

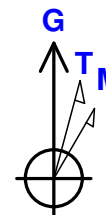
# XYZ Operating

Location: Offshore LA - GOM  
 Field: Mississippi Canyon 109  
 Well: MC109 A-32  
 Wellpath: A-32 ER  
 Plan Date: 05/03/2001 Plan H2



MC109 A-32 Plan H2  
 Created By: Vernon Robin  
 Date: 05/03/2001

Tri-City Services, Inc.

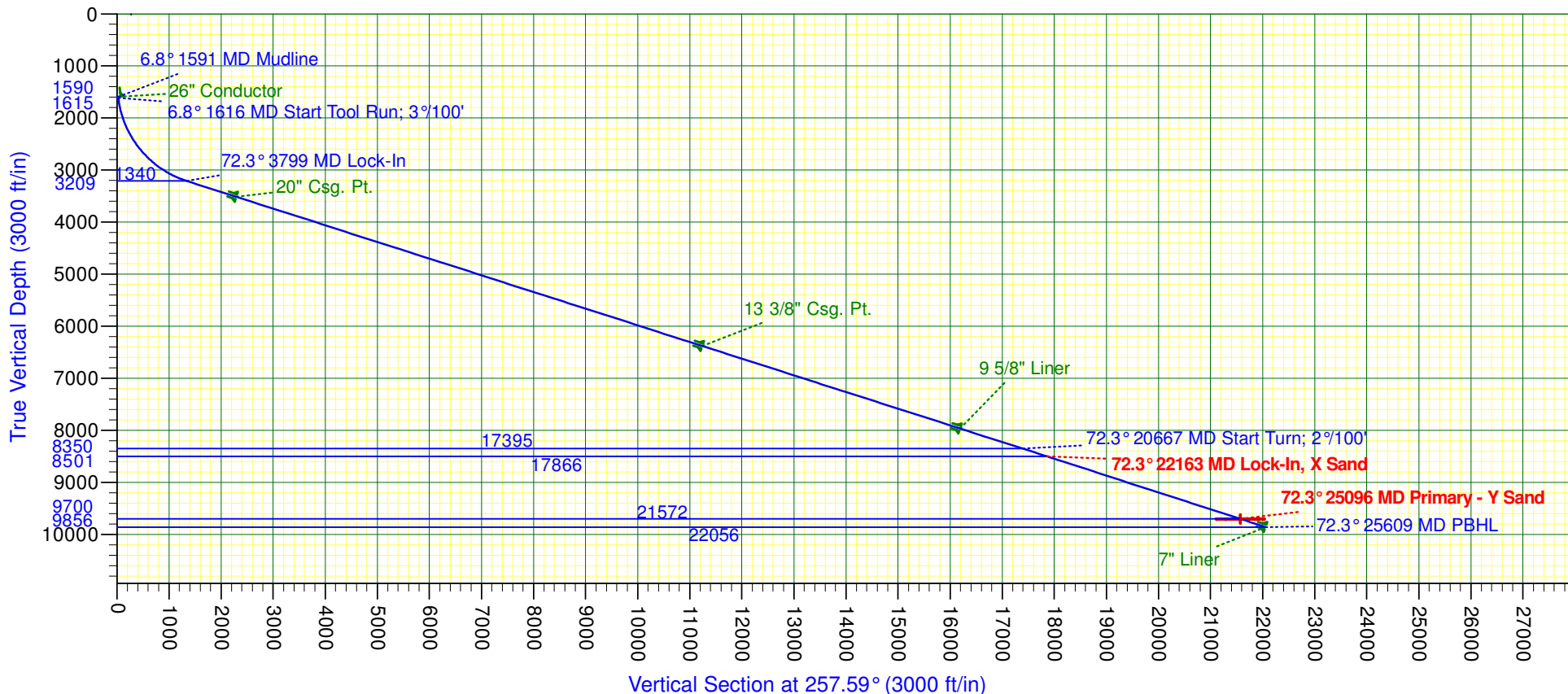


Azimuths to Grid North  
 True North: 0.93°  
 Magnetic North: 1.34°

Magnetic Field  
 Strength: 48464.3snT  
 Dip Angle: 59.26°  
 Date: 5/3/2001  
 Model: IGRF200510

## TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Drillers Target	9700.00	-4707.00	-21052.23	Ellipse (Radii: L520.00 W280.00)
Y Sand Target	9700.00	-4707.00	-21052.23	Rectangle (Sides: L900.00 W750.00)



## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	1591.00	6.82	247.72	1590.13	-2.51	-24.11	0.00	0.00	24.09	
2	1616.00	6.82	247.72	1614.95	-3.64	-26.86	0.00	0.00	27.01	
3	3799.47	72.26	255.53	3209.24	-351.33	-1294.81	3.00	8.18	1340.06	
4	20666.94	72.26	255.53	8349.79	-4365.83	-16850.20	0.00	0.00	17394.77	
5	21162.85	72.26	265.94	8501.31	-4441.74	-17315.60	2.00	91.59	17865.61	
6	25096.16	72.26	265.94	9700.00	-4706.71	-21052.42	0.00	0.00	21572.03	Y Sand Target
7	25609.40	72.26	265.94	9856.41	-4741.29	-21540.02	0.00	0.00	22055.66	

## CASING DETAILS

TVD	MD	Name	Hole Size
1590.13	1591.00	26" Conductor	26
3514.17	4800.00	20" Csg. Pt.	20
6378.92	14200.00	13 3/8" Csg. Pt.	13-3/8
7963.68	19400.00	9 5/8" Liner	9-5/8
9856.37	25609.25	7" Liner	7