

HOBBS OCD
AUG 10 2016
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5D Plan Report

GMT Exploration Co., LLC

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

06 August 2014



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

Plan Data for Juliet Fed Com #1H

Site: Juliet Fed Com #1H
Unit: USFeet TVD Reference:
Company Name: GMT Exploration Co., LLC
Position: Northing: 440935.00USft Latitude: 32°12'33.1"
Easting: 811456.20USft Longitude: -103°27'35.9"
North Reference: Grid Grid Convergence: 0.47"
Elevation Above VRD: 0.00USft

Plan Data for Juliet 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	440935.00	811456.20	0.00	0.00
10552.04	0.00	0.00	10552.04	0.00	0.00	440935.00	811456.20	0.00	0.00
11452.04	90.00	179.53	11125.00	-572.94	4.71	440362.06	811460.91	572.96	10.00
15425.54	90.00	179.53	11125.00	-4546.30	37.40	436388.70	811493.60	4546.45	0.00

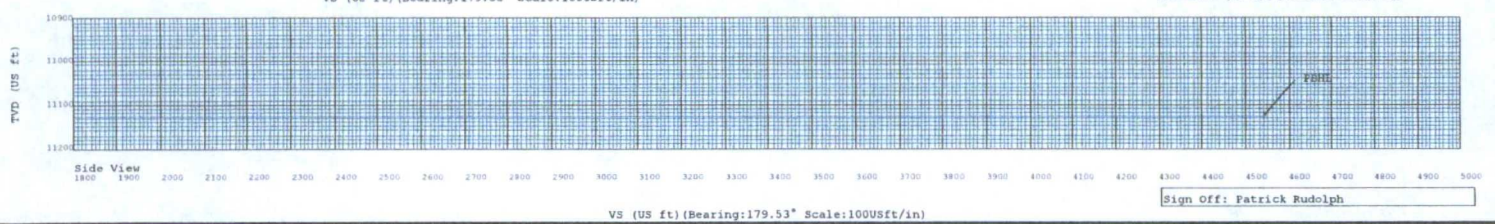
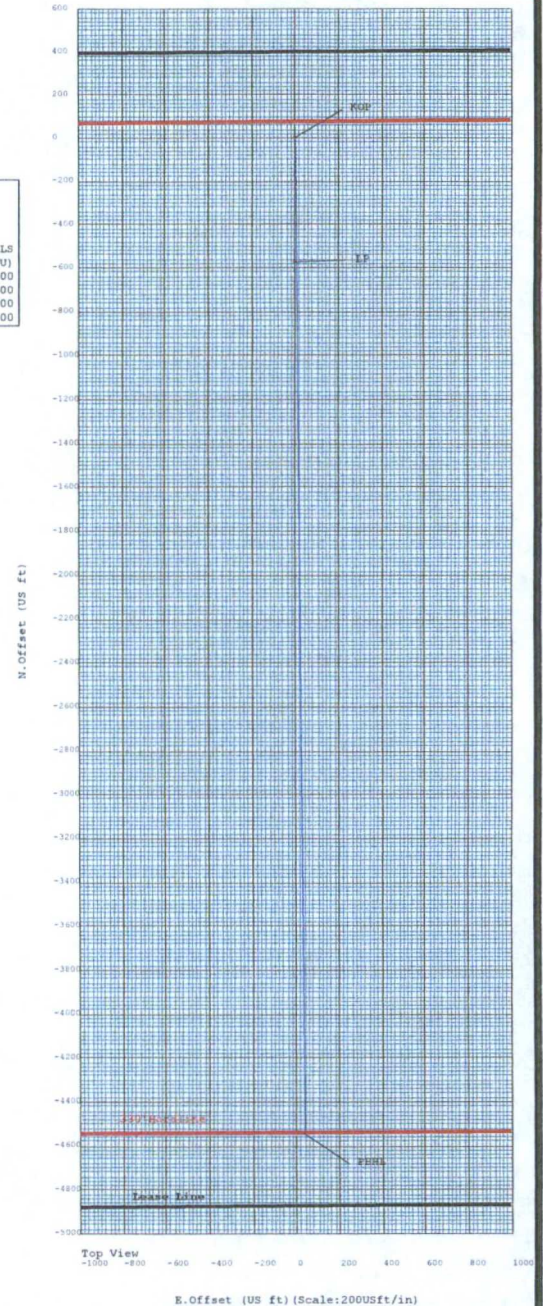
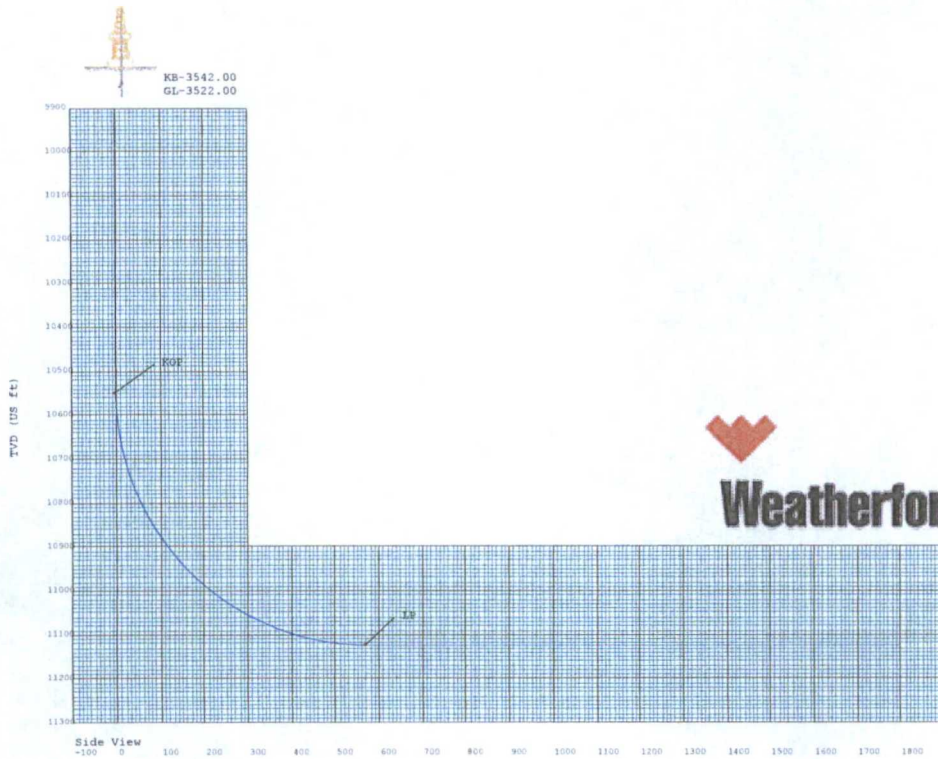
Plan Data for Juliet Fed Com #1H

