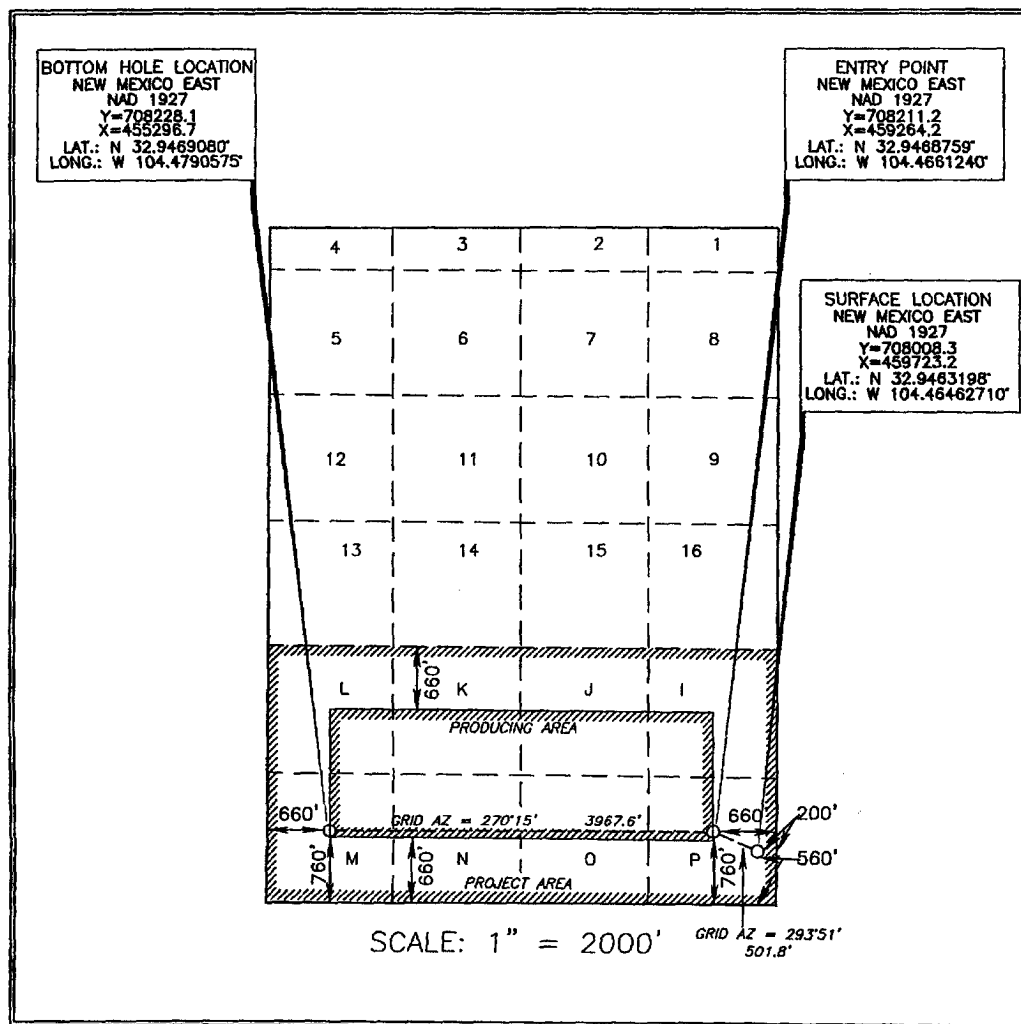


☐ AMENDED REPORT



Permit Information:

Well Name: Yangtze C 3 Fee #2H

Location:

SL 560' FSL & 200' FEL, Section 3, T-16-S, R-25-E, Eddy Co., N.M.

BHL 760' FSL & 660' FWL, Section 3, T-16-S, R-25-E, Eddy Co., N.M.

**Casing Program:**

@ 1150'

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	8,977'	7-7/8"	5 1/2"	17#	N-80	Surface

Cement Program:

Depth	No. Sacks	Slurries:
1150'		
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
8,977'	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
1150'				
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
4,025' - 8,977'	Polymer (Lateral)	9.0-9.4	40-45	10-20



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

December 15, 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 Yangtze C 3 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 "Jason LaGrega".

