

30-025-42536

devon

Bell Lake 19 State 6H
Lea Co, NM

Weatherford

Plan Data for Bell Lake 19 State 6H

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	436071.54	762329.95	0.00	0.00
9191.82	0.00	0.00	9191.82	0.00	0.00	436071.54	762329.95	0.00	0.00
9391.82	20.00	23.20	9387.78	31.76	13.61	436103.30	762343.56	31.68	10.00
10107.67	89.86	359.67	9777.00	574.73	66.89	436646.27	762396.84	574.34	10.00
14154.58	89.86	359.67	9787.00	4621.57	43.51	440693.11	762373.46	4621.24	0.00

Plan Data for Bell Lake 19 State 6H

Target Set Information:
Name: Bell Lake 19 State 6H
Position offsets from Slot centre

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	Comment
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)		
PBHL 6H	9787.00	4621.57	43.51	440693.11	762373.46	Cuboid	

Plan Data for Bell Lake 19 State 6H

Slot: Bell Lake 19 State 6H
Position:
Offset is from Site centre

+N/-S:	0.00USft	Northing:	436071.54USft	Latitude:	32°11'48.6"
+E/-W:	0.00USft	Easting:	762329.95USft	Longitude:	-103°37'8.1"
Elevation Above VRD: 3542.00USft					

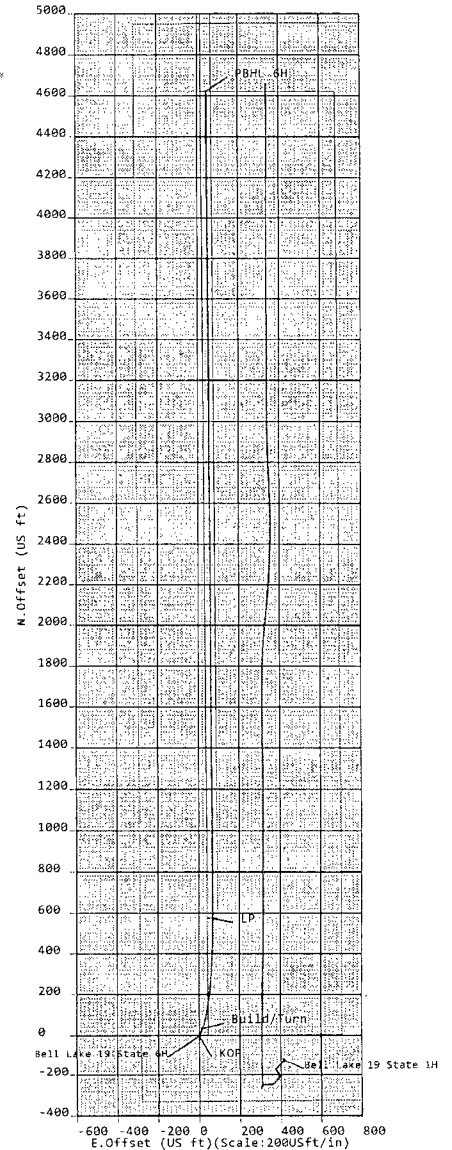
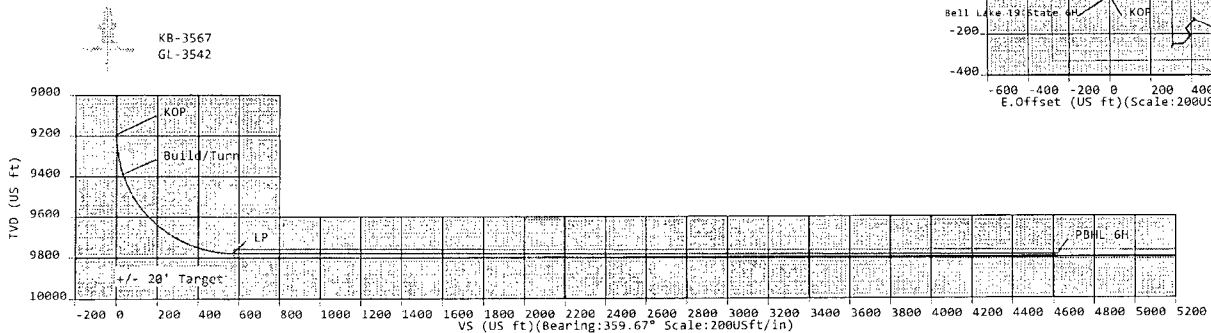
Plan Data for Bell Lake 19 State 6H

Well: Bell Lake 19 State 6H
Type: Main-Well
File Number:

Plan Folder: P1 Plan: P1:V1
Vertical Section: Position offset of origin from Slot centre:
+N/-S: 0.00USft Azimuth: 359.67°
+E/-W: 0.00USft

Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
BGGH 48173(nT) 7.30° 60.05° 2015-05-15

Bell Lake 19 State 6H _____
Bell Lake 19 State 1H Pilot _____
Bell Lake 19 State 1H Lateral _____



Sign Off: Russell Joyner

MAY 05 2015

5D Plan Report**Devon Energy****Field Name:** *Lea Co, NM Nad 83 NMEZ***Site Name:** *Bell Lake 19 State 6H***Well Name:** *Bell Lake 19 State 6H***Plan:** *P1:V1*

16 April 2015



Bell Lake 19 State 6H

Field Name	Map Units : US ft			Company Name : Devon Energy		
Lea Co. NM Nad 83 NMEZ	Vertical Reference Datum (VRD) : Mean Sea Level					
	Projected Coordinate System : NAD83 / New Mexico East (ftUS)					
	Comment :					
Site Name	Units : US ft	North Reference : Grid	Convergence Angle : 0.38			
	Position	Northing : 436071.54 US ft	Latitude : 32° 11' 48.55"			
		Easting : 762329.95 US ft	Longitude : -103° 37' 8.06"			
Bell Lake 19 State 6H	Elevation above Mean Sea Level: 3542.00 US ft					
Comment :						
Slot Name	Position (Offsets relative to Site Centre)					
	+N / -S : 0.00 US ft	Northing : 436071.54 US ft	Latitude : 32° 11' 48.55"			
	+E / -W : 0.00 US ft	Easting : 762329.95 US ft	Longitude : -103° 37' 8.06"			
Bell Lake 19 State 6H	Slot TVD Reference : Ground Elevation					
Elevation above Mean Sea Level : 3542.00 US ft						
Comment :						
Well Name	Type : Main well	UWI :	Plan : P1:V1			
	Rig Height <i>Kelly Bushing</i> : 25.00 US ft	Comment :				
	Relative to Mean Sea Level: 3567.00 US ft					
Bell Lake 19 State 6H	Closure Distance : 4621.77 US ft	Closure Azimuth : 0.539398°				
Vertical Section (Position of Origin Relative to Slot)						
	+N / -S : 0.00 US ft	+E / -W : 0.00 US ft	Az : 359.67°			
Magnetic Parameters						
	Model : BGGM	Field Strength : 48173.6nT	Dec : 7.30°	Dip : 60.05°	Date : 15/May/2015	

Target Set	
Name : Bell Lake 19 State 6H	Number of Targets : 1

Comment :

Target Name:	Position (Relative to Slot centre)		
BBHL 6H	+N / -S : 4621.57 US ft	Northing : 440693.11 US ft	Latitude : 32° 12' 34.28"
	+E / -W : 43.51 US ft	Easting : 762373.46 US ft	Longitude : -103° 37' 7.19"
Shape:	TVD (Kelly Bushing) : 9787.00 US ft		
Cuboid	Orientation Azimuth : 0.00°	Inclination : 0.00°	
	Dimensions Length : 20.00 US ft	Breadth : 20.00 US ft	Height : 20.00 US ft

Well path created using minimum curvature

SD 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)	VS (US ft)	DLS (°/100 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	
9191.82	0.00	0.00	9191.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP
9391.82	20.00	23.20	9387.78	31.76	13.61	31.68	10.00	10.00	0.00	23.20	Build/Turn
10107.67	89.86	359.67	9777.00	574.73	66.89	574.34	10.00	9.76	-3.29	335.12	LP
14154.58	89.86	359.67	9787.00	4621.57	43.51	4621.24	0.00	0.00	0.00	0.00	PBHL 6H

