

5D Plan Report

GMT Exploration Co., LLC**Field Name:** *Lea Co., New Mexico (NAD 83 NME)***Site Name:** *Solomon Fed Com #1H***Well Name:** *Solomon Fed Com #1H***Plan:** *P1:V1*

06 August 2014



Solomon Fed Com #1H
Lea Co., New Mexico

Plan Data for Solomon Fed Com #1H

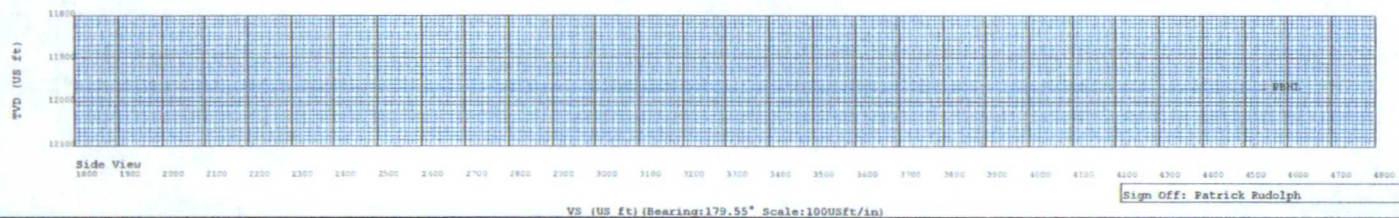
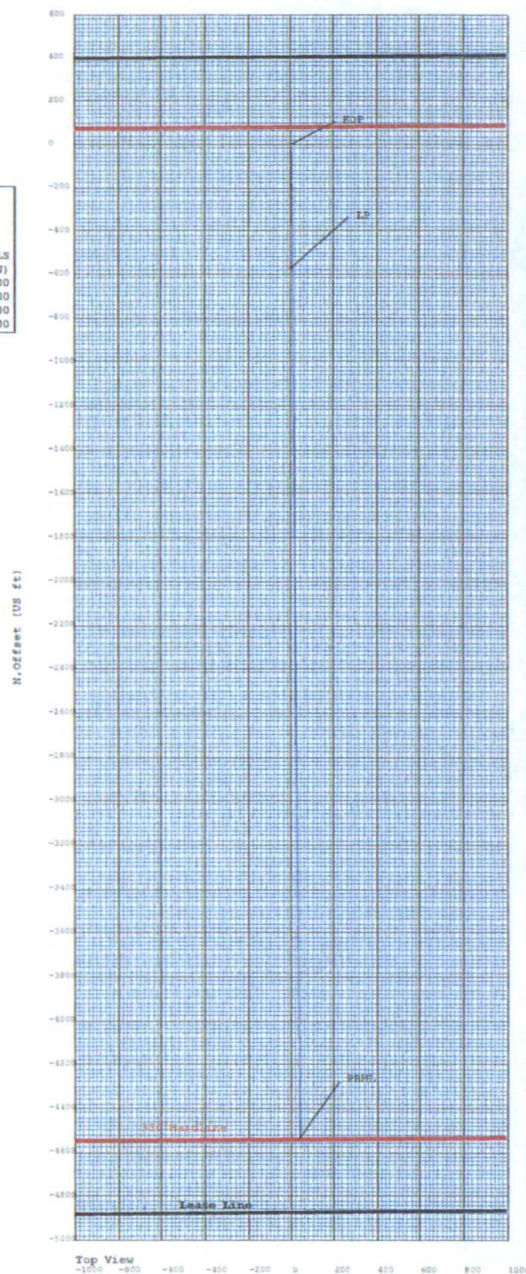
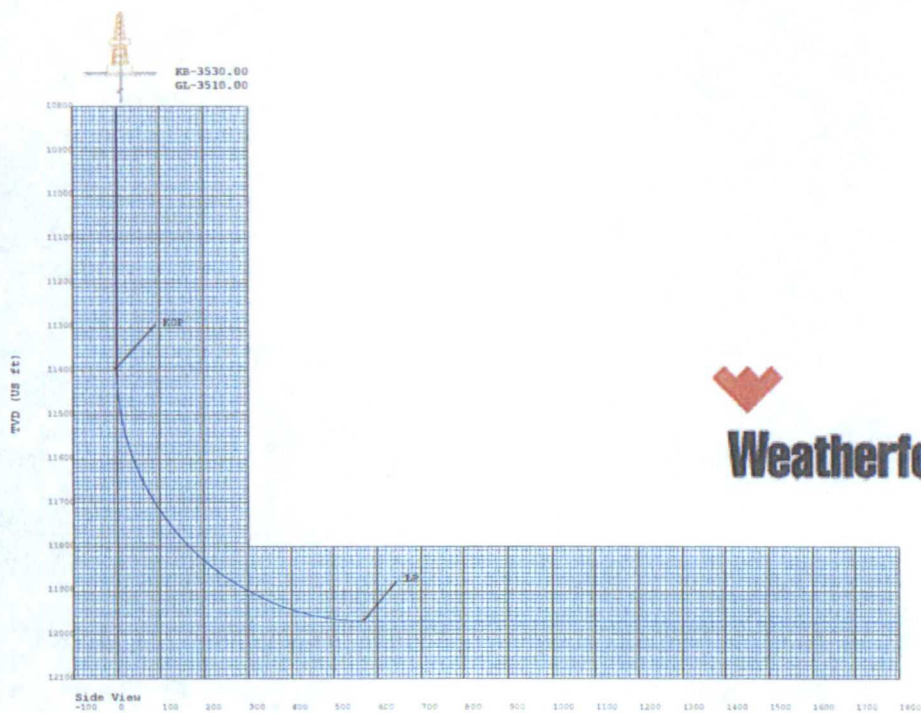
Site: Solomon Fed Com #1H
Unit: USFeet TVD Reference:
Company Name: GMT Exploration Co., LLC
Position: Northing: 440947.90USft Latitude: 32°12'33.1"
Easting: 813065.00USft Longitude: -103°27'17.2"
North Reference: Grid Grid Convergence: 0.47"
Elevation Above VRD: 0.00USft