Jason LaGrega
Drilling Engineer

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Yangtze C 3 Fee #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3456.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3456.00ft (Original Well Elev)
Site:	Yangtze C 3 Fee #2H	North Reference:	Grid
Well:	Yangtze C 3 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Yangtze C 3 Fee #2H		
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	Yangtze C 3 Fee #2H				
Site Position:		Northing:	708,008.30 ft	Latitude:	32° 56' 46.751 N
From:	Map	Easting:	459,723.20 ft	Longitude:	104° 27' 52.657 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	-0.07 °

Well	Yangtze C 3 Fee #2H					
Well Position	+N/-S	0.00 ft	Northing:	708,008.30 ft	Latitude:	32° 56' 46.751 N
	+E/-W	0.00 ft	Easting:	459,723.20 ft	Longitude:	104° 27' 52.657 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,438.00 ft

Wellbore	Yangtze C 3 Fee #2H				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005	12/15/2006	8.56	60.79	49,356

Design	Original Plan			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	4,761.00	0.00	0.00	272.84

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	
4,025.00	0.00	0.00	4,025.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,991.58	64.50	286.00	4,800.00	134.80	-470.00	6.67	6.67	-7.66	286.00	PP (Yangtze C #2H
5,219.98	90.00	286.00	4,850.00	195.70	-682.37	11.17	11.17	0.00	359.99	
6,104.98	90.00	268.30	4,850.00	305.42	-1,557.00	2.00	0.00	-2.00	-90.00	
6,391.98	90.00	268.30	4,850.00	296.90	-1,843.87	0.00	0.00	0.00	0.00	
6,458.59	92.00	268.29	4,848.84	294.92	-1,910.44	3.00	3.00	-0.02	-0.29	
8,977.24	92.00	268.29	4,761.00	219.80	-4,426.44	0.00	0.00	0.00	0.00	
8,977.30	92.00	268.29	4,761.00	219.80	-4,426.50	3.00	2.42	0.33	7.69	BHL (Yangtze C #2

EOG RESOURCES INC.

Planning Report

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

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well Yangtze C 3 Fee #2H
WELL @ 3456.00ft (Original Well Elev)
WELL @ 3456.00ft (Original Well Elev)
Grid
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
4,025.00	0.00	0.00	4,025.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	5.00	286.00	4,099.90	0.90	-3.15	3.19	6.67	6.67	0.00
4,200.00	11.68	286.00	4,198.79	4.90	-17.08	17.30	6.67	6.67	0.00
4,300.00	18.35	286.00	4,295.32	12.04	-41.97	42.51	6.67	6.67	0.00
4,400.00	25.02	286.00	4,388.19	22.22	-77.47	78.48	6.67	6.67	0.00
4,500.00	31.69	286.00	4,476.14	35.31	-123.10	124.70	6.67	6.67	0.00
4,600.00	38.37	286.00	4,557.98	51.12	-178.25	180.56	6.67	6.67	0.00
4,700.00	45.04	286.00	4,632.60	69.45	-242.16	245.31	6.67	6.67	0.00
4,800.00	51.71	286.00	4,698.98	90.05	-313.97	318.05	6.67	6.67	0.00
4,900.00	58.39	286.00	4,756.24	112.63	-392.72	397.82	6.67	6.67	0.00
4,991.58	64.50	286.00	4,800.00	134.80	-470.00	476.11	6.67	6.67	0.00
5,000.00	65.44	286.00	4,803.56	136.90	-477.33	483.54	11.17	11.17	0.00
5,100.00	76.60	286.00	4,836.04	162.93	-568.09	575.47	11.17	11.17	0.00