Target Set Information:

Name: Juliet Fed Com #1H

Position offsets from Slot centre

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	Comment
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)		
PRHL	11125.00	-4546.30	37.40	436388.70	811493.60	Cuboid	



Sign Off: Patrick Rudolph

Juliet 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 Juliet Fed Com #1H	Units : US ft	North Reference : Grid	Convergence Angle : 0.47	
	Position	Northing : 440935.00 US ft	Latitude : 32° 12' 33.09"	
		Easting : 811456.20 US ft	Longitude : -103° 27' 35.91"	
	Elevation above Mean Sea Level:3522.00 US ft			
Comment :				
Slot Name Juliet Fed Com #1H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing :440935.00 US ft	Latitude : 32°12'33.09"	
	+E / -W : 0.00 US ft	Easting :811456.20 US ft	Longitude : -103°27'35.91"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3522.00 US ft				
Comment :				
Well Name Juliet 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: 3542.00 US ft			
	Closure Distance : 4546.46 US ft		Closure Azimuth : 179.529°	
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az :179.53°
	Magnetic Parameters			
	Model : BGGM	Field Strength : 48266.2nT	Dec : 7.28°	Dip : 60.10° Date : 01/Nov/2014

Target Set

Name : Juliet Fed Com #1H **Number of Targets** : 1

Comment :