Plan Data for Solomon Fed Com #1H

Plan Point Information:
DogLeg Severity Unit: °/100,00ft Position offsets from Slot centre
MD Inc Az TVD +N/-S +E/-W Northing Easting VSec DLS
(USft) (°) (°) (USft) (USft) (USft) (USft) (USft) (USft) (DLSU)
0.00 0.00 0.00 0.00 0.00 0.00 440947.90 813065.00 0.00 0.00
11397.04 0.00 0.00 11397.04 0.00 0.00 440947.90 813065.00 0.00 0.00
12297.04 90.00 179.55 11970.00 -572.94 4.51 440374.96 813069.51 572.96 10.00
16271.52 90.00 179.55 11970.00 -4547.30 35.80 436400.60 813100.80 4547.44 0.00

Plan Data for Solomon Fed Com #1H

Target Set Information:
Name: Solomon Fed Com #1H
Position offsets from Slot centre
Name TVD +N/-S +E/-W Northing Easting Shape Comment
(USft) (USft) (USft) (USft) (USft)
PBHL 11970.00 -4547.30 35.80 436400.60 813100.80 Cuboid



Sign Off: Patrick Rudolph

Solomon Fed Com #1H

Field Name Lea Co., New Mexico (NAD 83 NME)	Map Units : US ft		Company Name : GMT Exploration Co., LLC	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD83 / New Mexico East (ftUS)			
	Comment :			
Site Name Solomon Fed Com #1H	Units : US ft	North Reference : Grid	Convergence Angle : 0.47	
	Position	Northing : 440947.90 US ft	Latitude : 32° 12' 33.08"	
		Easting : 813065.00 US ft	Longitude : -103° 27' 17.19"	
	Elevation above Mean Sea Level:3510.00 US ft			
Comment :				
Slot Name Solomon Fed Com #1H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing :440947.90 US ft	Latitude : 32°12'33.08"	
	+E / -W : 0.00 US ft	Easting :813065.00 US ft	Longitude : -103°27'17.19"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3510.00 US ft				
Comment :				
Well Name Solomon Fed Com #1H	Type : Main well	UWI :	Plan : P1:V1	
	Rig Height <i>Kelly Bushing</i> : 20.00 US ft	Comment :		
	Relative to Mean Sea Level: 3530.00 US ft			
	Closure Distance : 4547.44 US ft	Closure Azimuth : 179.549°		
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft	+E / -W : 0.00 US ft	Az :179.55°	
	Magnetic Parameters			
Model : BGGM	Field Strength : 48246.5nT	Dec : 7.26°	Dip : 60.10°	Date : 31/Dec/2014

Target Set

Name : Solomon Fed Com #1H
Number of Targets : 1

Comment :

Target Name: PBHL Shape: Cuboid	Position (Relative to Slot centre)			
	+N / -S : -4547.30US ft		Northing : 436400.60 US ft	Latitude : 32°11'48.09"
	+E / -W : 35.80 US ft		Easting : 813100.80US ft	Longitude : -103°27'17.20"
	TVD (Kelly Bushing) : 11970.00 US ft			
	Orientation	Azimuth : 0.00°	Inclination : 0.00°	
	Dimensions	Length : 0.00 US ft	Breadth : 0.00 US ft	Height : 0.00 US ft

