



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 B 3 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".

Jason LaGrega
Drilling Engineer

30.015.35327

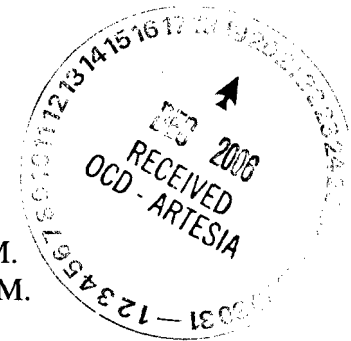
Permit Information:

Well Name: Yangtze B 3 Fee #1H

Location:

SL 2830' FNL & 240' FEL, Section 3, T-16-S, R-25-E, Eddy Co., N.M.

BHL 2596' FNL & 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	8,955'	7-7/8"	5 1/2"	17#	N-80	Surface

Cement Program:

@ 1150'

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
8,955'	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: @ 1150'

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
4,100' - 8,955'	Polymer (Lateral)	9.0-9.4	40-45	10-20

EOG RESOURCES INC.

Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well Yangtze B 3 Fee #1H
Company:	EOG - Midland (3)	TVD Reference:	WELL @ 3472.00ft (Original Well Elev)
Project:	Thames	MD Reference:	WELL @ 3472.00ft (Original Well Elev)
Site:	Yangtze B 3 Fee #1H	North Reference:	Grid
Well:	Yangtze B 3 Fee #1H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Yangtze B 3 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	Yangtze B 3 Fee #1H				
Site Position:		Northing:	711,683.30ft	Latitude:	32° 57' 23.116 N
From:	Map	Easting:	459,702.70ft	Longitude:	104° 27' 52.951 W
Position Uncertainty:	0.00 ft	Slot Radius:	"	Grid Convergence:	-0.07 °

Well	Yangtze B 3 Fee #1H					
Well Position	+N/-S	0.00 ft	Northing:	711,683.30 ft	Latitude:	32° 57' 23.116 N
	+E/-W	0.00 ft	Easting:	459,702.70 ft	Longitude:	104° 27' 52.951 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	3,454.00ft

Wellbore	Yangtze B 3 Fee #1H				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2005	12/13/2006	8.57	60.80	49,363

Design	Original Plan			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	4,766.00	0.00	0.00	272.97

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	
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,972.81	64.46	283.00	4,800.00	99.30	-430.00	7.39	7.39	-8.82	283.00	PP (Yangtze B #1H)
5,200.89	90.00	283.00	4,850.00	148.93	-644.95	11.20	11.20	0.00	359.99	
5,845.39	90.00	270.11	4,850.00	222.35	-1,283.88	2.00	0.00	-2.00	-90.00	
6,523.39	90.00	270.11	4,850.00	223.65	-1,961.88	0.00	0.00	0.00	0.00	
6,590.30	92.01	270.10	4,848.83	223.78	-2,028.78	3.00	3.00	-0.01	-0.15	
8,954.58	92.01	270.10	4,766.01	228.10	-4,391.61	0.00	0.00	0.00	0.00	
8,954.88	92.00	270.10	4,766.00	228.10	-4,391.90	3.00	-2.51	-1.64	-146.95	BHL (Yangtze B #1)

EOG RESOURCES INC.

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Yangtze B 3 Fee #1H
Well: Yangtze B 3 Fee #1H
Wellbore: Yangtze B 3 Fee #1H
Design: Original Plan