Target Name:	Position (Relative to Slot centre)			
	+N / -S : -4546.30US ft	Northing : 436388.70 US ft	Latitude : 32°11'48.10"	
PBHL	+E / -W : 37.40 US ft	Easting : 811493.60US ft	Longitude : -103°27'35.90"	
Shape:	TVD (Kelly Bushing) : 11125.00 US ft			
Cuboid	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	
10552.04	0.00	0.00	10552.04	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	KOP
11452.04	90.00	179.53	11125.00	-572.94	4.71	10.00	572.96	10.00	0.00	179.53	LP
15425.54	90.00	179.53	11125.00	-4546.30	37.40	0.00	4546.46	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	440935.00	811456.20	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
1000.00	0.00	0.00	1000.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
1200.00	0.00	0.00	1200.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
1300.00	0.00	0.00	1300.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
1400.00	0.00	0.00	1400.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
1500.00	0.00	0.00	1500.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
1600.00	0.00	0.00	1600.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
1700.00	0.00	0.00	1700.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
1800.00	0.00	0.00	1800.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
1900.00	0.00	0.00	1900.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
2000.00	0.00	0.00	2000.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
2100.00	0.00	0.00	2100.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
2200.00	0.00	0.00	2200.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
2300.00	0.00	0.00	2300.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
2400.00	0.00	0.00	2400.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
2500.00	0.00	0.00	2500.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
2600.00	0.00	0.00	2600.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
2700.00	0.00	0.00	2700.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
2800.00	0.00	0.00	2800.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
2900.00	0.00	0.00	2900.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
3000.00	0.00	0.00	3000.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
3100.00	0.00	0.00	3100.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
3200.00	0.00	0.00	3200.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
3300.00	0.00	0.00	3300.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
3400.00	0.00	0.00	3400.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
3500.00	0.00	0.00	3500.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
3600.00	0.00	0.00	3600.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
3700.00	0.00	0.00	3700.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
3800.00	0.00	0.00	3800.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
3900.00	0.00	0.00	3900.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
4000.00	0.00	0.00	4000.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
4100.00	0.00	0.00	4100.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
4200.00	0.00	0.00	4200.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
4300.00	0.00	0.00	4300.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
4400.00	0.00	0.00	4400.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
4500.00	0.00	0.00	4500.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
4600.00	0.00	0.00	4600.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
4700.00	0.00	0.00	4700.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
4800.00	0.00	0.00	4800.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
4900.00	0.00	0.00	4900.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	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	440935.00	811456.20	0.00	
5100.00	0.00	0.00	5100.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
5200.00	0.00	0.00	5200.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
5300.00	0.00	0.00	5300.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
5400.00	0.00	0.00	5400.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
5500.00	0.00	0.00	5500.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
5600.00	0.00	0.00	5600.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
5700.00	0.00	0.00	5700.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
5800.00	0.00	0.00	5800.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
5900.00	0.00	0.00	5900.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
6000.00	0.00	0.00	6000.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
6100.00	0.00	0.00	6100.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
6200.00	0.00	0.00	6200.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
6300.00	0.00	0.00	6300.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
6400.00	0.00	0.00	6400.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
6500.00	0.00	0.00	6500.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
6600.00	0.00	0.00	6600.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
6700.00	0.00	0.00	6700.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
6800.00	0.00	0.00	6800.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
6900.00	0.00	0.00	6900.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
7000.00	0.00	0.00	7000.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
7100.00	0.00	0.00	7100.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
7200.00	0.00	0.00	7200.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
7300.00	0.00	0.00	7300.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
7400.00	0.00	0.00	7400.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
7500.00	0.00	0.00	7500.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
7600.00	0.00	0.00	7600.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
7700.00	0.00	0.00	7700.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
7800.00	0.00	0.00	7800.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
7900.00	0.00	0.00	7900.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
8000.00	0.00	0.00	8000.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
8100.00	0.00	0.00	8100.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
8200.00	0.00	0.00	8200.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
8300.00	0.00	0.00	8300.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
8400.00	0.00	0.00	8400.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
8500.00	0.00	0.00	8500.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
8600.00	0.00	0.00	8600.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
8700.00	0.00	0.00	8700.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
8800.00	0.00	0.00	8800.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
8900.00	0.00	0.00	8900.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
9000.00	0.00	0.00	9000.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
9100.00	0.00	0.00	9100.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
9200.00	0.00	0.00	9200.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
9300.00	0.00	0.00	9300.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
9400.00	0.00	0.00	9400.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
9500.00	0.00	0.00	9500.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
9600.00	0.00	0.00	9600.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
9700.00	0.00	0.00	9700.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
9800.00	0.00	0.00	9800.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
9900.00	0.00	0.00	9900.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
10000.00	0.00	0.00	10000.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
10100.00	0.00	0.00	10100.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
10200.00	0.00	0.00	10200.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
10300.00	0.00	0.00	10300.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
10400.00	0.00	0.00	10400.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
10500.00	0.00	0.00	10500.00	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	
10552.04	0.00	0.00	10552.04	0.00	0.00	-0.00	0.00	440935.00	811456.20	0.00	KOP
10600.00	4.80	179.53	10599.94	-2.01	0.02	2.01	10.00	440932.99	811456.22	179.53	