Well path created using minimum curvature

5D Plan Report

Salient Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	DLS (°/100 US ft)	VS (US ft)	B.Rate (°/100 US ft)	T.Rate (°/100 US ft)	T.Face (°)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	
11397.04	0.00	0.00	11397.04	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	KOP
12297.04	90.00	179.55	11970.00	-572.94	4.51	10.00	572.96	10.00	0.00	179.55	LP
16271.52	90.00	179.55	11970.00	-4547.30	35.80	0.00	4547.44	0.00	0.00	0.00	PBHL

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	T.Face (°)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
1000.00	0.00	0.00	1000.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
1200.00	0.00	0.00	1200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
1300.00	0.00	0.00	1300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
1400.00	0.00	0.00	1400.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
1500.00	0.00	0.00	1500.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
1600.00	0.00	0.00	1600.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
1700.00	0.00	0.00	1700.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
1800.00	0.00	0.00	1800.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
1900.00	0.00	0.00	1900.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
2100.00	0.00	0.00	2100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
2200.00	0.00	0.00	2200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
2300.00	0.00	0.00	2300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
2400.00	0.00	0.00	2400.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
2600.00	0.00	0.00	2600.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
2700.00	0.00	0.00	2700.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
2800.00	0.00	0.00	2800.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
2900.00	0.00	0.00	2900.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
3000.00	0.00	0.00	3000.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
3100.00	0.00	0.00	3100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
3200.00	0.00	0.00	3200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
3300.00	0.00	0.00	3300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
3400.00	0.00	0.00	3400.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
3500.00	0.00	0.00	3500.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
3600.00	0.00	0.00	3600.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
3700.00	0.00	0.00	3700.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
3800.00	0.00	0.00	3800.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
3900.00	0.00	0.00	3900.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
4000.00	0.00	0.00	4000.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
4100.00	0.00	0.00	4100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
4200.00	0.00	0.00	4200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
4300.00	0.00	0.00	4300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
4400.00	0.00	0.00	4400.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
4500.00	0.00	0.00	4500.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
4600.00	0.00	0.00	4600.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
4700.00	0.00	0.00	4700.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
4800.00	0.00	0.00	4800.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
4900.00	0.00	0.00	4900.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	T.Face (°)	Comment
5000.00	0.00	0.00	5000.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
5100.00	0.00	0.00	5100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
5200.00	0.00	0.00	5200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
5300.00	0.00	0.00	5300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
5400.00	0.00	0.00	5400.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
5500.00	0.00	0.00	5500.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
5600.00	0.00	0.00	5600.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
5700.00	0.00	0.00	5700.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
5800.00	0.00	0.00	5800.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
5900.00	0.00	0.00	5900.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
6000.00	0.00	0.00	6000.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
6100.00	0.00	0.00	6100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
6200.00	0.00	0.00	6200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
6300.00	0.00	0.00	6300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
6400.00	0.00	0.00	6400.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
6500.00	0.00	0.00	6500.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
6600.00	0.00	0.00	6600.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
6700.00	0.00	0.00	6700.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
6800.00	0.00	0.00	6800.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
6900.00	0.00	0.00	6900.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
7000.00	0.00	0.00	7000.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
7100.00	0.00	0.00	7100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
7200.00	0.00	0.00	7200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
7300.00	0.00	0.00	7300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
7400.00	0.00	0.00	7400.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
7500.00	0.00	0.00	7500.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
7600.00	0.00	0.00	7600.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
7700.00	0.00	0.00	7700.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
7800.00	0.00	0.00	7800.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
7900.00	0.00	0.00	7900.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
8000.00	0.00	0.00	8000.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
8100.00	0.00	0.00	8100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
8200.00	0.00	0.00	8200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
8300.00	0.00	0.00	8300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
8400.00	0.00	0.00	8400.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
8500.00	0.00	0.00	8500.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
8600.00	0.00	0.00	8600.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
8700.00	0.00	0.00	8700.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
8800.00	0.00	0.00	8800.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
8900.00	0.00	0.00	8900.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
9000.00	0.00	0.00	9000.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
9100.00	0.00	0.00	9100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
9200.00	0.00	0.00	9200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
9300.00	0.00	0.00	9300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
9400.00	0.00	0.00	9400.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
9500.00	0.00	0.00	9500.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
9600.00	0.00	0.00	9600.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
9700.00	0.00	0.00	9700.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
9800.00	0.00	0.00	9800.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
9900.00	0.00	0.00	9900.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
10000.00	0.00	0.00	10000.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
10100.00	0.00	0.00	10100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
10200.00	0.00	0.00	10200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
10300.00	0.00	0.00	10300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
10400.00	0.00	0.00	10400.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
10500.00	0.00	0.00	10500.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
10600.00	0.00	0.00	10600.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
10700.00	0.00	0.00	10700.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	