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)		Comment
9100.00	0.00	0.00	9100.00	0.00	0.00	0.00	0.00	436071.54	762329.95		
9191.82	0.00	0.00	9191.82	0.00	0.00	0.00	0.00	436071.54	762329.95		KOP
9200.00	0.82	23.20	9200.00	0.05	0.02	0.05	10.00	436071.59	762329.97		
9300.00	10.82	23.20	9299.36	9.36	4.01	9.34	10.00	436080.90	762333.96		
9391.82	20.00	23.20	9387.78	31.76	13.61	31.68	10.00	436103.30	762343.56		Build/Turn
9400.00	20.74	22.23	9395.45	34.39	14.71	34.30	10.00	436105.93	762344.66		
9500.00	30.14	14.15	9485.68	75.23	27.58	75.07	10.00	436146.77	762357.53		
9600.00	39.82	9.69	9567.53	131.28	39.14	131.05	10.00	436202.82	762369.09		
9700.00	49.60	6.76	9638.51	200.83	49.04	200.55	10.00	436272.37	762378.99		
9800.00	59.45	4.57	9696.48	281.78	56.97	281.44	10.00	436353.32	762386.92		
9900.00	69.32	2.80	9739.67	371.65	62.70	371.28	10.00	436443.19	762392.65		
10000.00	79.21	1.24	9766.76	467.72	66.05	467.33	10.00	436539.26	762396.00		
10100.00	89.10	359.78	9776.94	567.07	66.92	566.67	10.00	436638.61	762396.87		
10107.67	89.86	359.67	9777.00	574.73	66.89	574.34	10.00	436646.27	762396.84		LP
10200.00	89.86	359.67	9777.23	667.06	66.35	666.67	0.00	436738.60	762396.30		
10300.00	89.86	359.67	9777.48	767.06	65.78	766.67	0.00	436838.60	762395.73		
10400.00	89.86	359.67	9777.73	867.06	65.20	866.67	0.00	436938.60	762395.15		
10500.00	89.86	359.67	9777.97	967.06	64.62	966.67	0.00	437038.60	762394.57		
10600.00	89.86	359.67	9778.22	1067.06	64.04	1066.67	0.00	437138.60	762393.99		
10700.00	89.86	359.67	9778.47	1167.05	63.47	1166.67	0.00	437238.59	762393.42		
10800.00	89.86	359.67	9778.71	1267.05	62.89	1266.67	0.00	437338.59	762392.84		
10900.00	89.86	359.67	9778.96	1367.05	62.31	1366.67	0.00	437438.59	762392.26		
11000.00	89.86	359.67	9779.21	1467.05	61.73	1466.67	0.00	437538.59	762391.68		
11100.00	89.86	359.67	9779.46	1567.05	61.15	1566.67	0.00	437638.59	762391.10		
11200.00	89.86	359.67	9779.70	1667.04	60.58	1666.67	0.00	437738.58	762390.53		
11300.00	89.86	359.67	9779.95	1767.04	60.00	1766.67	0.00	437838.58	762389.95		
11400.00	89.86	359.67	9780.20	1867.04	59.42	1866.67	0.00	437938.58	762389.37		
11500.00	89.86	359.67	9780.44	1967.04	58.84	1966.67	0.00	438038.58	762388.79		
11600.00	89.86	359.67	9780.69	2067.04	58.27	2066.67	0.00	438138.58	762388.22		
11700.00	89.86	359.67	9780.94	2167.03	57.69	2166.67	0.00	438238.57	762387.64		
11800.00	89.86	359.67	9781.18	2267.03	57.11	2266.67	0.00	438338.57	762387.06		
11900.00	89.86	359.67	9781.43	2367.03	56.53	2366.67	0.00	438438.57	762386.48		
12000.00	89.86	359.67	9781.68	2467.03	55.96	2466.67	0.00	438538.57	762385.91		
12100.00	89.86	359.67	9781.93	2567.03	55.38	2566.66	0.00	438638.57	762385.33		
12200.00	89.86	359.67	9782.17	2667.02	54.80	2666.66	0.00	438738.56	762384.75		
12300.00	89.86	359.67	9782.42	2767.02	54.22	2766.66	0.00	438838.56	762384.17		
12400.00	89.86	359.67	9782.67	2867.02	53.65	2866.66	0.00	438938.56	762383.60		
12500.00	89.86	359.67	9782.91	2967.02	53.07	2966.66	0.00	439038.56	762383.02		
12600.00	89.86	359.67	9783.16	3067.02	52.49	3066.66	0.00	439138.56	762382.44		
12700.00	89.86	359.67	9783.41	3167.01	51.91	3166.66	0.00	439238.55	762381.86		
12800.00	89.86	359.67	9783.65	3267.01	51.33	3266.66	0.00	439338.55	762381.28		
12900.00	89.86	359.67	9783.90	3367.01	50.76	3366.66	0.00	439438.55	762380.71		
13000.00	89.86	359.67	9784.15	3467.01	50.18	3466.66	0.00	439538.55	762380.13		
13100.00	89.86	359.67	9784.40	3567.01	49.60	3566.66	0.00	439638.55	762379.55		
13200.00	89.86	359.67	9784.64	3667.00	49.02	3666.66	0.00	439738.54	762378.97		
13300.00	89.86	359.67	9784.89	3767.00	48.45	3766.66	0.00	439838.54	762378.40		
13400.00	89.86	359.67	9785.14	3867.00	47.87	3866.66	0.00	439938.54	762377.82		
13500.00	89.86	359.67	9785.38	3967.00	47.29	3966.66	0.00	440038.54	762377.24		
13600.00	89.86	359.67	9785.63	4067.00	46.71	4066.66	0.00	440138.54	762376.66		
13700.00	89.86	359.67	9785.88	4166.99	46.14	4166.66	0.00	440238.53	762376.09		

SD 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)	Comment
13800.00	89.86	359.67	9786.12	4266.99	45.56	4266.66	0.00	440338.53	762375.51	
13900.00	89.86	359.67	9786.37	4366.99	44.98	4366.66	0.00	440438.53	762374.93	
14000.00	89.86	359.67	9786.62	4466.99	44.40	4466.66	0.00	440538.53	762374.35	
14100.00	89.86	359.67	9786.87	4566.99	43.83	4566.66	0.00	440638.53	762373.78	
14154.58	89.86	359.67	9787.00	4621.57	43.51	4621.24	0.00	440693.11	762373.46	PBHL 6H

5D Anti-Collision Report

Devon Energy

Field Name: *Lea Co, NM Nad 83 NMEZ*

Site Name: *Bell Lake 19 State 6H*

Well Name: *Bell Lake 19 State 6H*

24 April 2015



Weatherford[®]


Weatherford®

Bell Lake 19 State 6H

Field Name Lea Co. NM Nad 83 NMEZ	Map Units : US ft		Company Name : Devon Energy	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : NAD83 / New Mexico East (ftUS)			
	Comment :			
Site Name Bell Lake 19 State 6H	Units : US ft	North Reference : Grid	Convergence Angle : 0.38	
	Position	Northing : 436071.54 US ft	Latitude : 32° 11' 48.55"	
		Easting : 762329.95 US ft	Longitude : -103° 37' 8.06"	
	Elevation above Mean Sea Level:3542.00 US ft			
Comment :				
Slot Name Bell Lake 19 State 6H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 US ft	Northing :436071.54 US ft	Latitude : 32°11'48.55"	
	+E / -W : 0.00 US ft	Easting :762329.95 US ft	Longitude : -103°37'8.06"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3542.00 US ft				
Comment :				
Well Name Bell Lake 19 State 6H	Type : Main well	UWI :	Plan : Working Plan	
	Rig Height <i>Kelly Bushing</i> : 25.00 US ft	Comment :		
	Relative to Mean Sea Level: 3567.00 US ft			
	Closure Distance : 4621.77 US ft		Closure Azimuth : 0.539398°	
Vertical Section (Position of Origin Relative to Slot)				
+N / -S : 0.00 US ft		+E / -W : 0.00 US ft	Az :359.67°	
Magnetic Parameters				
Model : BGGM	Field Strength :	Dec : 7.30°	Dip : 60.05°	Date :
48173.6nT		15/May/2015		

Collision / Uncertainty Analysis

Primary Well	Start MD (US ft)	End MD (US ft)	Collision Risk Interval	No. of Std Deviations in Error Computation
Bell Lake 19 State 6H (p)	0.00	14154.58	100.00	2

Secondary Well Names

Bell Lake 19 State 1H Pilot (s)
Bell Lake 19 State 1H Lateral (s)

Anti-Collision Report Terminology

S.Minor, S.Major : Radii of the ellipse of uncertainty at the current location as seen in the along hole direction.

PHI : Angle between high-side vector and semi-minor axis

TVD Spread : Total TVD range of the ellipsoid of uncertainty at the current location

ES : Distance between the extremities of the primary and secondary uncertainty ellipsoids in the direction Cr-Cr

T.Face to Sec : Angle between the Hi-Side vector of the primary well at the current location and line of closest approach between the two wells

Separation factors calculated using Pedal Curve (Independent Uncertainty). Well path created using minimum curvature.