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
10700.00	14.80	179.53	10698.36	-19.00	0.16	19.00	10.00	440916.00	811456.36	0.00	
10800.00	24.80	179.53	10792.33	-52.82	0.43	52.82	10.00	440882.18	811456.63	0.00	
10900.00	34.80	179.53	10879.00	-102.45	0.84	102.45	10.00	440832.55	811457.04	0.00	
11000.00	44.80	179.53	10955.74	-166.37	1.37	166.38	10.00	440768.63	811457.57	0.00	
11100.00	54.80	179.53	11020.21	-242.65	2.00	242.65	10.00	440692.35	811458.20	0.00	
11200.00	64.80	179.53	11070.45	-328.96	2.71	328.97	10.00	440606.04	811458.91	0.00	
11300.00	74.80	179.53	11104.94	-422.68	3.48	422.70	10.00	440512.32	811459.68	0.00	
11400.00	84.80	179.53	11122.64	-520.97	4.29	520.99	10.00	440414.03	811460.49	0.00	
11452.04	90.00	179.53	11125.00	-572.94	4.71	572.96	10.00	440362.06	811460.91	0.00	LP
11500.00	90.00	179.53	11125.00	-620.90	5.11	620.92	0.00	440314.10	811461.31	0.00	
11600.00	90.00	179.53	11125.00	-720.89	5.93	720.92	0.00	440214.11	811462.13	0.00	
11700.00	90.00	179.53	11125.00	-820.89	6.75	820.92	0.00	440114.11	811462.95	0.00	
11800.00	90.00	179.53	11125.00	-920.89	7.58	920.92	0.00	440014.11	811463.78	0.00	
11900.00	90.00	179.53	11125.00	-1020.88	8.40	1020.92	0.00	439914.12	811464.60	0.00	
12000.00	90.00	179.53	11125.00	-1120.88	9.22	1120.92	0.00	439814.12	811465.42	0.00	
12100.00	90.00	179.53	11125.00	-1220.88	10.04	1220.92	0.00	439714.12	811466.24	0.00	
12200.00	90.00	179.53	11125.00	-1320.87	10.87	1320.92	0.00	439614.13	811467.07	0.00	
12300.00	90.00	179.53	11125.00	-1420.87	11.69	1420.92	0.00	439514.13	811467.89	0.00	
12400.00	90.00	179.53	11125.00	-1520.87	12.51	1520.92	0.00	439414.13	811468.71	0.00	
12500.00	90.00	179.53	11125.00	-1620.86	13.33	1620.92	0.00	439314.14	811469.53	0.00	
12600.00	90.00	179.53	11125.00	-1720.86	14.16	1720.92	0.00	439214.14	811470.36	0.00	
12700.00	90.00	179.53	11125.00	-1820.86	14.98	1820.92	0.00	439114.14	811471.18	0.00	
12800.00	90.00	179.53	11125.00	-1920.85	15.80	1920.92	0.00	439014.15	811472.00	0.00	
12900.00	90.00	179.53	11125.00	-2020.85	16.62	2020.92	0.00	438914.15	811472.82	0.00	
13000.00	90.00	179.53	11125.00	-2120.85	17.45	2120.92	0.00	438814.15	811473.65	0.00	
13100.00	90.00	179.53	11125.00	-2220.84	18.27	2220.92	0.00	438714.16	811474.47	0.00	
13200.00	90.00	179.53	11125.00	-2320.84	19.09	2320.92	0.00	438614.16	811475.29	0.00	
13300.00	90.00	179.53	11125.00	-2420.84	19.91	2420.92	0.00	438514.16	811476.11	0.00	
13400.00	90.00	179.53	11125.00	-2520.83	20.74	2520.92	0.00	438414.17	811476.94	0.00	
13500.00	90.00	179.53	11125.00	-2620.83	21.56	2620.92	0.00	438314.17	811477.76	0.00	
13600.00	90.00	179.53	11125.00	-2720.83	22.38	2720.92	0.00	438214.17	811478.58	0.00	
13700.00	90.00	179.53	11125.00	-2820.82	23.21	2820.92	0.00	438114.18	811479.41	0.00	
13800.00	90.00	179.53	11125.00	-2920.82	24.03	2920.92	0.00	438014.18	811480.23	0.00	
13900.00	90.00	179.53	11125.00	-3020.82	24.85	3020.92	0.00	437914.18	811481.05	0.00	
14000.00	90.00	179.53	11125.00	-3120.81	25.67	3120.92	0.00	437814.19	811481.87	0.00	
14100.00	90.00	179.53	11125.00	-3220.81	26.50	3220.92	0.00	437714.19	811482.70	0.00	
14200.00	90.00	179.53	11125.00	-3320.80	27.32	3320.92	0.00	437614.20	811483.52	0.00	
14300.00	90.00	179.53	11125.00	-3420.80	28.14	3420.92	0.00	437514.20	811484.34	0.00	
14400.00	90.00	179.53	11125.00	-3520.80	28.96	3520.92	0.00	437414.20	811485.16	0.00	
14500.00	90.00	179.53	11125.00	-3620.79	29.79	3620.92	0.00	437314.21	811485.99	0.00	
14600.00	90.00	179.53	11125.00	-3720.79	30.61	3720.92	0.00	437214.21	811486.81	0.00	
14700.00	90.00	179.53	11125.00	-3820.79	31.43	3820.92	0.00	437114.21	811487.63	0.00	
14800.00	90.00	179.53	11125.00	-3920.78	32.25	3920.92	0.00	437014.22	811488.45	0.00	
14900.00	90.00	179.53	11125.00	-4020.78	33.08	4020.92	0.00	436914.22	811489.28	0.00	
15000.00	90.00	179.53	11125.00	-4120.78	33.90	4120.92	0.00	436814.22	811490.10	0.00	
15100.00	90.00	179.53	11125.00	-4220.77	34.72	4220.92	0.00	436714.23	811490.92	0.00	
15200.00	90.00	179.53	11125.00	-4320.77	35.54	4320.92	0.00	436614.23	811491.74	0.00	
15300.00	90.00	179.53	11125.00	-4420.77	36.37	4420.92	0.00	436514.23	811492.57	0.00	
15400.00	90.00	179.53	11125.00	-4520.76	37.19	4520.92	0.00	436414.24	811493.39	0.00	
15425.54	90.00	179.53	11125.00	-4546.30	37.40	4546.46	0.00	436388.70	811493.60	0.00	PBHL