Local Co-ordinate Reference: Well Yangtze B 3 Fee #1H
TVD Reference: WELL @ 3472.00ft (Original Well Elev)
MD Reference: WELL @ 3472.00ft (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)	Bulld 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	7.39	283.00	4,199.72	1.45	-6.27	6.34	7.39	7.39	0.00
4,300.00	14.77	283.00	4,297.79	5.77	-24.98	25.25	7.39	7.39	0.00
4,400.00	22.16	283.00	4,392.58	12.89	-55.82	56.41	7.39	7.39	0.00
4,500.00	29.54	283.00	4,482.51	22.69	-98.27	99.31	7.39	7.39	0.00
4,600.00	36.93	283.00	4,566.10	35.02	-151.63	153.24	7.39	7.39	0.00
4,700.00	44.31	283.00	4,641.95	49.65	-215.02	217.30	7.39	7.39	0.00
4,800.00	51.70	283.00	4,708.81	66.37	-287.38	290.44	7.39	7.39	0.00
4,900.00	59.08	283.00	4,765.57	84.87	-367.52	371.43	7.39	7.39	0.00
4,972.81	64.46	283.00	4,800.00	99.30	-430.00	434.57	7.39	7.39	0.00
5,000.00	67.50	283.00	4,811.07	104.89	-454.20	459.03	11.20	11.20	0.00
5,100.00	78.70	283.00	4,840.09	126.38	-547.28	553.10	11.20	11.20	0.00
5,200.00	89.90	283.00	4,850.00	148.73	-644.08	650.93	11.20	11.20	0.00

EOG RESOURCES INC.

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Project: Thames
Site: Yangtze B 3 Fee #1H
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Wellbore: Yangtze B 3 Fee #1H
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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)
5,200.89	90.00	283.00	4,850.00	148.93	-644.95	651.80	11.20	11.20	0.00
5,300.00	90.00	281.02	4,850.00	169.55	-741.88	749.68	2.00	0.00	-2.00
5,400.00	90.00	279.02	4,850.00	186.95	-840.35	848.92	2.00	0.00	-2.00
5,500.00	90.00	277.02	4,850.00	200.89	-939.37	948.53	2.00	0.00	-2.00
5,600.00	90.00	275.02	4,850.00	211.38	-1,038.81	1,048.38	2.00	0.00	-2.00
5,700.00	90.00	273.02	4,850.00	218.38	-1,138.56	1,148.36	2.00	0.00	-2.00
5,800.00	90.00	271.02	4,850.00	221.90	-1,238.50	1,248.34	2.00	0.00	-2.00
5,845.39	90.00	270.11	4,850.00	222.35	-1,283.88	1,293.69	2.00	0.00	-2.00
5,900.00	90.00	270.11	4,850.00	222.45	-1,338.49	1,348.23	0.00	0.00	0.00
6,000.00	90.00	270.11	4,850.00	222.65	-1,438.49	1,448.11	0.00	0.00	0.00
6,100.00	90.00	270.11	4,850.00	222.84	-1,538.49	1,547.98	0.00	0.00	0.00
6,200.00	90.00	270.11	4,850.00	223.03	-1,638.49	1,647.86	0.00	0.00	0.00