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Yangtze C 3 Fee #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3456.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3456.00ft (Original Well Elev)
Site:	Yangtze C 3 Fee #2H	North Reference:	Grid
Well:	Yangtze C 3 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Yangtze C 3 Fee #2H		
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	87.77	286.00	4,849.61	190.20	-663.17	671.79	11.17	11.17	0.00
5,219.98	90.00	286.00	4,850.00	195.70	-682.37	691.24	11.17	11.17	0.00
5,300.00	90.00	284.40	4,850.00	216.68	-759.59	769.40	2.00	0.00	-2.00
5,400.00	90.00	282.40	4,850.00	239.86	-856.86	867.70	2.00	0.00	-2.00
5,500.00	90.00	280.40	4,850.00	259.62	-954.89	966.59	2.00	0.00	-2.00
5,600.00	90.00	278.40	4,850.00	275.95	-1,053.54	1,065.93	2.00	0.00	-2.00
5,700.00	90.00	276.40	4,850.00	288.83	-1,152.70	1,165.61	2.00	0.00	-2.00
5,800.00	90.00	274.40	4,850.00	298.24	-1,252.25	1,265.50	2.00	0.00	-2.00
5,900.00	90.00	272.40	4,850.00	304.17	-1,352.07	1,365.49	2.00	0.00	-2.00
6,000.00	90.00	270.40	4,850.00	306.61	-1,452.04	1,465.45	2.00	0.00	-2.00
6,100.00	90.00	268.40	4,850.00	305.56	-1,552.02	1,565.27	2.00	0.00	-2.00
6,104.98	90.00	268.30	4,850.00	305.42	-1,557.00	1,570.23	2.00	0.00	-2.00
6,200.00	90.00	268.30	4,850.00	302.60	-1,651.98	1,664.96	0.00	0.00	0.00
6,300.00	90.00	268.30	4,850.00	299.63	-1,751.94	1,764.64	0.00	0.00	0.00
6,391.98	90.00	268.30	4,850.00	296.90	-1,843.87	1,856.33	0.00	0.00	0.00
6,400.00	90.24	268.30	4,849.98	296.67	-1,851.89	1,864.33	3.00	3.00	-0.02
6,458.59	92.00	268.29	4,848.84	294.92	-1,910.44	1,922.72	3.00	3.00	-0.02
6,500.00	92.00	268.29	4,847.39	293.69	-1,951.81	1,963.97	0.00	0.00	0.00
6,600.00	92.00	268.29	4,843.91	290.71	-2,051.70	2,063.60	0.00	0.00	0.00
6,700.00	92.00	268.29	4,840.42	287.72	-2,151.60	2,163.22	0.00	0.00	0.00
6,800.00	92.00	268.29	4,836.93	284.74	-2,251.49	2,262.84	0.00	0.00	0.00
6,900.00	92.00	268.29	4,833.44	281.76	-2,351.39	2,362.47	0.00	0.00	0.00
7,000.00	92.00	268.29	4,829.96	278.77	-2,451.28	2,462.09	0.00	0.00	0.00
7,100.00	92.00	268.29	4,826.47	275.79	-2,551.18	2,561.72	0.00	0.00	0.00
7,200.00	92.00	268.29	4,822.98	272.81	-2,651.07	2,661.34	0.00	0.00	0.00
7,300.00	92.00	268.29	4,819.49	269.83	-2,750.97	2,760.96	0.00	0.00	0.00
7,400.00	92.00	268.29	4,816.01	266.84	-2,850.86	2,860.59	0.00	0.00	0.00
7,500.00	92.00	268.29	4,812.52	263.86	-2,950.76	2,960.21	0.00	0.00	0.00
7,600.00	92.00	268.29	4,809.03	260.88	-3,050.65	3,059.84	0.00	0.00	0.00
7,700.00	92.00	268.29	4,805.54	257.90	-3,150.55	3,159.46	0.00	0.00	0.00
7,800.00	92.00	268.29	4,802.06	254.91	-3,250.44	3,259.08	0.00	0.00	0.00
7,900.00	92.00	268.29	4,798.57	251.93	-3,350.33	3,358.71	0.00	0.00	0.00
8,000.00	92.00	268.29	4,795.08	248.95	-3,450.23	3,458.33	0.00	0.00	0.00
8,100.00	92.00	268.29	4,791.60	245.97	-3,550.12	3,557.95	0.00	0.00	0.00
8,200.00	92.00	268.29	4,788.11	242.98	-3,650.02	3,657.58	0.00	0.00	0.00
8,300.00	92.00	268.29	4,784.62	240.00	-3,749.91	3,757.20	0.00	0.00	0.00
8,400.00	92.00	268.29	4,781.13	237.02	-3,849.81	3,856.83	0.00	0.00	0.00
8,500.00	92.00	268.29	4,777.65	234.04	-3,949.70	3,956.45	0.00	0.00	0.00
8,600.00	92.00	268.29	4,774.16	231.05	-4,049.60	4,056.07	0.00	0.00	0.00
8,700.00	92.00	268.29	4,770.67	228.07	-4,149.49	4,155.70	0.00	0.00	0.00
8,800.00	92.00	268.29	4,767.18	225.09	-4,249.39	4,255.32	0.00	0.00	0.00
8,900.00	92.00	268.29	4,763.70	222.11	-4,349.28	4,354.94	0.00	0.00	0.00
8,977.30	92.00	268.29	4,761.00	219.80	-4,426.50	4,431.95	0.00	0.00	0.00

