	11.89	11.89	0.00
4,800.00	52.54	269.98	4,740.61	-0.07	-188.85	188.85	11.89	11.89	0.00
4,900.00	64.43	269.98	4,792.79	-0.10	-273.95	273.95	11.89	11.89	0.00
5,000.00	76.32	269.98	4,826.32	-0.13	-367.97	367.97	11.89	11.89	0.00
5,100.00	88.20	269.98	4,839.76	-0.16	-466.88	466.88	11.89	11.89	0.00
5,115.12	90.00	269.98	4,840.00	-0.17	-482.00	482.00	11.89	11.89	0.00

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Meramec B 4 Fee #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3488.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3488.00ft (Original Well Elev)
Site:	Meramec B 4 Fee #1H	North Reference:	Grid
Well:	Meramec B 4 Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Meramec B 4 Fee #1H		
Design:	Original Plan		

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	269.98	4,840.00	-0.20	-566.88	566.88	0.00	0.00	0.00
5,300.00	90.00	269.98	4,840.00	-0.23	-666.88	666.88	0.00	0.00	0.00
5,400.00	90.00	269.98	4,840.00	-0.27	-766.88	766.88	0.00	0.00	0.00
5,500.00	90.00	269.98	4,840.00	-0.30	-866.88	866.88	0.00	0.00	0.00
5,600.00	90.00	269.98	4,840.00	-0.34	-966.88	966.88	0.00	0.00	0.00
5,700.00	90.00	269.98	4,840.00	-0.37	-1,066.88	1,066.88	0.00	0.00	0.00
5,800.00	90.00	269.98	4,840.00	-0.41	-1,166.88	1,166.88	0.00	0.00	0.00
5,900.00	90.00	269.98	4,840.00	-0.44	-1,266.88	1,266.88	0.00	0.00	0.00
6,000.00	90.00	269.98	4,840.00	-0.48	-1,366.88	1,366.88	0.00	0.00	0.00
6,100.00	90.00	269.98	4,840.00	-0.51	-1,466.88	1,466.88	0.00	0.00	0.00
6,133.12	90.00	269.98	4,840.00	-0.52	-1,500.00	1,500.00	0.00	0.00	0.00
6,200.00	92.01	269.98	4,838.83	-0.54	-1,566.86	1,566.86	3.00	3.00	0.01
6,200.13	92.01	269.98	4,838.82	-0.54	-1,566.99	1,566.99	3.00	3.00	0.01
6,300.00	92.01	269.98	4,835.32	-0.57	-1,666.80	1,666.80	0.00	0.00	0.00
6,400.00	92.01	269.98	4,831.81	-0.60	-1,766.74	1,766.74	0.00	0.00	0.00
6,500.00	92.01	269.98	4,828.31	-0.63	-1,866.68	1,866.68	0.00	0.00	0.00
6,600.00	92.01	269.98	4,824.80	-0.65	-1,966.62	1,966.62	0.00	0.00	0.00
6,700.00	92.01	269.98	4,821.29	-0.68	-2,066.55	2,066.55	0.00	0.00	0.00
6,800.00	92.01	269.98	4,817.78	-0.71	-2,166.49	2,166.49	0.00	0.00	0.00
6,900.00	92.01	269.98	4,814.28	-0.74	-2,266.43	2,266.43	0.00	0.00	0.00
7,000.00	92.01	269.98	4,810.77	-0.76	-2,366.37	2,366.37	0.00	0.00	0.00
7,100.00	92.01	269.98	4,807.26	-0.79	-2,466.31	2,466.31	0.00	0.00	0.00
7,200.00	92.01	269.98	4,803.75	-0.82	-2,566.25	2,566.25	0.00	0.00	0.00
7,300.00	92.01	269.98	4,800.25	-0.85	-2,666.19	2,666.19	0.00	0.00	0.00
7,400.00	92.01	269.98	4,796.74	-0.87	-2,766.12	2,766.12	0.00	0.00	0.00
7,500.00	92.01	269.98	4,793.23	-0.90	-2,866.06	2,866.06	0.00	0.00	0.00
7,600.00	92.01	269.98	4,789.72	-0.93	-2,966.00	2,966.00	0.00	0.00	0.00
7,700.00	92.01	269.98	4,786.21	-0.96	-3,065.94	3,065.94	0.00	0.00	0.00
7,800.00	92.01	269.98	4,782.71	-0.98	-3,165.88	3,165.88	0.00	0.00	0.00
7,900.00	92.01	269.98	4,779.20	-1.01	-3,265.82	3,265.82	0.00	0.00	0.00
8,000.00	92.01	269.98	4,775.69	-1.04	-3,365.75	3,365.75	0.00	0.00	0.00
8,100.00	92.01	269.98	4,772.18	-1.07	-3,465.69	3,465.69	0.00	0.00	0.00
8,200.00	92.01	269.98	4,768.68	-1.09	-3,565.63	3,565.63	0.00	0.00	0.00
8,300.00	92.01	269.98	4,765.17	-1.12	-3,665.57	3,665.57	0.00	0.00	0.00
8,400.00	92.01	269.98	4,761.66	-1.15	-3,765.51	3,765.51	0.00	0.00	0.00
8,500.00	92.01	269.98	4,758.15	-1.18	-3,865.45	3,865.45	0.00	0.00	0.00
8,589.54	92.01	269.98	4,755.01	-1.20	-3,954.93	3,954.93	0.00	0.00	0.00
8,589.91	92.00	269.98	4,755.00	-1.20	-3,955.30	3,955.30	3.00	-2.76	-1.17