5D Anti-Collision Report

Anti-Collision Proximity Summary (TVD relative to Kelly Bushing)

Secondary Well Name	Pr MD (US ft)	Sec MD (US ft)	TVD (US ft)	CC (US ft)	ES (US ft)	SF	Risk
Bell Lake 19 State 1H Pilot (s)	9300.00	9303.92	9299.36	435.02	391.35	9.96	
Bell Lake 19 State 1H Lateral (s)	14154.58	15693.11	9787.00	1303.76	1220.27	15.62	

Primary Well : Bell Lake 19 State 6H (p) (TVD Relative to Kelly Bushing - All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	CC (US ft)	ES (US ft)	SF	Risk
0.00	0.00	107.02	0.00	0.00	Bell Lake 19 State 1H Pilot (s)	434.63	434.06	767.03	
100.00	100.00	106.98	0.11	0.11	Bell Lake 19 State 1H Pilot (s)	434.34	433.52	530.91	
200.00	200.00	106.92	0.34	0.34	Bell Lake 19 State 1H Pilot (s)	433.73	432.46	342.18	
300.00	300.00	106.93	0.56	0.56	Bell Lake 19 State 1H Pilot (s)	433.41	431.73	257.85	
400.00	400.00	106.98	0.79	0.79	Bell Lake 19 State 1H Pilot (s)	433.32	431.24	208.21	
500.00	500.00	107.06	1.01	1.01	Bell Lake 19 State 1H Pilot (s)	433.36	430.86	173.55	
600.00	600.00	107.17	1.24	1.24	Bell Lake 19 State 1H Pilot (s)	433.48	430.54	147.74	
700.00	700.00	107.32	1.46	1.46	Bell Lake 19 State 1H Pilot (s)	433.63	430.25	127.97	
800.00	800.00	107.45	1.69	1.69	Bell Lake 19 State 1H Pilot (s)	433.81	429.95	112.38	
900.00	900.00	107.53	1.91	1.91	Bell Lake 19 State 1H Pilot (s)	433.65	429.31	99.99	
1000.00	1000.00	107.61	2.14	2.14	Bell Lake 19 State 1H Pilot (s)	433.27	428.45	89.83	
1100.00	1100.00	107.68	2.36	2.36	Bell Lake 19 State 1H Pilot (s)	432.91	427.60	81.54	
1200.00	1200.00	107.75	2.59	2.59	Bell Lake 19 State 1H Pilot (s)	432.46	426.67	74.69	
1300.00	1300.00	107.83	2.81	2.81	Bell Lake 19 State 1H Pilot (s)	431.87	425.60	68.90	
1400.00	1400.00	107.97	3.03	3.03	Bell Lake 19 State 1H Pilot (s)	431.10	424.35	63.87	
1500.00	1500.00	108.14	3.26	3.26	Bell Lake 19 State 1H Pilot (s)	430.32	423.08	59.43	
1600.00	1600.00	108.31	3.48	3.48	Bell Lake 19 State 1H Pilot (s)	429.58	421.85	55.57	
1700.00	1700.00	108.50	3.71	3.71	Bell Lake 19 State 1H Pilot (s)	428.80	420.58	52.15	
1800.00	1800.00	108.72	3.93	3.93	Bell Lake 19 State 1H Pilot (s)	427.91	419.20	49.13	
1900.00	1900.00	108.94	4.16	4.16	Bell Lake 19 State 1H Pilot (s)	427.14	417.95	46.45	
2000.00	2000.00	109.17	4.38	4.38	Bell Lake 19 State 1H Pilot (s)	426.61	416.94	44.11	
2100.00	2100.00	109.39	4.61	4.61	Bell Lake 19 State 1H Pilot (s)	426.38	416.22	41.98	

5D Anti-Collision Report

Primary Well	Bell Lake 19 State 6H (p)	TVD Relative to Kelly Bushing	Alt Azimuth Relative to GRID (North)						
MD (US ft)	TVD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	Nearest Well	EC (US ft)	ES (US ft)	SF	Risk
2200.00	2200.00	109.64	4.83	4.83	Bell Lake 19 State 1H Pilot (s)	426.12	415.47	40.00	
2300.00	2300.00	109.90	5.06	5.06	Bell Lake 19 State 1H Pilot (s)	425.25	414.10	38.15	
2400.00	2400.00	110.13	5.28	5.28	Bell Lake 19 State 1H Pilot (s)	423.87	412.25	36.45	
2500.00	2500.00	110.34	5.51	5.51	Bell Lake 19 State 1H Pilot (s)	422.79	410.69	34.92	
2600.00	2600.00	110.56	5.73	5.73	Bell Lake 19 State 1H Pilot (s)	421.87	409.28	33.50	
2700.00	2700.00	110.81	5.96	5.96	Bell Lake 19 State 1H Pilot (s)	421.01	407.93	32.18	
2800.00	2800.00	111.09	6.18	6.18	Bell Lake 19 State 1H Pilot (s)	420.20	406.63	30.96	
2900.00	2900.00	111.36	6.41	6.41	Bell Lake 19 State 1H Pilot (s)	419.27	405.21	29.81	
3000.00	3000.00	111.63	6.63	6.63	Bell Lake 19 State 1H Pilot (s)	418.38	403.83	28.74	
3100.00	3100.00	111.87	6.86	6.86	Bell Lake 19 State 1H Pilot (s)	417.62	402.58	27.76	
3200.00	3200.00	112.08	7.08	7.08	Bell Lake 19 State 1H Pilot (s)	417.20	401.67	26.86	
3300.00	3300.00	112.26	7.31	7.31	Bell Lake 19 State 1H Pilot (s)	416.92	400.90	26.03	
3400.00	3400.00	112.45	7.53	7.53	Bell Lake 19 State 1H Pilot (s)	416.60	400.09	25.23	
3500.00	3500.00	112.66	7.76	7.76	Bell Lake 19 State 1H Pilot (s)	416.22	399.22	24.49	
3600.00	3600.00	112.85	7.98	7.98	Bell Lake 19 State 1H Pilot (s)	415.78	398.29	23.77	
3700.00	3700.00	113.03	8.20	8.20	Bell Lake 19 State 1H Pilot (s)	415.34	397.36	23.10	
3800.00	3800.00	113.19	8.43	8.43	Bell Lake 19 State 1H Pilot (s)	414.93	396.46	22.47	
3900.00	3900.00	113.38	8.65	8.65	Bell Lake 19 State 1H Pilot (s)	414.42	395.46	21.86	
4000.00	4000.00	113.55	8.88	8.88	Bell Lake 19 State 1H Pilot (s)	413.81	394.37	21.28	
4100.00	4100.00	113.68	9.10	9.10	Bell Lake 19 State 1H Pilot (s)	412.94	393.02	20.73	
4200.00	4200.00	113.79	9.33	9.33	Bell Lake 19 State 1H Pilot (s)	412.44	392.04	20.22	
4300.00	4300.00	113.91	9.55	9.55	Bell Lake 19 State 1H Pilot (s)	411.87	390.99	19.72	
4400.00	4400.00	114.04	9.78	9.78	Bell Lake 19 State 1H Pilot (s)	411.44	390.07	19.26	
4500.00	4500.00	114.19	10.00	10.00	Bell Lake 19 State 1H Pilot (s)	411.59	389.76	18.86	
4600.00	4600.00	114.34	10.23	10.23	Bell Lake 19 State 1H Pilot (s)	412.10	389.83	18.51	
4700.00	4700.00	114.50	10.45	10.45	Bell Lake 19 State 1H Pilot (s)	413.00	390.32	18.21	