**Weatherford®**

Weatherford Drilling Services

GeoDec4 v2.0.0.3

Report Date: August 05, 2014
Job Number: _____
Customer: GMT Exploration
Well Name: Juliet 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: 440915.2 US Survey Foot	Latitude: 32.209195 Degree
East: 808819.7 US Survey Foot	Longitude: 103.468499 Degree
Convergence: 0.46°	
Declination: 7.24°	
Total Correction: 6.78°	
Datum Transformation: none	

Geodetic Location WGS84

MSL Elevation = 0 m

Latitude = 32° 12' 33.10" N

Longitude = 103° 28' 06.60" W

Magnetic Declination = 7.24 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6702
Local Field Strength = 48277 nT	Magnetic Vector X = 23882 nT
Magnetic Dip = 60.09 deg	Magnetic Vector Y = 3033 nT
Magnetic Model = bggm2013.bgs	Magnetic Vector Z = 41846 nT
Run Date = November 01, 2014	Magnetic Vector H = 24074 nT

Signed: _____ Date: _____

PRODUCTION HOLE SECTION

Fill-up Line

MCVAY RIG #4

13 3/8" 5000# STACK

Drill the Producing Section (7 7/8" Hole)

TEST STACK WITH TEST
PLUG TO 3000 psig
TEST CASING TO
1500 psig

ANNULAR PREVENTER

PIPE RAMS

BLIND RAMS

DRILLING
SPOOL

2" Nominal

3" Nominal

REVERSE CIRCULATING
AND
KILL LINE

5000 PSI WORKING PRESSURE

Remotely Operated Choke

To Pit or Separator

Blowout Preventer
Stack Outlet

2" Nominal

3" Nominal

Bleed Line to Pit

Choke
Line

3" Nominal

HCR Valve

2"