6,300.00	90.00	270.11	4,850.00	223.22	-1,738.49	1,747.73	0.00	0.00	0.00
6,400.00	90.00	270.11	4,850.00	223.41	-1,838.49	1,847.61	0.00	0.00	0.00
6,500.00	90.00	270.11	4,850.00	223.61	-1,938.49	1,947.48	0.00	0.00	0.00
6,523.39	90.00	270.11	4,850.00	223.65	-1,961.88	1,970.84	0.00	0.00	0.00
6,590.30	92.01	270.10	4,848.83	223.78	-2,028.78	2,037.66	3.00	3.00	-0.01
6,600.00	92.01	270.10	4,848.49	223.79	-2,038.47	2,047.34	0.00	0.00	0.00
6,700.00	92.01	270.10	4,844.99	223.98	-2,138.41	2,147.15	0.00	0.00	0.00
6,800.00	92.01	270.10	4,841.48	224.16	-2,238.35	2,246.96	0.00	0.00	0.00
6,900.00	92.01	270.10	4,837.98	224.34	-2,338.29	2,346.78	0.00	0.00	0.00
7,000.00	92.01	270.10	4,834.48	224.53	-2,438.23	2,446.59	0.00	0.00	0.00
7,100.00	92.01	270.10	4,830.97	224.71	-2,538.17	2,546.40	0.00	0.00	0.00
7,200.00	92.01	270.10	4,827.47	224.89	-2,638.10	2,646.22	0.00	0.00	0.00
7,300.00	92.01	270.10	4,823.97	225.07	-2,738.04	2,746.03	0.00	0.00	0.00
7,400.00	92.01	270.10	4,820.47	225.26	-2,837.98	2,845.84	0.00	0.00	0.00
7,500.00	92.01	270.10	4,816.96	225.44	-2,937.92	2,945.66	0.00	0.00	0.00
7,600.00	92.01	270.10	4,813.46	225.62	-3,037.86	3,045.47	0.00	0.00	0.00
7,700.00	92.01	270.10	4,809.96	225.81	-3,137.80	3,145.28	0.00	0.00	0.00
7,800.00	92.01	270.10	4,806.45	225.99	-3,237.73	3,245.10	0.00	0.00	0.00
7,900.00	92.01	270.10	4,802.95	226.17	-3,337.67	3,344.91	0.00	0.00	0.00
8,000.00	92.01	270.10	4,799.45	226.35	-3,437.61	3,444.72	0.00	0.00	0.00
8,100.00	92.01	270.10	4,795.95	226.54	-3,537.55	3,544.54	0.00	0.00	0.00
8,200.00	92.01	270.10	4,792.44	226.72	-3,637.49	3,644.35	0.00	0.00	0.00
8,300.00	92.01	270.10	4,788.94	226.90	-3,737.43	3,744.17	0.00	0.00	0.00
8,400.00	92.01	270.10	4,785.44	227.09	-3,837.37	3,843.98	0.00	0.00	0.00
8,500.00	92.01	270.10	4,781.93	227.27	-3,937.30	3,943.79	0.00	0.00	0.00
8,600.00	92.01	270.10	4,778.43	227.45	-4,037.24	4,043.61	0.00	0.00	0.00
8,700.00	92.01	270.10	4,774.93	227.63	-4,137.18	4,143.42	0.00	0.00	0.00
8,800.00	92.01	270.10	4,771.43	227.82	-4,237.12	4,243.23	0.00	0.00	0.00
8,900.00	92.01	270.10	4,767.92	228.00	-4,337.06	4,343.05	0.00	0.00	0.00
8,954.58	92.01	270.10	4,766.01	228.10	-4,391.61	4,397.53	0.00	0.00	0.00
8,954.88	92.00	270.10	4,766.00	228.10	-4,391.90	4,397.82	3.00	-2.51	-1.64