SD Anti-Collision Report

Primary Well: Bell Lake 19 State OH (p) (TVD Relative to Kelly Bushing ; All Azimuth Relative to Grid NORTH)									
MD (US.ft)	TVD (US.ft)	T.Face to Sec (°)	S.Major (US.ft)	S.Minor (US.ft)	Nearest Well	CC (US.ft)	ES (US.ft)	SF	Risk
4800.00	4800.00	114.65	10.68	10.68	Bell Lake 19 State 1H Pilot (s)	414.42	391.38	17.98	
4900.00	4900.00	114.82	10.90	10.90	Bell Lake 19 State 1H Pilot (s)	416.23	392.79	17.75	
5000.00	5000.00	115.00	11.13	11.13	Bell Lake 19 State 1H Pilot (s)	418.23	394.38	17.53	
5100.00	5100.00	115.19	11.35	11.35	Bell Lake 19 State 1H Pilot (s)	420.36	396.11	17.34	
5200.00	5200.00	115.39	11.58	11.58	Bell Lake 19 State 1H Pilot (s)	422.33	397.70	17.14	
5300.00	5300.00	115.55	11.80	11.80	Bell Lake 19 State 1H Pilot (s)	424.30	399.25	16.94	
5400.00	5400.00	115.63	12.03	12.03	Bell Lake 19 State 1H Pilot (s)	426.48	401.05	16.77	
5500.00	5500.00	115.72	12.25	12.25	Bell Lake 19 State 1H Pilot (s)	428.54	402.73	16.60	
5600.00	5600.00	115.92	12.48	12.48	Bell Lake 19 State 1H Pilot (s)	430.20	403.97	16.40	
5700.00	5700.00	116.17	12.70	12.70	Bell Lake 19 State 1H Pilot (s)	431.61	404.95	16.19	
5800.00	5800.00	116.38	12.93	12.93	Bell Lake 19 State 1H Pilot (s)	433.35	406.23	15.98	
5900.00	5900.00	116.55	13.15	13.15	Bell Lake 19 State 1H Pilot (s)	434.81	407.24	15.77	
6000.00	6000.00	116.68	13.37	13.37	Bell Lake 19 State 1H Pilot (s)	436.08	408.05	15.56	
6100.00	6100.00	116.83	13.60	13.60	Bell Lake 19 State 1H Pilot (s)	437.39	408.92	15.36	
6200.00	6200.00	117.01	13.82	13.82	Bell Lake 19 State 1H Pilot (s)	438.75	409.83	15.17	
6300.00	6300.00	117.16	14.05	14.05	Bell Lake 19 State 1H Pilot (s)	439.89	410.51	14.98	
6400.00	6400.00	117.31	14.27	14.27	Bell Lake 19 State 1H Pilot (s)	440.80	410.97	14.78	
6500.00	6500.00	117.46	14.50	14.50	Bell Lake 19 State 1H Pilot (s)	441.75	411.46	14.59	
6600.00	6600.00	117.64	14.72	14.72	Bell Lake 19 State 1H Pilot (s)	442.65	411.90	14.40	
6700.00	6700.00	117.86	14.95	14.95	Bell Lake 19 State 1H Pilot (s)	443.06	411.82	14.18	
6800.00	6800.00	118.03	15.17	15.17	Bell Lake 19 State 1H Pilot (s)	443.28	411.56	13.98	
6900.00	6900.00	118.18	15.40	15.40	Bell Lake 19 State 1H Pilot (s)	443.85	411.66	13.79	
7000.00	7000.00	118.37	15.62	15.62	Bell Lake 19 State 1H Pilot (s)	444.20	411.52	13.59	
7100.00	7100.00	118.57	15.85	15.85	Bell Lake 19 State 1H Pilot (s)	444.13	410.96	13.39	
7200.00	7200.00	118.78	16.07	16.07	Bell Lake 19 State 1H Pilot (s)	444.69	411.05	13.22	
7300.00	7300.00	119.07	16.30	16.30	Bell Lake 19 State 1H Pilot (s)	445.02	410.89	13.04	

SD Anti-Collision Report

Primary Well: Bell Lake 19 State GH (p) (TVD Relative to Kelly Bushing; All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	Nearest Well	CC (US ft)	ES (US ft)	SF	Risk
7400.00	7400.00	119.32	16.52	16.52	Bell Lake 19 State 1H Pilot (s)	444.35	409.73	12.83	
7500.00	7500.00	119.56	16.75	16.75	Bell Lake 19 State 1H Pilot (s)	443.07	407.97	12.62	
7600.00	7600.00	119.80	16.97	16.97	Bell Lake 19 State 1H Pilot (s)	441.92	406.34	12.42	
7700.00	7700.00	120.07	17.20	17.20	Bell Lake 19 State 1H Pilot (s)	441.63	405.58	12.25	
7800.00	7800.00	120.35	17.42	17.42	Bell Lake 19 State 1H Pilot (s)	442.12	405.59	12.10	
7900.00	7900.00	120.63	17.65	17.65	Bell Lake 19 State 1H Pilot (s)	442.57	405.55	11.96	
8000.00	8000.00	120.91	17.87	17.87	Bell Lake 19 State 1H Pilot (s)	442.48	404.97	11.80	
8100.00	8100.00	121.17	18.10	18.10	Bell Lake 19 State 1H Pilot (s)	441.69	403.70	11.63	
8200.00	8200.00	121.43	18.32	18.32	Bell Lake 19 State 1H Pilot (s)	441.04	402.57	11.47	
8300.00	8300.00	121.72	18.54	18.54	Bell Lake 19 State 1H Pilot (s)	440.70	401.75	11.31	
8400.00	8400.00	122.01	18.77	18.77	Bell Lake 19 State 1H Pilot (s)	440.11	400.67	11.16	
8500.00	8500.00	122.28	18.99	18.99	Bell Lake 19 State 1H Pilot (s)	439.62	399.71	11.02	
8600.00	8600.00	122.56	19.22	19.22	Bell Lake 19 State 1H Pilot (s)	439.74	399.35	10.89	
8700.00	8700.00	122.86	19.44	19.44	Bell Lake 19 State 1H Pilot (s)	439.82	398.94	10.76	
8800.00	8800.00	123.18	19.67	19.67	Bell Lake 19 State 1H Pilot (s)	439.46	398.10	10.63	
8900.00	8900.00	123.47	19.89	19.89	Bell Lake 19 State 1H Pilot (s)	438.22	396.40	10.48	
9000.00	9000.00	123.74	20.12	20.12	Bell Lake 19 State 1H Pilot (s)	436.69	394.41	10.33	
9100.00	9100.00	124.05	20.34	20.34	Bell Lake 19 State 1H Pilot (s)	435.62	392.89	10.20	
9200.00	9200.00	101.15	20.57	20.57	Bell Lake 19 State 1H Pilot (s)	434.31	391.15	10.06	
9300.00	9299.36	102.63	20.78	20.54	Bell Lake 19 State 1H Pilot (s)	435.02	391.35	9.96	
9400.00	9395.45	106.66	20.99	20.17	Bell Lake 19 State 1H Pilot (s)	440.58	396.52	10.00	
9500.00	9485.68	117.73	21.21	19.59	Bell Lake 19 State 1H Pilot (s)	456.94	412.45	10.27	
9600.00	9567.53	124.51	21.43	18.70	Bell Lake 19 State 1H Pilot (s)	489.02	444.16	10.90	
9700.00	9638.51	128.32	21.76	17.61	Bell Lake 19 State 1H Pilot (s)	537.60	492.38	11.89	
9800.00	9696.48	129.12	22.13	16.50	Bell Lake 19 State 1H Pilot (s)	601.75	556.15	13.20	
9900.00	9739.67	125.97	22.59	15.53	Bell Lake 19 State 1H Pilot (s)	679.01	633.22	14.83	

SD Anti-Collision Report

Primary Well : Bell Lake 19 State 6H (p) (TVD Relative to Kelly Vaushing) All Azimuth Relative to GRID NORTH									
MD (US ft)	TVD (US ft)	T Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	GC (US ft)	ES (US ft)	SF	Risk
10000.00	9766.76	116.29	23.16	14.83	Bell Lake 19 State 1H Pilot (s)	766.03	720.05	16.66	
10100.00	9776.94	94.76	23.83	14.62	Bell Lake 19 State 1H Pilot (s)	859.13	813.02	18.63	
10200.00	9777.23	92.42	24.59	14.80	Bell Lake 19 State 1H Pilot (s)	954.64	908.51	20.70	
10300.00	9777.48	92.35	25.46	15.02	Bell Lake 19 State 1H Pilot (s)	1050.99	1004.78	22.75	
10400.00	9777.73	92.28	26.47	15.27	Bell Lake 19 State 1H Pilot (s)	1147.96	1101.70	24.82	
10500.00	9777.97	92.21	27.56	15.55	Bell Lake 19 State 1H Pilot (s)	1245.41	1199.13	26.91	
10600.00	9778.22	92.15	28.72	15.86	Bell Lake 19 State 1H Pilot (s)	1343.23	1296.94	29.02	
10700.00	9778.47	92.08	29.95	16.20	Bell Lake 19 State 1H Pilot (s)	1441.35	1395.03	31.12	
10800.00	9778.71	92.02	31.23	16.56	Bell Lake 19 State 1H Pilot (s)	1539.72	1493.35	33.20	
10900.00	9778.96	168.87	32.56	16.94	Bell Lake 19 State 1H Lateral (s)	1308.43	1268.72	32.95	
11000.00	9779.21	168.89	33.95	17.35	Bell Lake 19 State 1H Lateral (s)	1308.90	1268.30	32.24	
11100.00	9779.46	168.90	35.37	17.78	Bell Lake 19 State 1H Lateral (s)	1308.58	1266.82	31.33	
11200.00	9779.70	168.85	36.82	18.23	Bell Lake 19 State 1H Lateral (s)	1305.68	1262.75	30.41	
11300.00	9779.95	168.62	38.31	18.69	Bell Lake 19 State 1H Lateral (s)	1300.51	1256.28	29.40	
11400.00	9780.20	168.31	39.83	19.18	Bell Lake 19 State 1H Lateral (s)	1294.19	1248.78	28.50	
11500.00	9780.44	167.97	41.37	19.67	Bell Lake 19 State 1H Lateral (s)	1289.64	1243.19	27.76	
11600.00	9780.69	167.66	42.93	20.18	Bell Lake 19 State 1H Lateral (s)	1287.80	1240.35	27.14	
11700.00	9780.94	167.21	44.51	20.69	Bell Lake 19 State 1H Lateral (s)	1288.00	1239.13	26.35	
11800.00	9781.18	166.94	46.12	21.18	Bell Lake 19 State 1H Lateral (s)	1287.61	1237.45	25.67	
11900.00	9781.43	166.71	47.73	21.77	Bell Lake 19 State 1H Lateral (s)	1288.17	1236.65	25.00	
12000.00	9781.68	166.57	49.37	22.35	Bell Lake 19 State 1H Lateral (s)	1289.39	1236.61	24.43	
12100.00	9781.93	166.58	51.01	22.91	Bell Lake 19 State 1H Lateral (s)	1292.14	1238.28	23.99	
12200.00	9782.17	166.70	52.67	23.43	Bell Lake 19 State 1H Lateral (s)	1296.37	1241.46	23.61	
12300.00	9782.42	166.88	54.34	24.05	Bell Lake 19 State 1H Lateral (s)	1301.56	1245.47	23.20	
12400.00	9782.67	167.05	56.02	24.66	Bell Lake 19 State 1H Lateral (s)	1307.67	1250.48	22.87	
12500.00	9782.91	167.29	57.71	25.27	Bell Lake 19 State 1H Lateral (s)	1313.07	1254.26	22.33	