To Pit

2" Nominal

Manual Adjustable Choke

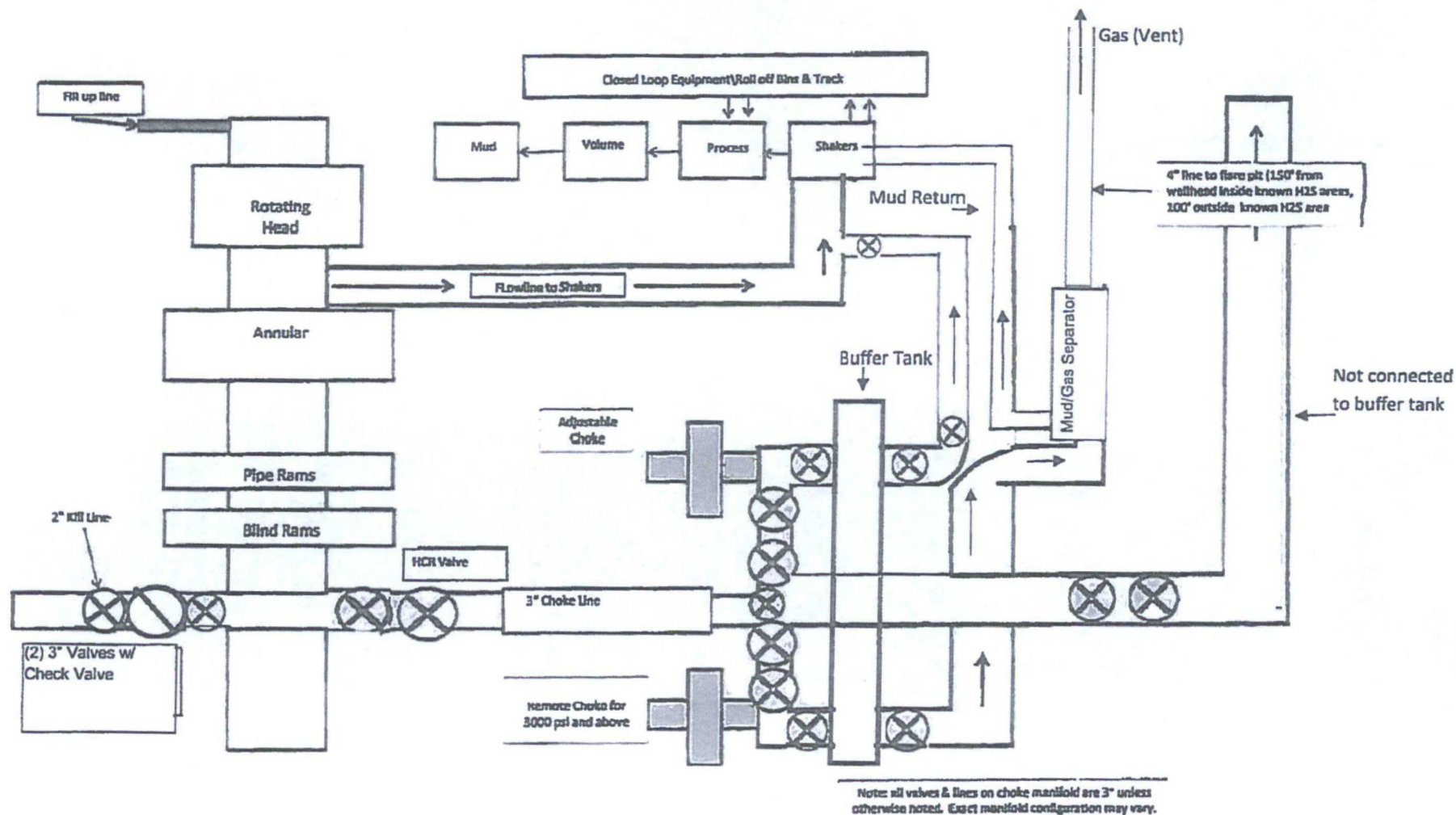
5000 PSI WORKING PRESSURE

Location: Sec. 22 T24S R34E
Lea County, New Mexico

Juliet Federal Com #1H
BLOWOUT PREVENTER AND CHOKE MANIFOLD

11/20/2014

Scale: None



13 3/8" X 5-M BOPE (2 Rams and Rotating Head) & Closed Loop System Equipment Schematic Diagram 2