5D Plan Report

Interpolated Points (Relative to Slot centre, TVD relative to Kelly Bushing)											
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	VS (US ft)	DLS (°/100 US ft)	Northing (US ft)	Easting (US ft)	T.Face (°)	Comment
10800.00	0.00	0.00	10800.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
10900.00	0.00	0.00	10900.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
11000.00	0.00	0.00	11000.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
11100.00	0.00	0.00	11100.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
11200.00	0.00	0.00	11200.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
11300.00	0.00	0.00	11300.00	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	
11397.04	0.00	0.00	11397.04	0.00	0.00	-0.00	0.00	440947.90	813065.00	0.00	KOP
11400.00	0.30	179.55	11400.00	-0.01	0.00	0.01	10.00	440947.89	813065.00	179.55	
11500.00	10.30	179.55	11499.45	-9.23	0.07	9.23	10.00	440938.67	813065.07	0.00	
11600.00	20.30	179.55	11595.78	-35.57	0.28	35.57	10.00	440912.33	813065.28	0.00	
11700.00	30.30	179.55	11686.08	-78.25	0.62	78.25	10.00	440869.65	813065.62	0.00	
11800.00	40.30	179.55	11767.59	-135.95	1.07	135.95	10.00	440811.95	813066.07	0.00	
11900.00	50.30	179.55	11837.85	-206.93	1.63	206.94	10.00	440740.97	813066.63	0.00	
12000.00	60.30	179.55	11894.71	-289.04	2.28	289.05	10.00	440658.86	813067.28	0.00	
12100.00	70.30	179.55	11936.45	-379.77	2.99	379.78	10.00	440568.13	813067.99	0.00	
12200.00	80.30	179.55	11961.80	-476.37	3.75	476.38	10.00	440471.53	813068.75	0.00	
12297.04	90.00	179.55	11970.00	-572.94	4.51	572.96	10.00	440374.96	813069.51	0.00	LP
12300.00	90.00	179.55	11970.00	-575.90	4.53	575.92	0.00	440372.00	813069.53	0.00	
12400.00	90.00	179.55	11970.00	-675.90	5.32	675.92	0.00	440272.00	813070.32	0.00	
12500.00	90.00	179.55	11970.00	-775.89	6.11	775.92	0.00	440172.01	813071.11	0.00	
12600.00	90.00	179.55	11970.00	-875.89	6.90	875.92	0.00	440072.01	813071.90	0.00	
12700.00	90.00	179.55	11970.00	-975.89	7.68	975.92	0.00	439972.01	813072.68	0.00	
12800.00	90.00	179.55	11970.00	-1075.88	8.47	1075.92	0.00	439872.02	813073.47	0.00	
12900.00	90.00	179.55	11970.00	-1175.88	9.26	1175.92	0.00	439772.02	813074.26	0.00	
13000.00	90.00	179.55	11970.00	-1275.88	10.04	1275.92	0.00	439672.02	813075.04	0.00	
13100.00	90.00	179.55	11970.00	-1375.87	10.83	1375.92	0.00	439572.03	813075.83	0.00	
13200.00	90.00	179.55	11970.00	-1475.87	11.62	1475.92	0.00	439472.03	813076.62	0.00	
13300.00	90.00	179.55	11970.00	-1575.87	12.41	1575.92	0.00	439372.03	813077.41	0.00	
13400.00	90.00	179.55	11970.00	-1675.86	13.19	1675.92	0.00	439272.04	813078.19	0.00	
13500.00	90.00	179.55	11970.00	-1775.86	13.98	1775.92	0.00	439172.04	813078.98	0.00	
13600.00	90.00	179.55	11970.00	-1875.86	14.77	1875.92	0.00	439072.04	813079.77	0.00	
13700.00	90.00	179.55	11970.00	-1975.85	15.56	1975.92	0.00	438972.05	813080.56	0.00	
13800.00	90.00	179.55	11970.00	-2075.85	16.34	2075.92	0.00	438872.05	813081.34	0.00	
13900.00	90.00	179.55	11970.00	-2175.85	17.13	2175.92	0.00	438772.05	813082.13	0.00	
14000.00	90.00	179.55	11970.00	-2275.85	17.92	2275.92	0.00	438672.05	813082.92	0.00	
14100.00	90.00	179.55	11970.00	-2375.84	18.70	2375.92	0.00	438572.06	813083.70	0.00	
14200.00	90.00	179.55	11970.00	-2475.84	19.49	2475.92	0.00	438472.06	813084.49	0.00	
14300.00	90.00	179.55	11970.00	-2575.84	20.28	2575.92	0.00	438372.06	813085.28	0.00	
14400.00	90.00	179.55	11970.00	-2675.83	21.07	2675.92	0.00	438272.07	813086.07	0.00	
14500.00	90.00	179.55	11970.00	-2775.83	21.85	2775.92	0.00	438172.07	813086.85	0.00	
14600.00	90.00	179.55	11970.00	-2875.83	22.64	2875.92	0.00	438072.07	813087.64	0.00	
14700.00	90.00	179.55	11970.00	-2975.82	23.43	2975.92	0.00	437972.08	813088.43	0.00	
14800.00	90.00	179.55	11970.00	-3075.82	24.22	3075.92	0.00	437872.08	813089.22	0.00	
14900.00	90.00	179.55	11970.00	-3175.82	25.00	3175.92	0.00	437772.08	813090.00	0.00	
15000.00	90.00	179.55	11970.00	-3275.81	25.79	3275.92	0.00	437672.09	813090.79	0.00	
15100.00	90.00	179.55	11970.00	-3375.81	26.58	3375.92	0.00	437572.09	813091.58	0.00	
15200.00	90.00	179.55	11970.00	-3475.81	27.36	3475.92	0.00	437472.09	813092.36	0.00	
15300.00	90.00	179.55	11970.00	-3575.81	28.15	3575.92	0.00	437372.09	813093.15	0.00	
15400.00	90.00	179.55	11970.00	-3675.80	28.94	3675.92	0.00	437272.10	813093.94	0.00	
15500.00	90.00	179.55	11970.00	-3775.80	29.73	3775.92	0.00	437172.10	813094.73	0.00	
15600.00	90.00	179.55	11970.00	-3875.80	30.51	3875.92	0.00	437072.10	813095.51	0.00	
15700.00	90.00	179.55	11970.00	-3975.79	31.30	3975.92	0.00	436972.11	813096.30	0.00	
15800.00	90.00	179.55	11970.00	-4075.79	32.09	4075.92	0.00	436872.11	813097.09	0.00	
15900.00	90.00	179.55	11970.00	-4175.79	32.88	4175.92	0.00	436772.11	813097.88	0.00	
16000.00	90.00	179.55	11970.00	-4275.78	33.66	4275.92	0.00	436672.12	813098.66	0.00	
16100.00	90.00	179.55	11970.00	-4375.78	34.45	4375.92	0.00	436572.12	813099.45	0.00	
16200.00	90.00	179.55	11970.00	-4475.78	35.24	4475.92	0.00	436472.12	813100.24	0.00	
16271.52	90.00	179.55	11970.00	-4547.30	35.80	4547.44	0.00	436400.60	813100.80	0.00	PBHL