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Yangtze C 3 Fee #2H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3456.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3456.00ft (Original Well Elev)
Site:	Yangtze C 3 Fee #2H	North Reference:	Grid
Well:	Yangtze C 3 Fee #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Yangtze C 3 Fee #2H		
Design:	Original Plan		

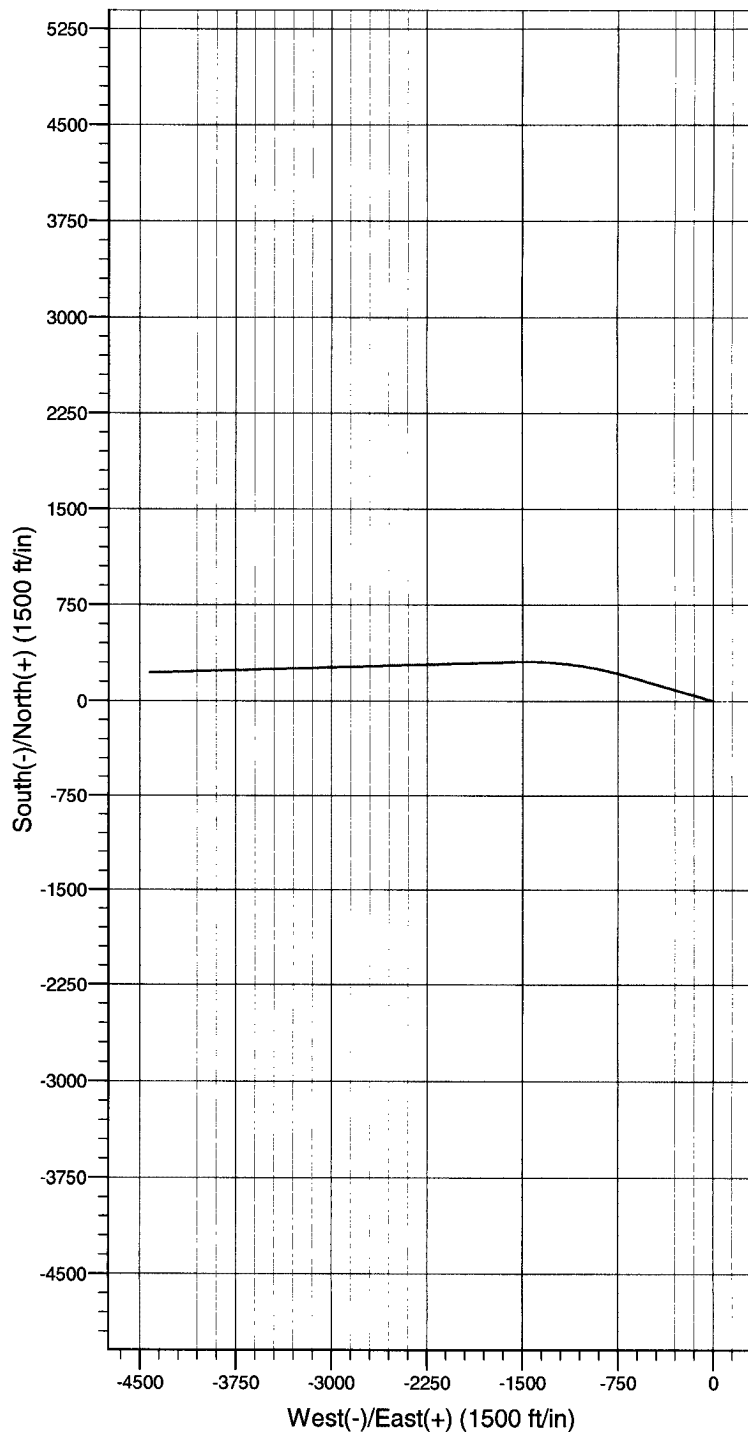