EOG RESOURCES INC.

Planning Report

Database: EDM
Company: EOG - Midland (3)
Project: Thames
Site: Yangtze B 3 Fee #1H
Well: Yangtze B 3 Fee #1H
Wellbore: Yangtze B 3 Fee #1H
Design: Original Plan

Local Co-ordinate Reference: Well Yangtze B 3 Fee #1H
TVD Reference: WELL @ 3472.00ft (Original Well Elev)
MD Reference: WELL @ 3472.00ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

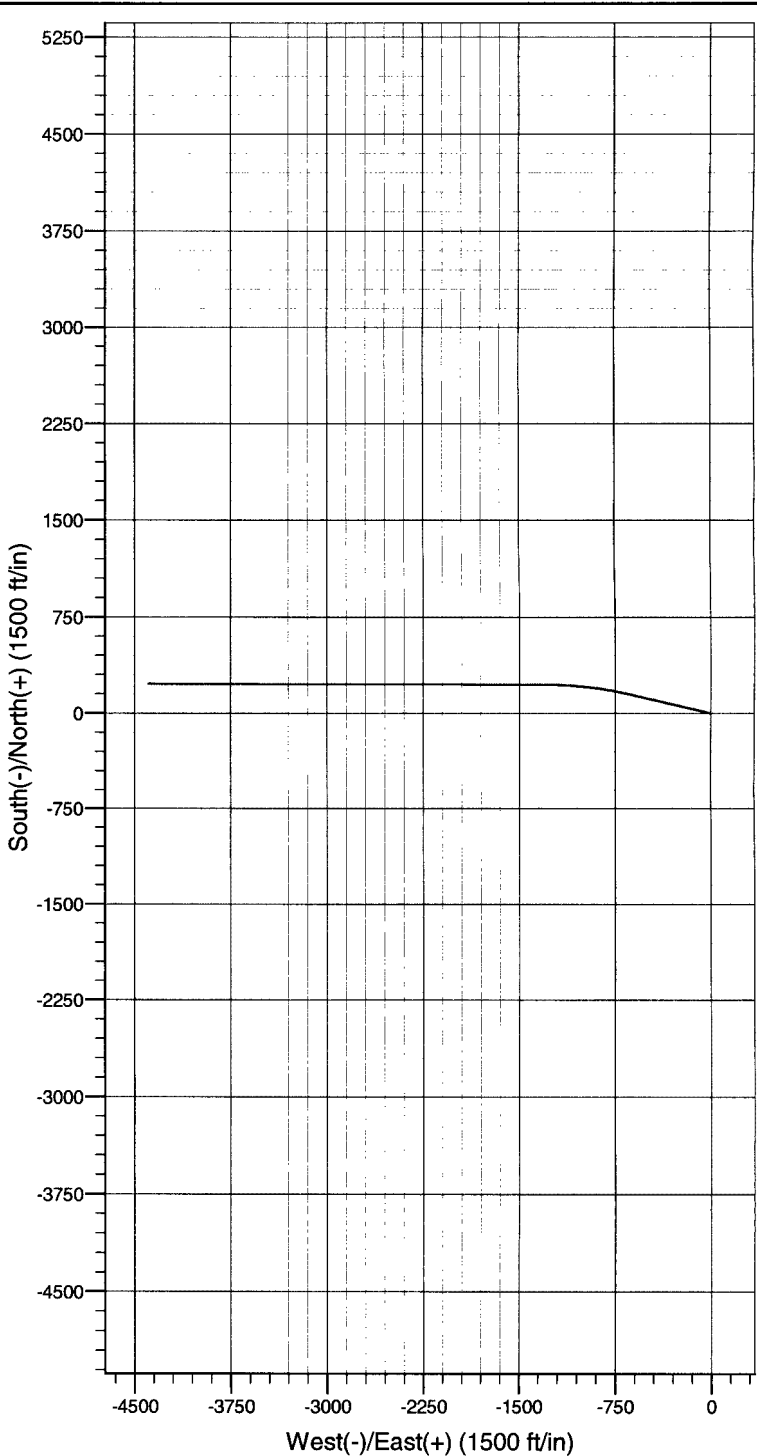