5D Plan Report

**Weatherford**

Weatherford Drilling Services

GeoDec4 v2.0.0.3

Report Date: August 06, 2014
Job Number: _____
Customer: GMT Exploration
Well Name: Solomon Fed Com #1H
API Number: _____
Rig Name: _____
Location: Lea Co, New Mexico (Nad 83 NME)
Block: _____
Engineer: Patrick Rudolph

NAD83 / New Mexico East (ftUS)	NAD83 (1986)
Projected Coordinate System	Geodetic Coordinate System
Datum: North American Datum 1983 (1986)	Datum: North American Datum 1983 (1986)
Ellipsoid: GRS 1980	Ellipsoid: GRS 1980
EPSG: 2257	EPSG: 4269
North: 440947.9 US Survey Foot	Latitude: 32.209191 Degree
East: 813065 US Survey Foot	Longitude: 103.464232 Degree
Convergence: 0.47°	
Declination: 7.21°	
Total Correction: 6.74°	
Datum Transformation: none	

Geodetic Location WGS84

MSL Elevation = 0 m

Latitude = 32° 12' 33.08" N

Longitude = 103° 27' 17.19" W

Magnetic Declination = 7.21 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6623
Local Field Strength = 48260 nT	Magnetic Vector X = 23877 nT
Magnetic Dip = 60.09 deg	Magnetic Vector Y = 3022 nT
Magnetic Model = bggm2013.bgs	Magnetic Vector Z = 41830 nT
Run Date = December 31, 2014	Magnetic Vector H = 24067 nT

Signed: _____ Date: _____

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