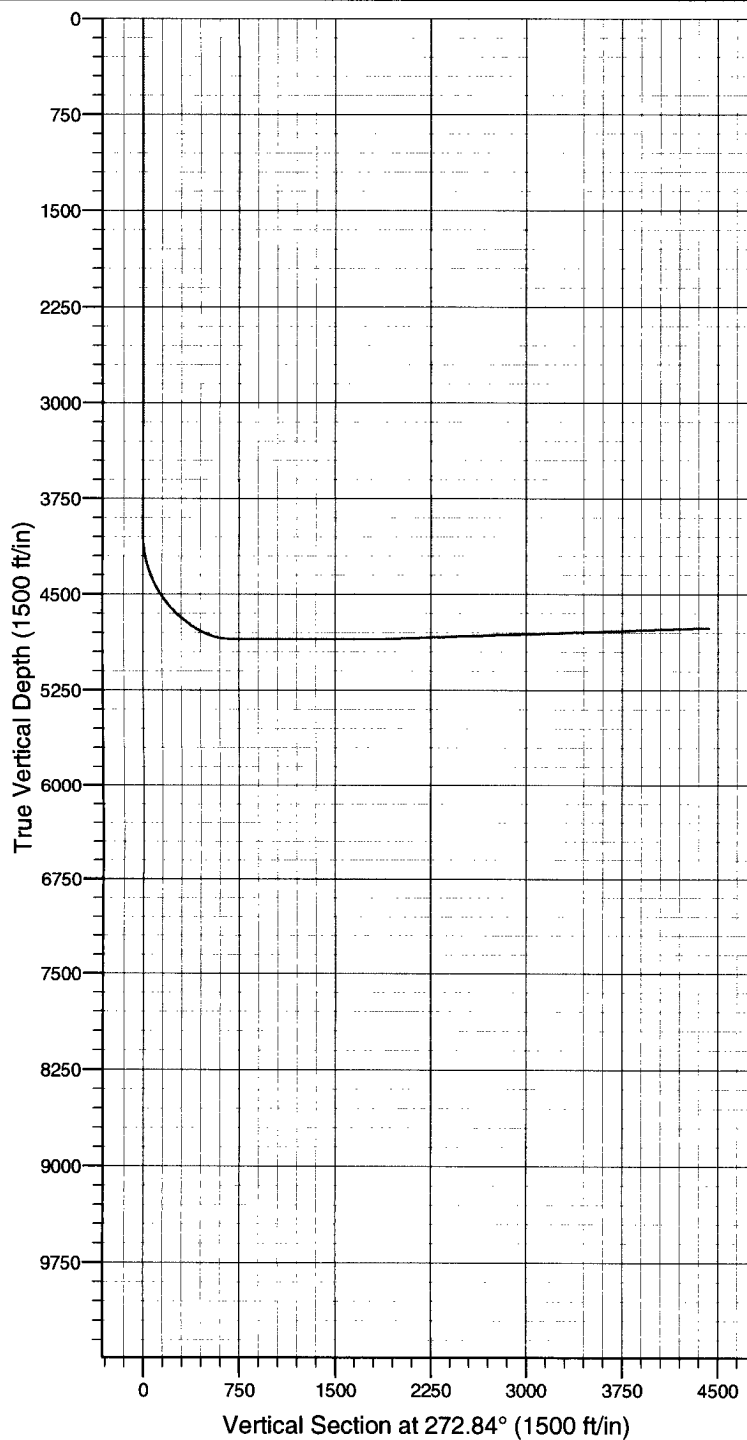
Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
BHL (Yangtze C #2H)	0.00	0.00	4,761.00	219.80	-4,426.50	708,228.10	455,296.70	32° 56' 48.868 N	104° 28' 44.606 W
- plan hits target									
- Point									
PP (Yangtze C #2H)	0.00	0.00	4,800.00	134.80	-470.00	708,143.10	459,253.20	32° 56' 48.079 N	104° 27' 58.175 W
- plan hits target									
- Point									