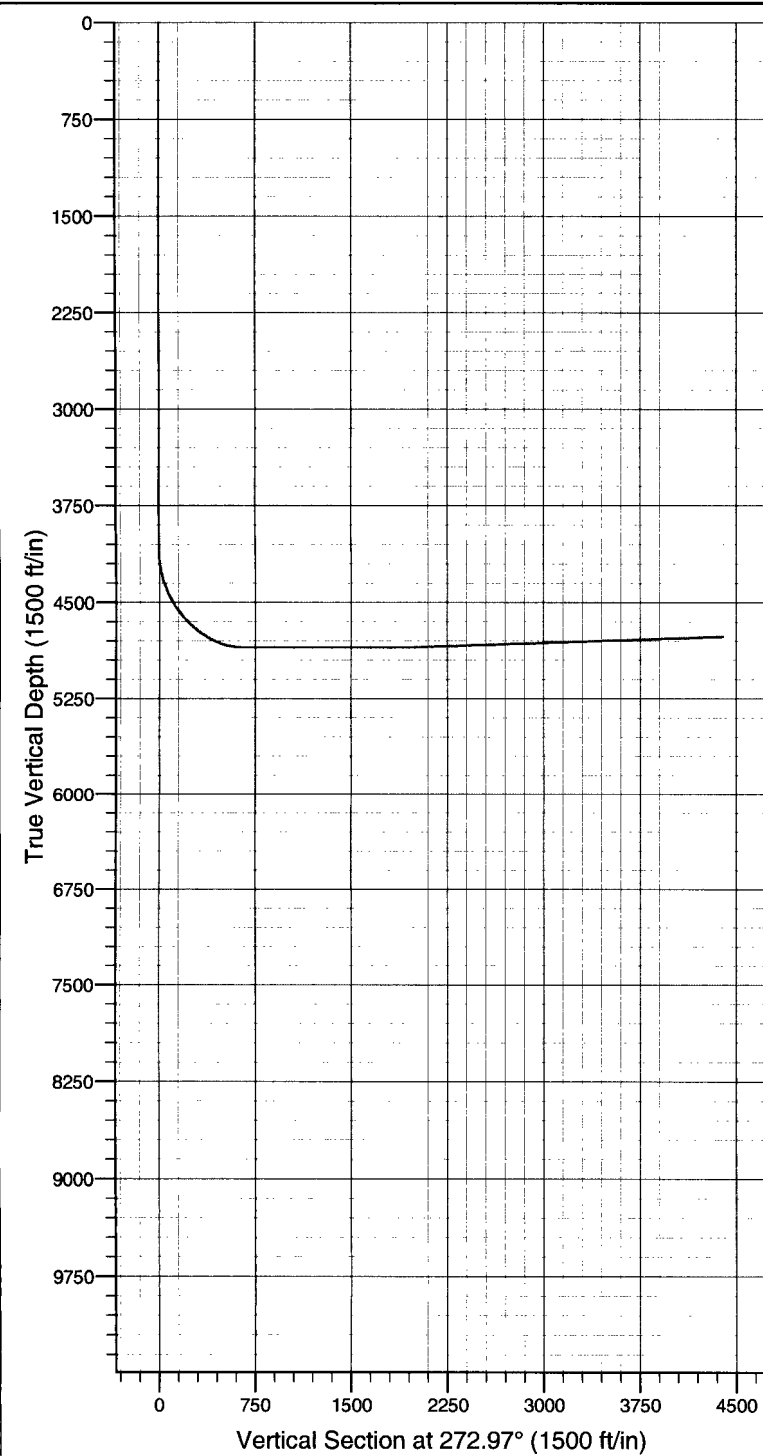
Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
PP (Yangtze B #1H)	0.00	0.00	4,800.00	99.30	-430.00	711,782.60	459,272.70	32° 57' 24.093 N	104° 27' 58.000 W
- plan hits target									
- Point									
BHL (Yangtze B #1H)	0.00	0.00	4,766.00	228.10	-4,391.90	711,911.40	455,310.80	32° 57' 25.316 N	104° 28' 44.501 W
- plan hits target									
- Point									