5D Anti-Collision Report

Primary Well : Bell Lake 19 State 1H (s) (TVD Relative to Kelly Bushing ; All Azimuth Relative to GRID NORTH)									
MD (US ft)	TVD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	Nearest Well	CC (US ft)	ES (US ft)	SF	Risk
12600.00	9783.16	167.36	59.40	25.89	Bell Lake 19 State 1H Lateral (s)	1314.80	1254.63	21.85	
12700.00	9783.41	167.34	61.11	26.51	Bell Lake 19 State 1H Lateral (s)	1315.43	1253.63	21.29	
12800.00	9783.65	167.30	62.82	27.13	Bell Lake 19 State 1H Lateral (s)	1315.44	1252.22	20.81	
12900.00	9783.90	167.26	64.53	27.76	Bell Lake 19 State 1H Lateral (s)	1312.87	1247.93	20.22	
13000.00	9784.15	167.27	66.26	28.39	Bell Lake 19 State 1H Lateral (s)	1310.31	1244.04	19.77	
13100.00	9784.40	167.28	67.99	29.03	Bell Lake 19 State 1H Lateral (s)	1308.48	1240.85	19.35	
13200.00	9784.64	167.27	69.72	29.67	Bell Lake 19 State 1H Lateral (s)	1307.07	1238.08	18.94	
13300.00	9784.89	167.26	71.46	30.32	Bell Lake 19 State 1H Lateral (s)	1306.39	1236.06	18.57	
13400.00	9785.14	167.25	73.20	30.97	Bell Lake 19 State 1H Lateral (s)	1306.86	1235.18	18.23	
13500.00	9785.38	167.22	74.95	31.62	Bell Lake 19 State 1H Lateral (s)	1308.20	1235.12	17.90	
13600.00	9785.63	167.19	76.70	32.28	Bell Lake 19 State 1H Lateral (s)	1309.96	1235.27	17.54	
13700.00	9785.88	167.10	78.45	32.94	Bell Lake 19 State 1H Lateral (s)	1308.96	1232.61	17.14	
13800.00	9786.12	167.00	80.21	33.60	Bell Lake 19 State 1H Lateral (s)	1307.63	1229.64	16.77	
13900.00	9786.37	166.89	81.97	34.27	Bell Lake 19 State 1H Lateral (s)	1306.18	1226.57	16.41	
14000.00	9786.62	166.85	83.73	34.93	Bell Lake 19 State 1H Lateral (s)	1305.18	1224.11	16.10	
14100.00	9786.87	166.84	85.50	35.61	Bell Lake 19 State 1H Lateral (s)	1304.39	1221.73	15.78	
14154.58	9787.00	166.84	86.46	35.97	Bell Lake 19 State 1H Lateral (s)	1303.76	1220.27	15.62	

Secondary Well : Bell Lake 19 State 1H Pilot (s) (TVD Relative to Kelly Bushing (Primary) ; All Azimuth Relative to GRID NORTH)									
PH MD (US ft)	TVD (US ft)	Sec MD (US ft)	T.Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
0.00	2.60	0.00	107.02	0.00	0.00	434.63	434.06	767.03	
100.00	102.56	99.96	106.98	0.14	0.14	434.34	433.52	530.91	
200.00	202.24	199.65	106.92	0.37	0.37	433.73	432.46	342.18	
300.00	300.46	297.86	106.93	0.56	0.56	433.41	431.73	257.85	
400.00	400.41	397.82	106.98	0.73	0.73	433.32	431.24	208.21	
500.00	499.34	496.75	107.06	0.93	0.93	433.36	430.86	173.55	
600.00	599.54	596.96	107.17	1.14	1.14	433.48	430.54	147.74	
700.00	699.17	696.58	107.32	1.37	1.37	433.63	430.25	127.97	
800.00	799.68	797.11	107.45	1.61	1.61	433.81	429.95	112.38	
900.00	901.38	898.80	107.53	1.87	1.87	433.65	429.31	99.99	
1000.00	1001.67	999.09	107.61	2.13	2.13	433.27	428.45	89.83	
1100.00	1101.70	1099.13	107.68	2.39	2.39	432.91	427.60	81.54	
1200.00	1202.20	1199.64	107.75	2.65	2.64	432.46	426.67	74.69	
1300.00	1303.01	1300.44	107.83	2.90	2.90	431.87	425.60	68.90	
1400.00	1403.37	1400.81	107.97	3.16	3.16	431.10	424.35	63.87	
1500.00	1503.34	1500.80	108.14	3.43	3.43	430.32	423.08	59.43	