WELL DETAILS: Yangtze C 3 Fee #2H

+N/-S	+E/-W	Northing	Ground Level:	3438.00		
0.00	0.00	708008.30	Easting	459723.20	Latitude	Longitude
					32° 56' 46.751 N	104° 27' 52.657 W
						Slot

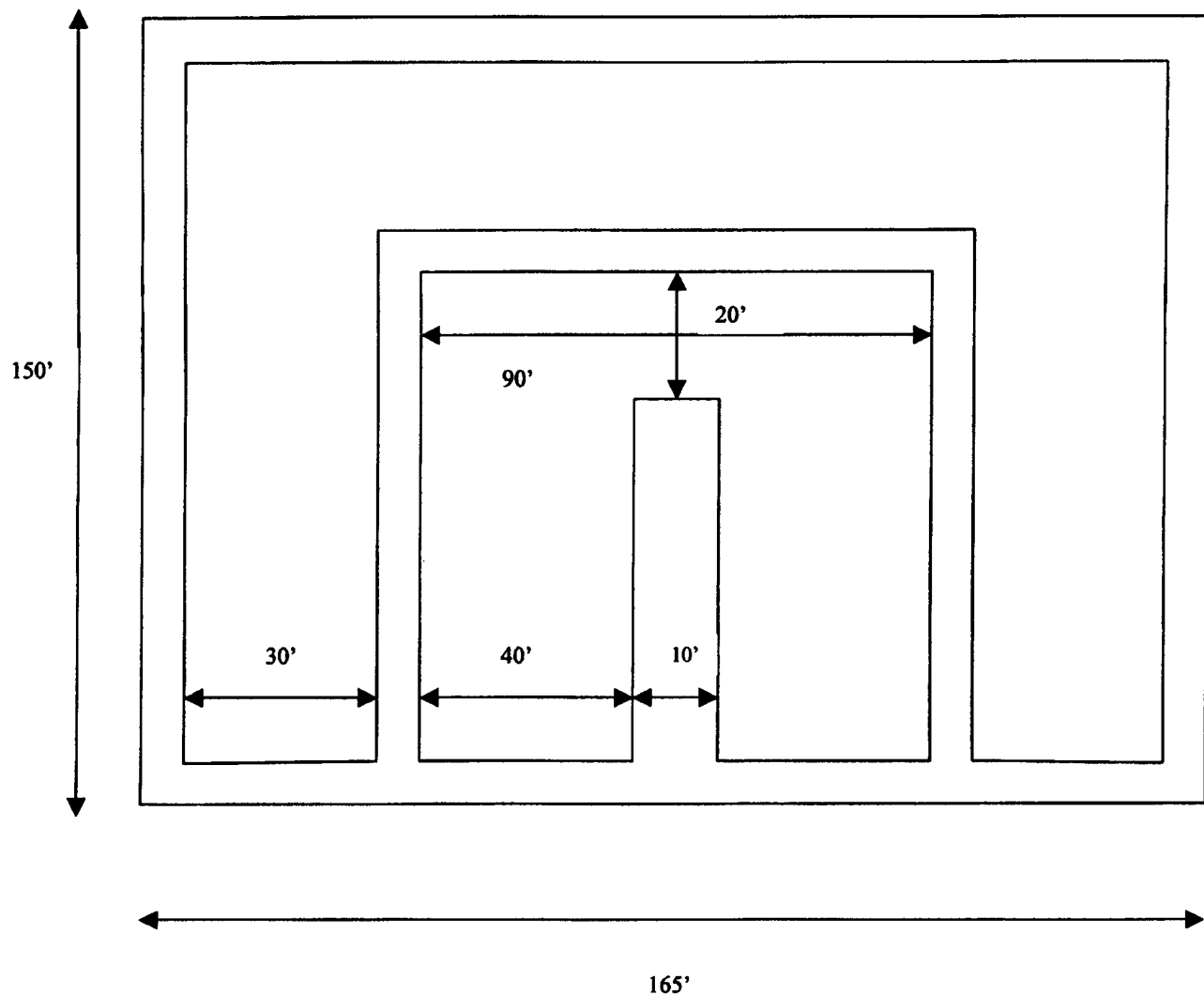
SECTION DETAILS

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	
4025.00	0.00	0.00	4025.00	0.00	0.00	0.00	0.00	0.00	
4991.58	64.50	286.00	4800.00	134.80	-470.00	6.67	286.00	476.11	PP (Yangtze C #2H)
5219.98	90.00	286.00	4850.00	195.70	-682.37	11.17	359.99	691.24	
6104.98	90.00	268.30	4850.00	305.42	-1557.00	2.00	-90.00	1570.23	
6391.98	90.00	268.30	4850.00	296.90	-1843.87	0.00	0.00	1856.33	
6458.59	92.00	268.29	4848.84	294.92	-1910.44	3.00	-0.29	1922.72	
8977.24	92.00	268.29	4761.00	219.80	-4426.44	0.00	0.00	4431.89	
8977.30	92.00	268.29	4761.00	219.80	-4426.50	3.00	7.69	4431.95	BHL (Yangtze C #2H)



30-015-35328

New Mexico Double Horseshoe Reserve Pit Design



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