WELL DETAILS: Yangtze B 3 Fee #1H

+N/-S	+E/-W	Northing	Ground Level:		3454.00	Latitude	Longitude	Slot
			Easting					
0.00	0.00	711683.30	459702.70			32° 57' 23.116 N	104° 27' 52.951 W	

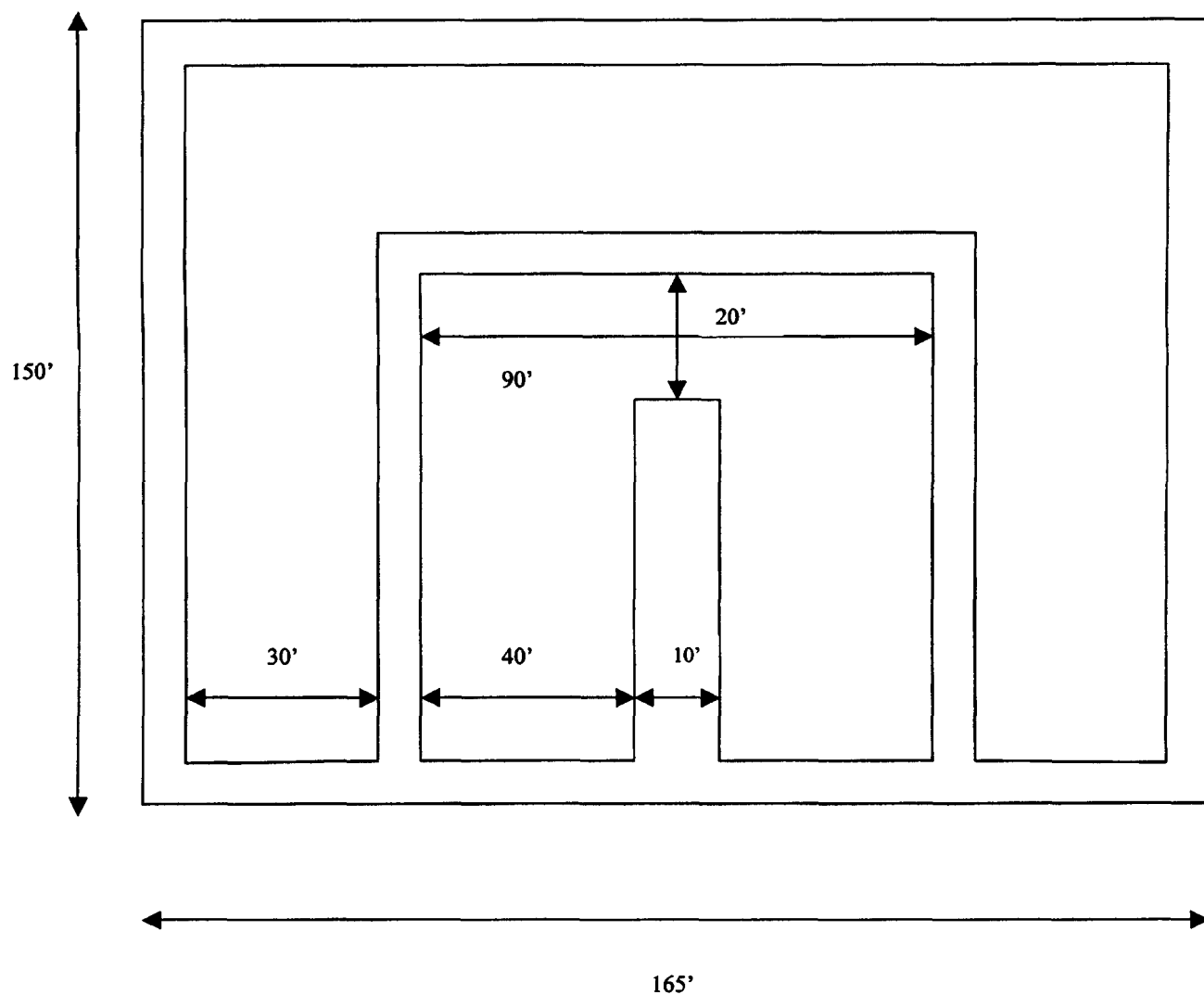
SECTION DETAILS

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	
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	
4972.81	64.46	283.00	4800.00	99.30	-430.00	7.39	283.00	434.57	PP (Yangtze B #1H)
5200.89	90.00	283.00	4850.00	148.93	-644.95	11.20	359.99	651.80	
5845.39	90.00	270.11	4850.00	222.35	-1283.88	2.00	-90.00	1293.69	
6523.39	90.00	270.11	4850.00	223.65	-1961.88	0.00	0.00	1970.84	
6590.30	92.01	270.10	4848.83	223.78	-2028.78	3.00	-0.15	2037.66	
8954.58	92.01	270.10	4766.01	228.10	-4391.61	0.00	0.00	4397.53	
8954.88	92.00	270.10	4766.00	228.10	-4391.90	3.00	-146.95	4397.82	BHL (Yangtze B #1H)



30-015-35327

New Mexico Double Horseshoe Reserve Pit Design



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