SD Anti-Collision Report

Secondary Well : Bell Lake 19 State 1H Pilot (S) (TVD Relative to Kelly Bushing (Primary)) : All Azimuth Relative to GRID NORTH									Risk
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	
1600.00	1603.01	1600.48	108.31	3.69	3.69	429.58	421.85	55.57	
1700.00	1703.93	1701.41	108.50	3.96	3.96	428.80	420.58	52.15	
1800.00	1803.49	1800.99	108.72	4.22	4.22	427.91	419.20	49.13	
1900.00	1903.05	1900.57	108.94	4.48	4.48	427.14	417.95	46.45	
2000.00	2001.47	1999.00	109.17	4.74	4.74	426.61	416.94	44.11	
2100.00	2100.65	2098.19	109.39	5.00	5.00	426.38	416.22	41.98	
2200.00	2201.94	2199.50	109.64	5.26	5.26	426.12	415.47	40.00	
2300.00	2305.15	2302.74	109.90	5.53	5.53	425.25	414.10	38.15	
2400.00	2405.61	2403.21	110.13	5.79	5.79	423.87	412.25	36.45	
2500.00	2504.02	2501.64	110.34	6.05	6.05	422.79	410.69	34.92	
2600.00	2603.77	2601.41	110.56	6.32	6.31	421.87	409.28	33.50	
2700.00	2703.44	2701.11	110.81	6.58	6.58	421.01	407.93	32.18	
2800.00	2803.69	2801.38	111.09	6.85	6.84	420.20	406.63	30.96	
2900.00	2903.83	2901.54	111.36	7.11	7.11	419.27	405.21	29.81	
3000.00	3003.69	3001.42	111.63	7.38	7.37	418.38	403.83	28.74	
3100.00	3102.33	3100.08	111.87	7.64	7.63	417.62	402.58	27.76	
3200.00	3201.40	3199.17	112.08	7.90	7.89	417.20	401.67	26.86	
3300.00	3301.01	3298.79	112.26	8.16	8.16	416.92	400.90	26.03	
3400.00	3401.72	3399.51	112.45	8.43	8.42	416.60	400.09	25.23	
3500.00	3501.39	3499.19	112.66	8.69	8.68	416.22	399.22	24.49	
3600.00	3602.18	3599.99	112.85	8.96	8.95	415.78	398.29	23.77	
3700.00	3701.60	3699.42	113.03	9.22	9.21	415.34	397.36	23.10	
3800.00	3801.86	3799.68	113.19	9.49	9.48	414.93	396.46	22.47	
3900.00	3902.31	3900.15	113.38	9.76	9.75	414.42	395.46	21.86	
4000.00	4003.03	4000.88	113.55	10.02	10.01	413.81	394.37	21.28	
4100.00	4103.10	4100.96	113.68	10.28	10.27	412.94	393.02	20.73	
4200.00	4201.95	4199.81	113.79	10.53	10.52	412.44	392.04	20.22	
4300.00	4302.35	4300.21	113.91	10.80	10.79	411.87	390.99	19.72	
4400.00	4400.60	4398.47	114.04	11.05	11.04	411.44	390.07	19.26	
4500.00	4498.56	4496.43	114.19	11.29	11.28	411.59	389.76	18.86	
4600.00	4597.21	4595.09	114.34	11.51	11.50	412.10	389.83	18.51	
4700.00	4695.17	4693.07	114.50	11.71	11.69	413.00	390.32	18.21	
4800.00	4793.11	4791.01	114.65	11.88	11.87	414.42	391.38	17.98	
4900.00	4892.10	4890.04	114.82	12.04	12.03	416.23	392.79	17.75	
5000.00	4991.20	4989.16	115.00	12.21	12.20	418.23	394.38	17.53	
5100.00	5091.08	5089.07	115.19	12.38	12.37	420.36	396.11	17.34	
5200.00	5192.42	5190.44	115.39	12.57	12.56	422.33	397.70	17.14	
5300.00	5290.95	5289.00	115.55	12.74	12.73	424.30	399.25	16.94	
5400.00	5390.61	5388.68	115.63	12.88	12.87	426.48	401.05	16.77	
5500.00	5491.86	5489.96	115.72	13.04	13.03	428.54	402.73	16.60	
5600.00	5593.66	5591.78	115.92	13.25	13.23	430.20	403.97	16.40	
5700.00	5693.49	5691.64	116.17	13.47	13.46	431.61	404.95	16.19	
5800.00	5792.60	5790.79	116.38	13.69	13.67	433.35	406.23	15.98	
5900.00	5894.27	5892.47	116.55	13.90	13.89	434.81	407.24	15.77	
6000.00	5994.47	5992.68	116.68	14.12	14.10	436.08	408.05	15.56	
6100.00	6094.01	6092.24	116.83	14.33	14.32	437.39	408.92	15.36	
6200.00	6194.42	6192.67	117.01	14.56	14.54	438.75	409.83	15.17	
6300.00	6295.71	6293.97	117.16	14.79	14.77	439.89	410.51	14.98	
6400.00	6395.89	6394.16	117.31	15.03	15.01	440.80	410.97	14.78	
6500.00	6495.84	6494.12	117.46	15.27	15.25	441.75	411.46	14.59	
6600.00	6596.24	6594.54	117.64	15.51	15.50	442.65	411.90	14.40	
6700.00	6700.23	6698.55	117.86	15.78	15.76	443.06	411.82	14.18	
6800.00	6797.89	6796.21	118.03	16.04	16.02	443.28	411.56	13.98	
6900.00	6897.35	6895.68	118.18	16.29	16.27	443.85	411.66	13.79	
7000.00	6999.54	6997.88	118.37	16.56	16.54	444.20	411.52	13.59	
7100.00	7099.68	7098.03	118.57	16.82	16.80	444.13	410.96	13.39	
7200.00	7196.97	7195.34	118.78	17.07	17.05	444.69	411.05	13.22	
7300.00	7300.63	7299.03	119.07	17.34	17.32	445.02	410.89	13.04	

SD Anti-Collision Report

Secondary Well : Bell Lake 19 State 1A Pilot (a) (TVD Relative to Kelly Bushing (Primary) ; All Azimuth Relative to GRID NORTH)								
RH MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF
7400.00	7404.71	7403.13	119.32	17.60	17.58	444.35	409.73	12.83
7500.00	7505.91	7504.35	119.56	17.83	17.81	443.07	407.97	12.62
7600.00	7603.35	7601.82	119.80	18.06	18.04	441.92	406.34	12.42
7700.00	7699.08	7697.56	120.07	18.31	18.29	441.63	405.58	12.25
7800.00	7797.64	7796.15	120.35	18.57	18.54	442.12	405.59	12.10
7900.00	7898.66	7897.20	120.63	18.84	18.81	442.57	405.55	11.96
8000.00	8002.65	8001.21	120.91	19.10	19.08	442.48	404.97	11.80
8100.00	8103.98	8102.56	121.17	19.36	19.33	441.69	403.70	11.63
8200.00	8201.66	8200.27	121.43	19.60	19.58	441.04	402.57	11.47
8300.00	8301.47	8300.10	121.72	19.86	19.83	440.70	401.75	11.31
8400.00	8403.22	8401.87	122.01	20.12	20.09	440.11	400.67	11.16
8500.00	8500.92	8499.60	122.28	20.37	20.34	439.62	399.71	11.02
8600.00	8598.80	8597.51	122.56	20.63	20.60	439.74	399.35	10.89
8700.00	8700.53	8699.26	122.86	20.90	20.87	439.82	398.94	10.76
8800.00	8803.36	8802.12	123.18	21.16	21.13	439.46	398.10	10.63
8900.00	8906.67	8905.47	123.47	21.41	21.38	438.22	396.40	10.48
9000.00	9005.52	9004.34	123.74	21.64	21.60	436.69	394.41	10.33
9100.00	9105.06	9103.92	124.05	21.88	21.84	435.62	392.89	10.20
9200.00	9206.16	9205.05	101.15	22.12	22.08	434.31	391.15	10.06
9300.00	9305.00	9303.92	102.63	22.35	22.31	435.02	391.35	9.96
9400.00	9402.44	9401.40	106.66	22.57	22.53	440.58	396.52	10.00
9500.00	9494.66	9493.66	117.73	22.76	22.73	456.94	412.45	10.27
9600.00	9578.32	9577.35	124.51	22.93	22.90	489.02	444.16	10.90
9700.00	9650.24	9649.32	128.32	23.07	23.04	537.60	492.38	11.89
9800.00	9708.19	9707.33	129.12	23.18	23.15	601.75	556.15	13.20
9900.00	9750.82	9750.01	125.97	23.27	23.24	679.01	633.22	14.83
10000.00	9777.11	9776.33	116.29	23.32	23.29	766.03	720.05	16.66
10100.00	9786.55	9785.78	94.76	23.34	23.31	859.13	813.02	18.63
10200.00	9786.28	9785.51	92.42	23.34	23.31	954.64	908.51	20.70
10300.00	9785.96	9785.19	92.35	23.34	23.31	1050.99	1004.78	22.75
10400.00	9785.65	9784.88	92.28	23.34	23.31	1147.96	1101.70	24.82
10500.00	9785.34	9784.57	92.21	23.34	23.31	1245.41	1199.13	26.91
10600.00	9785.03	9784.26	92.15	23.34	23.31	1343.23	1296.94	29.02
10700.00	9784.72	9783.95	92.08	23.34	23.31	1441.35	1395.03	31.12
10800.00	9784.42	9783.65	92.02	23.34	23.31	1539.72	1493.35	33.20
10900.00	9784.12	9783.35	91.96	23.34	23.31	1638.28	1591.86	35.29
11000.00	9783.83	9783.06	91.89	23.33	23.30	1737.01	1690.55	37.39
11100.00	9783.54	9782.76	91.83	23.33	23.30	1835.87	1789.38	39.49
11200.00	9783.25	9782.47	91.77	23.33	23.30	1934.85	1888.33	41.59
11300.00	9782.96	9782.19	91.71	23.33	23.30	2033.94	1987.38	43.69
11400.00	9782.68	9781.90	91.65	23.33	23.30	2133.10	2086.52	45.79
11500.00	9782.40	9781.62	91.59	23.33	23.30	2232.34	2185.73	47.89
11600.00	9782.12	9781.34	91.53	23.33	23.30	2331.65	2285.01	49.99
11700.00	9781.84	9781.07	91.47	23.33	23.30	2431.01	2384.35	52.10
11800.00	9781.57	9780.79	91.41	23.33	23.30	2530.42	2483.78	54.25
11900.00	9781.30	9780.52	91.35	23.33	23.30	2629.88	2583.15	56.28
12000.00	9781.03	9780.25	91.29	23.33	23.30	2729.38	2682.60	58.34
12100.00	9780.76	9779.99	91.24	23.33	23.30	2828.91	2782.09	60.42
12200.00	9780.50	9779.72	91.18	23.33	23.30	2928.48	2881.63	62.52
12300.00	9780.24	9779.46	91.13	23.33	23.30	3028.07	2981.20	64.61
12400.00	9779.98	9779.21	91.07	23.33	23.30	3127.69	3080.79	66.69
12500.00	9779.73	9778.95	91.02	23.33	23.30	3227.33	3180.40	68.76
12600.00	9779.47	9778.70	90.96	23.33	23.30	3326.99	3280.03	70.84
12700.00	9779.22	9778.44	90.91	23.32	23.30	3426.68	3379.68	72.91
12800.00	9778.97	9778.20	90.85	23.32	23.30	3526.38	3479.34	74.97
12900.00	9778.73	9777.95	90.80	23.32	23.29	3626.10	3579.03	77.03
13000.00	9778.48	9777.70	90.75	23.32	23.29	3725.83	3678.72	79.09
13100.00	9778.24	9777.46	90.70	23.32	23.29	3825.58	3778.43	81.15