Location: Sec. 22 T24S R34E Lea County, New Mexico	Juliet Federal Com #1H BLOWOUT PREVENTER AND CHOKE MANIFOLD	Scale: None	11/20/2014
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Primary Egress/ Entrance



GMT Exploration
Company, LLC

Rig Location Layout Exhibit 6

Juliet Federal Com #1H
Sec. 22-T24S-R34E



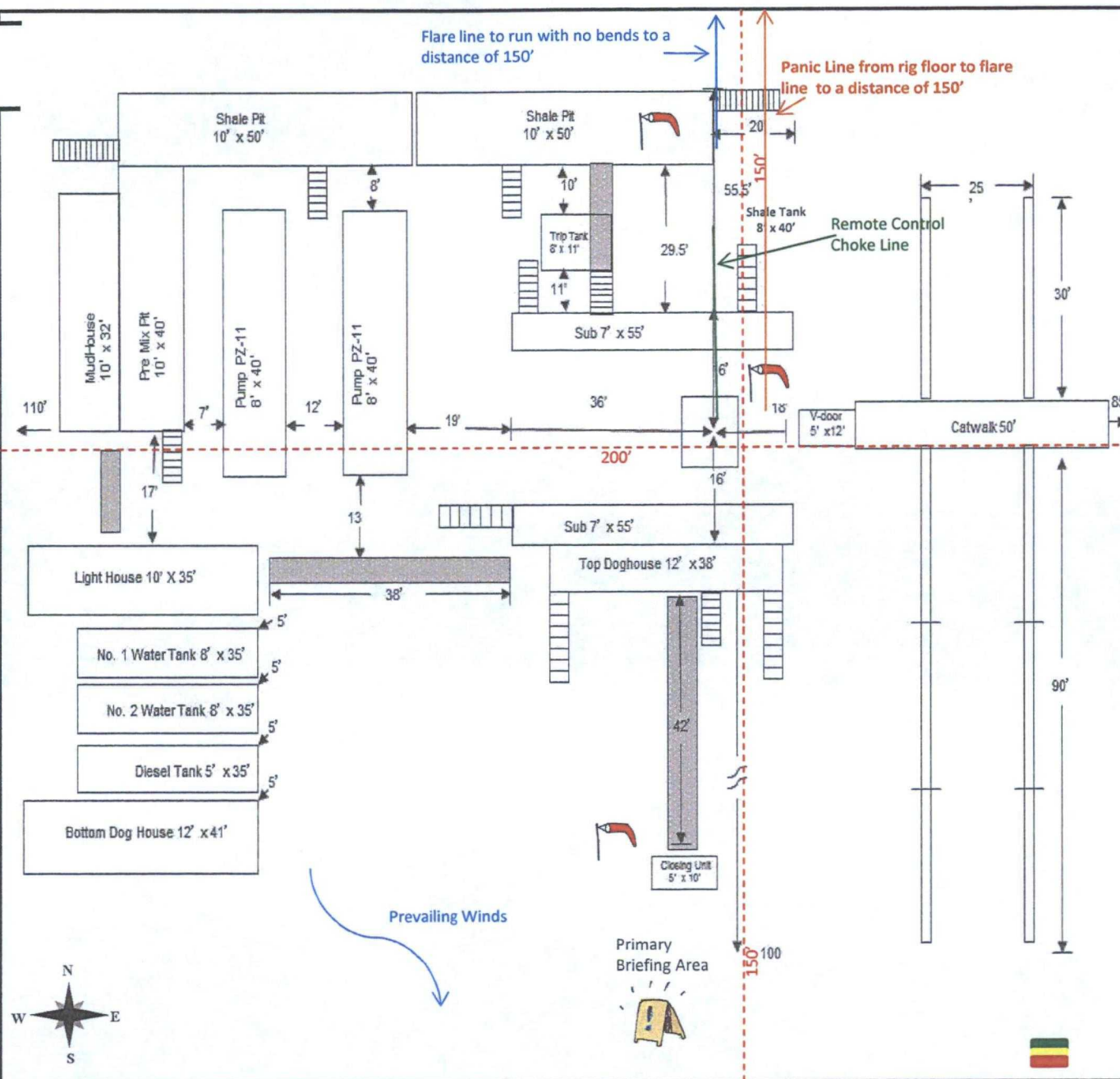
Location Entrance Warning
Sign used to control
location in event of an
emergency



Wind
Indicator



Safe Briefing
Area



Not to Scale

Juliet

Exhibit 5