Targets

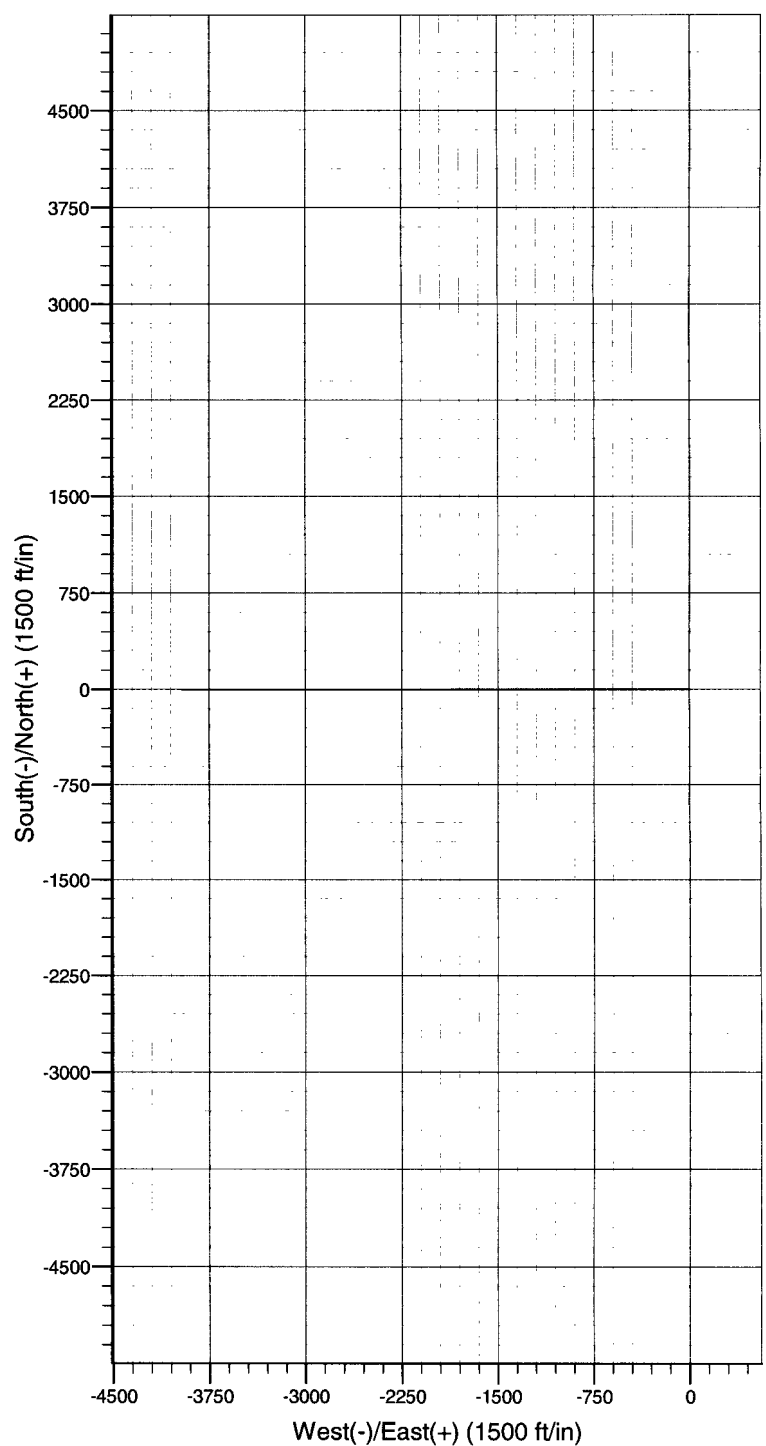
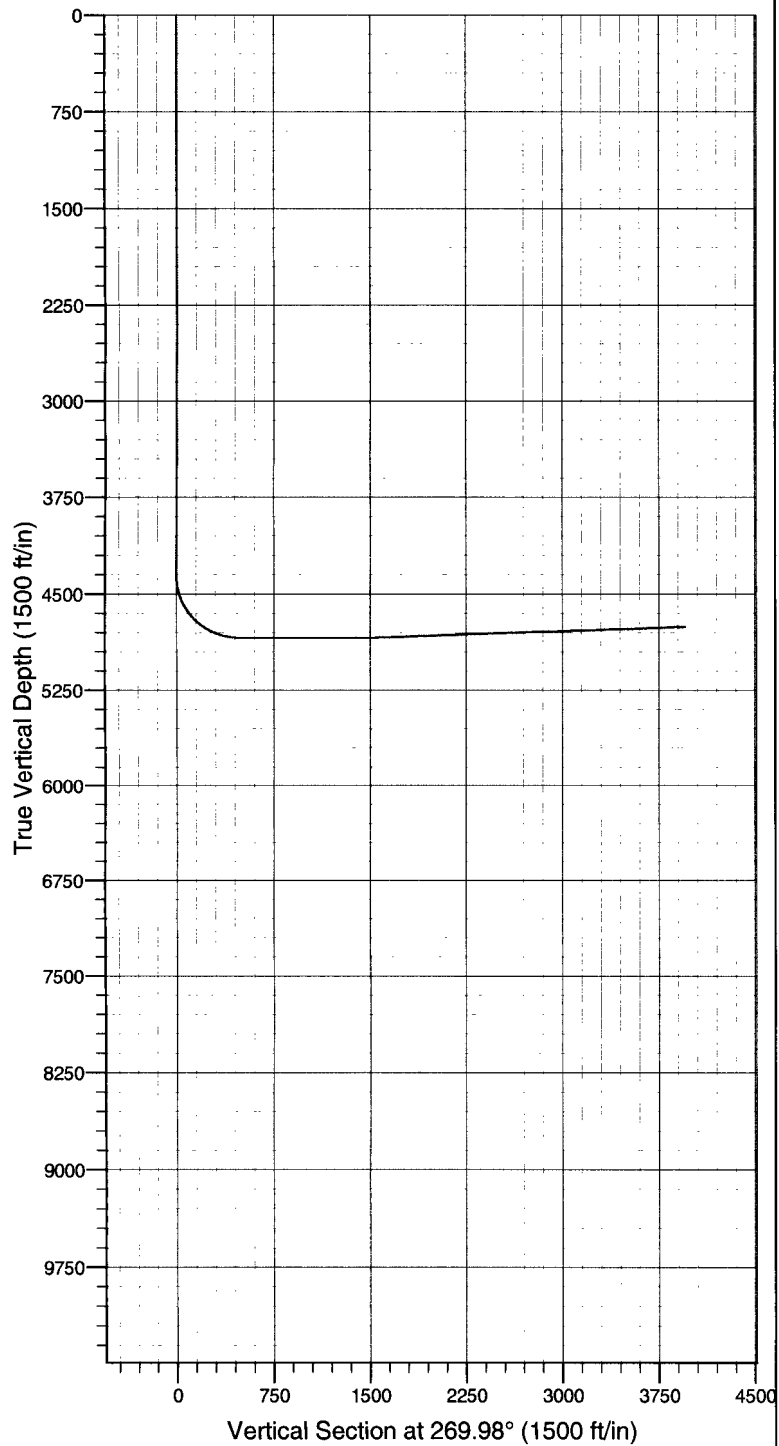
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
BHL (Meramec B #1H)	0.00	0.00	4,755.00	-1.20	-3,955.30	711,987.40	450,006.80	32° 57' 25.991 N	104° 29' 46.753 W
- plan hits target									
- Point									