5D Anti-Collision Report

Secondary Well : Bell Lake 19 State 1H Pilot (s) (TVD Relative to Kelly Busting (Primary)) / All Azimuth Relative to GRID NORTH									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
13200.00	9778.00	9777.22	90.65	23.32	23.29	3925.34	3878.15	83.19	
13300.00	9777.77	9776.98	90.60	23.32	23.29	4025.11	3977.89	85.24	
13400.00	9777.53	9776.75	90.55	23.32	23.29	4124.89	4077.63	87.28	
13500.00	9777.30	9776.51	90.50	23.32	23.29	4224.68	4177.38	89.31	
13600.00	9777.06	9776.28	90.45	23.32	23.29	4324.49	4277.14	91.34	
13700.00	9776.84	9776.05	90.40	23.32	23.29	4424.30	4376.91	93.37	
13800.00	9776.61	9775.83	90.35	23.32	23.29	4524.12	4476.69	95.39	
13900.00	9776.38	9775.60	90.30	23.32	23.29	4623.94	4576.47	97.40	
14000.00	9776.16	9775.38	90.25	23.32	23.29	4723.78	4676.26	99.41	
14100.00	9775.94	9775.15	90.21	23.32	23.29	4823.62	4776.06	101.42	
14154.58	9775.82	9775.03	90.18	23.32	23.29	4878.12	4830.53	102.51	

Secondary Well : Bell Lake 19 State 1H Lateral (s) (TVD Relative to Kelly Busting (Primary)) / All Azimuth Relative to GRID NORTH									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S.Major (US ft)	S.Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
0.00	10456.10	10456.00	128.89	24.78	24.72	10463.72	10457.55	1696.88	
100.00	10456.10	10456.00	128.89	24.78	24.72	10363.79	10355.33	1224.46	
200.00	10456.10	10456.00	128.89	24.78	24.72	10263.86	10255.39	1211.06	
300.00	10456.10	10456.00	128.89	24.78	24.72	10163.94	10155.45	1196.80	
400.00	10456.10	10456.00	128.89	24.78	24.72	10064.02	10055.50	1181.79	
500.00	10456.10	10456.00	128.89	24.78	24.72	9964.10	9955.55	1166.09	
600.00	10456.10	10456.00	128.89	24.78	24.72	9864.18	9855.60	1149.78	
700.00	10456.10	10456.00	128.89	24.78	24.72	9764.26	9755.64	1132.97	
800.00	10456.10	10456.00	128.89	24.78	24.72	9664.35	9655.68	1115.72	
900.00	10456.10	10456.00	128.89	24.78	24.72	9564.43	9555.72	1098.10	
1000.00	10456.10	10456.00	128.89	24.78	24.72	9464.52	9455.76	1080.20	
1100.00	10456.10	10456.00	128.89	24.78	24.72	9364.61	9355.79	1062.08	
1200.00	10456.10	10456.00	128.89	24.78	24.72	9264.70	9255.83	1043.80	
1300.00	10456.10	10456.00	128.89	24.78	24.72	9164.80	9155.86	1025.41	
1400.00	10456.10	10456.00	128.89	24.78	24.72	9064.89	9055.89	1006.96	
1500.00	10456.10	10456.00	128.89	24.78	24.72	8964.99	8955.92	988.49	
1600.00	10456.10	10456.00	128.89	24.78	24.72	8865.09	8855.95	970.05	
1700.00	10456.10	10456.00	128.89	24.78	24.72	8765.19	8755.98	951.65	
1800.00	10456.10	10456.00	128.89	24.78	24.72	8665.30	8656.01	933.34	
1900.00	10456.10	10456.00	128.89	24.78	24.72	8565.40	8556.04	915.13	
2000.00	10456.10	10456.00	128.89	24.78	24.72	8465.51	8456.08	897.04	
2100.00	10456.10	10456.00	128.89	24.78	24.72	8365.63	8356.11	879.09	
2200.00	10456.10	10456.00	128.89	24.78	24.72	8265.74	8256.14	861.30	
2300.00	10456.10	10456.00	128.89	24.78	24.72	8165.86	8156.18	843.67	
2400.00	10456.10	10456.00	128.89	24.78	24.72	8065.98	8056.22	826.21	
2500.00	10456.10	10456.00	128.89	24.78	24.72	7966.10	7956.26	808.94	
2600.00	10456.10	10456.00	128.89	24.78	24.72	7866.23	7856.30	791.85	
2700.00	10456.10	10456.00	128.89	24.78	24.72	7766.36	7756.34	774.96	
2800.00	10456.10	10456.00	128.89	24.78	24.72	7666.50	7656.39	758.26	
2900.00	10456.10	10456.00	128.89	24.78	24.72	7566.63	7556.43	741.76	
3000.00	10456.10	10456.00	128.89	24.78	24.72	7466.77	7456.48	725.46	
3100.00	10456.10	10456.00	128.89	24.78	24.72	7366.92	7356.53	709.27	
3200.00	10456.10	10456.00	128.89	24.78	24.72	7267.07	7256.59	693.25	
3300.00	10456.10	10456.00	128.89	24.78	24.72	7167.22	7156.64	677.43	
3400.00	10456.10	10456.00	128.89	24.78	24.72	7067.38	7056.70	661.82	
3500.00	10456.10	10456.00	128.89	24.78	24.72	6967.54	6956.76	646.34	
3600.00	10456.10	10456.00	128.89	24.78	24.72	6867.71	6856.82	630.93	
3700.00	10456.10	10456.00	128.89	24.78	24.72	6767.88	6756.89	615.73	
3800.00	10456.10	10456.00	128.89	24.78	24.72	6668.05	6656.95	600.74	
3900.00	10456.10	10456.00	128.89	24.78	24.72	6568.24	6557.03	585.95	
4000.00	10456.10	10456.00	128.89	24.78	24.72	6468.42	6457.10	571.36	
4100.00	10456.10	10456.00	128.89	24.78	24.72	6368.62	6357.18	556.97	
4200.00	10456.10	10456.00	128.89	24.78	24.72	6268.82	6257.27	542.78	
4300.00	10456.10	10456.00	128.89	24.78	24.72	6169.02	6157.36	528.79	