WELL DETAILS: Meramec B 4 Fee #1H

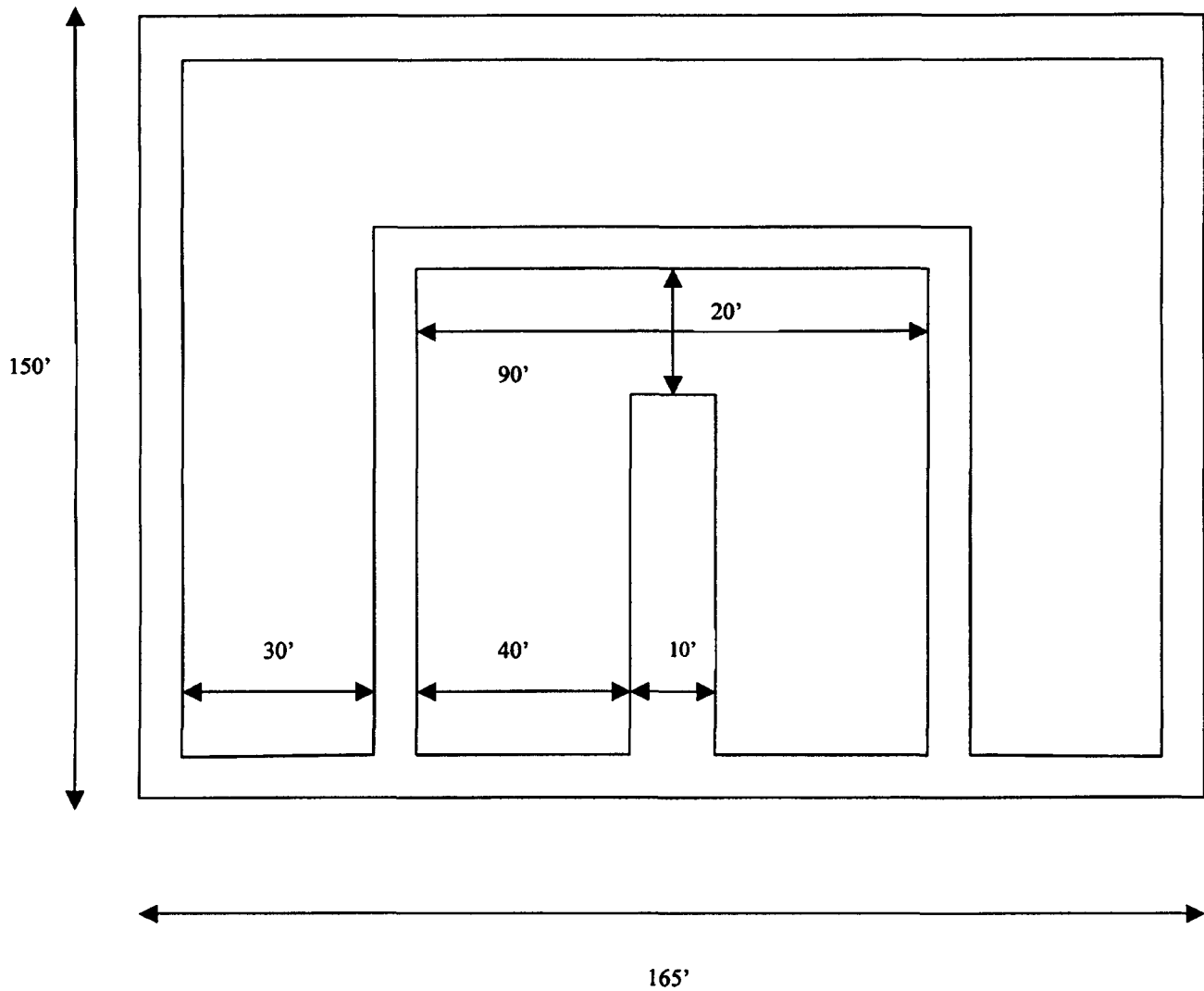
+N/-S	+E/-W	Northing	Ground Level:	3470.00			
0.00	0.00	711988.60	Easting	453962.10	Latitude	Longitude	Slot
					32° 57' 26.061 N	104° 29' 0.331 W	

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	
4358.00	0.00	0.00	4358.00	0.00	0.00	0.00	0.00	0.00	
5115.12	90.00	269.98	4840.00	-0.17	-482.00	11.89	269.98	482.00	
6133.12	90.00	269.98	4840.00	-0.52	-1500.00	0.00	0.00	1500.00	
6200.13	92.01	269.98	4838.82	-0.54	-1566.99	3.00	0.12	1566.99	
8589.54	92.01	269.98	4755.01	-1.20	-3954.93	0.00	0.00	3954.93	
8589.91	92.00	269.98	4755.00	-1.20	-3955.30	3.00	-157.15	3955.30	BHL (Meramec B #1H)



New Mexico Double Horseshoe Reserve Pit Design



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