5D Anti-Collision Report

Secondary Well - Bell Lake 19 State 1H Lateral (s) (TWD Relative to Kelly Bushing (Primary)) - Alt Azimuth Relative to GRID NORTH								
Pri MD (US ft)	TWD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF
4400.00	10456.10	10456.00	128.89	24.78	24.72	6069.24	6057.45	515.00
4500.00	10456.10	10456.00	128.89	24.78	24.72	5969.46	5957.55	501.39
4600.00	10456.10	10456.00	128.89	24.78	24.72	5869.68	5857.65	487.98
4700.00	10456.10	10456.00	128.89	24.78	24.72	5769.92	5757.77	474.77
4800.00	10456.10	10456.00	128.89	24.78	24.72	5670.16	5657.88	461.74
4900.00	10456.10	10456.00	128.89	24.78	24.72	5570.41	5558.01	448.90
5000.00	10456.10	10456.00	128.89	24.78	24.72	5470.68	5458.14	436.24
5100.00	10456.10	10456.00	128.89	24.78	24.72	5370.95	5358.27	423.77
5200.00	10456.10	10456.00	128.89	24.78	24.72	5271.23	5258.42	411.49
5300.00	10456.10	10456.00	128.89	24.78	24.72	5171.52	5158.57	399.39
5400.00	10456.10	10456.00	128.89	24.78	24.72	5071.83	5058.74	387.48
5500.00	10456.10	10456.00	128.89	24.78	24.72	4972.14	4958.91	375.74
5600.00	10456.10	10456.00	128.89	24.78	24.72	4872.47	4859.09	364.19
5700.00	10456.10	10456.00	128.89	24.78	24.72	4772.81	4759.29	352.81
5800.00	10456.10	10456.00	128.89	24.78	24.72	4673.17	4659.49	341.62
5900.00	10456.10	10456.00	128.89	24.78	24.72	4573.54	4559.71	330.60
6000.00	10456.10	10456.00	128.89	24.78	24.72	4473.93	4459.94	319.76
6100.00	10456.10	10456.00	128.89	24.78	24.72	4374.34	4360.19	309.10
6200.00	10456.10	10456.00	128.89	24.78	24.72	4274.77	4260.45	298.61
6300.00	10456.10	10456.00	128.89	24.78	24.72	4175.22	4160.73	288.29
6400.00	10456.10	10456.00	128.89	24.78	24.72	4075.68	4061.03	278.15
6500.00	10456.10	10456.00	128.89	24.78	24.72	3976.18	3961.35	268.18
6600.00	10456.10	10456.00	128.89	24.78	24.72	3876.69	3861.69	258.34
6700.00	10456.10	10456.00	128.89	24.78	24.72	3777.24	3762.04	248.55
6800.00	10456.10	10456.00	128.89	24.78	24.72	3677.81	3662.42	238.93
6900.00	10456.10	10456.00	128.89	24.78	24.72	3578.42	3562.83	229.48
7000.00	10456.10	10456.00	128.89	24.78	24.72	3479.06	3463.26	220.20
7100.00	10456.10	10456.00	128.89	24.78	24.72	3379.74	3363.73	211.10
7200.00	10456.10	10456.00	128.89	24.78	24.72	3280.46	3264.24	202.17
7300.00	10456.10	10456.00	128.89	24.78	24.72	3181.23	3164.78	193.42
7400.00	10456.10	10456.00	128.89	24.78	24.72	3082.04	3065.37	184.84
7500.00	10456.10	10456.00	128.89	24.78	24.72	2982.91	2966.01	176.43
7600.00	10456.10	10456.00	128.89	24.78	24.72	2883.84	2866.70	168.19
7700.00	10456.10	10456.00	128.89	24.78	24.72	2784.84	2767.45	160.12
7800.00	10456.10	10456.00	128.89	24.78	24.72	2685.91	2668.26	152.21
7900.00	10456.10	10456.00	128.89	24.78	24.72	2587.06	2569.15	144.45
8000.00	10456.10	10456.00	128.89	24.78	24.72	2488.31	2470.10	136.68
8100.00	10456.10	10456.00	128.89	24.78	24.72	2389.65	2371.13	129.00
8200.00	10456.10	10456.00	128.89	24.78	24.72	2291.12	2272.26	121.50
8300.00	10456.10	10456.00	128.89	24.78	24.72	2192.72	2173.51	114.18
8400.00	10456.10	10456.00	128.89	24.78	24.72	2094.46	2074.90	107.03
8500.00	10456.10	10456.00	128.89	24.78	24.72	1996.39	1976.44	100.07
8600.00	10456.10	10456.00	128.89	24.78	24.72	1898.51	1878.16	93.29
8700.00	10456.10	10456.00	128.89	24.78	24.72	1800.87	1780.08	86.62
8800.00	10456.10	10456.00	128.89	24.78	24.72	1703.50	1682.22	80.05
8900.00	10456.10	10456.00	128.89	24.78	24.72	1606.45	1584.65	73.68
9000.00	10456.10	10456.00	128.89	24.78	24.72	1509.79	1487.43	67.52
9100.00	10456.10	10456.00	128.89	24.78	24.72	1413.59	1390.63	61.55
9200.00	10456.10	10456.00	108.14	24.78	24.72	1317.96	1294.29	55.67
9300.00	10456.10	10456.00	130.93	24.78	24.72	1224.57	1200.02	49.88
9400.00	10456.10	10456.00	143.60	24.78	24.72	1137.40	1111.80	44.43
9500.00	10456.10	10456.00	153.19	24.78	24.72	1062.04	1035.11	39.44
9600.00	10456.10	10456.00	158.04	24.78	24.72	1004.49	975.65	34.82
9700.00	10456.10	10456.00	160.70	24.78	24.72	969.83	938.75	31.21
9800.00	10456.10	10456.00	162.09	24.78	24.72	961.59	927.91	28.55
9900.00	10456.10	10456.00	162.57	24.78	24.72	980.71	944.68	27.22
10000.00	10456.10	10456.00	162.22	24.78	24.72	1025.10	986.90	26.84
10100.00	10456.10	10456.00	160.83	24.78	24.72	1090.43	1050.73	27.46

5D Anti-Collision Report

Secondary Well : Bell Lake 19 State 1H Lateral (S) (TVD Relative to Kelly Bushing (Primary) : All Azimuth Relative to GRID NORTH)									
Pri MD (US ft)	TVD (US ft)	Sec MD (US ft)	T Face to Sec (°)	S Major (US ft)	S Minor (US ft)	CC (US ft)	ES (US ft)	SF	Risk
10200.00	10456.10	10456.00	160.67	24.78	24.72	1167.23	1126.38	28.57	
10300.00	10456.10	10456.00	160.67	24.78	24.72	1247.35	1205.51	29.81	
10400.00	11060.56	11907.64	168.93	31.49	18.77	1307.24	1271.44	36.52	
10500.00	11061.99	11990.31	168.92	32.35	18.99	1308.79	1272.40	35.97	
10600.00	11064.57	12094.31	168.92	33.50	19.31	1311.10	1274.00	35.34	
10700.00	11064.19	12243.73	168.89	35.30	19.93	1310.44	1272.30	34.36	
10800.00	11062.92	12333.50	168.87	36.40	20.23	1308.88	1269.95	33.63	
10900.00	11062.77	12418.35	168.87	37.45	20.51	1308.43	1268.72	32.95	
11000.00	11063.54	12513.07	168.89	38.66	20.89	1308.90	1268.30	32.24	
11100.00	11063.41	12643.38	168.90	40.43	21.52	1308.58	1266.82	31.33	
11200.00	11060.07	12764.82	168.85	42.12	22.06	1305.68	1262.75	30.41	
11300.00	11052.59	12901.43	168.62	44.06	22.83	1300.51	1256.28	29.40	
11400.00	11045.68	12993.36	168.31	45.30	23.27	1294.19	1248.78	28.50	
11500.00	11041.19	13063.80	167.97	46.22	23.54	1289.64	1243.19	27.76	
11600.00	11038.74	13125.68	167.66	47.07	23.75	1287.80	1240.35	27.14	
11700.00	11036.99	13225.07	167.21	48.61	24.15	1288.00	1239.13	26.35	
11800.00	11035.47	13320.97	166.94	50.03	24.70	1287.61	1237.45	25.67	
11900.00	11035.03	13411.33	166.71	51.37	25.14	1288.17	1236.65	25.00	
12000.00	11035.50	13497.27	166.57	52.65	25.47	1289.39	1236.61	24.43	
12100.00	11037.89	13576.71	166.58	53.81	25.90	1292.14	1238.28	23.99	
12200.00	11042.15	13659.76	166.70	55.04	26.33	1296.37	1241.46	23.61	
12300.00	11047.83	13749.73	166.88	56.43	26.74	1301.56	1245.47	23.20	
12400.00	11054.17	13838.15	167.05	57.82	27.28	1307.67	1250.48	22.87	
12500.00	11063.27	13988.00	167.29	60.20	28.21	1313.07	1254.26	22.33	
12600.00	11065.74	14095.02	167.36	61.92	28.94	1314.80	1254.63	21.85	
12700.00	11066.82	14231.75	167.34	64.11	29.76	1315.43	1253.63	21.29	
12800.00	11066.90	14326.58	167.30	65.61	30.30	1315.44	1252.22	20.81	
12900.00	11064.00	14460.82	167.26	67.75	31.25	1312.87	1247.93	20.22	
13000.00	11062.00	14551.58	167.27	69.21	31.79	1310.31	1244.04	19.77	
13100.00	11060.62	14644.57	167.28	70.71	32.35	1308.48	1240.85	19.35	
13200.00	11059.56	14737.64	167.27	72.22	32.91	1307.07	1238.08	18.94	
13300.00	11059.13	14824.71	167.26	73.63	33.43	1306.39	1236.06	18.57	
13400.00	11059.66	14911.00	167.25	75.04	33.94	1306.86	1235.18	18.23	
13500.00	11060.91	15000.57	167.22	76.51	34.48	1308.20	1235.12	17.90	
13600.00	11062.98	15120.70	167.19	78.48	35.25	1309.96	1235.27	17.54	
13700.00	11061.73	15239.31	167.10	80.41	36.00	1308.96	1232.61	17.14	
13800.00	11060.13	15342.16	167.00	82.09	36.64	1307.63	1229.64	16.77	
13900.00	11058.42	15442.07	166.89	83.73	37.27	1306.18	1226.57	16.41	
14000.00	11057.54	15530.92	166.85	85.19	37.82	1305.18	1224.11	16.10	
14100.00	11056.95	15637.29	166.84	86.94	38.54	1304.39	1221.73	15.78	
14154.58	11056.48	15693.11	166.84	87.86	38.92	1303.76	1220.27	15.62	



Weatherford

Weatherford Drilling Services

GeoDec4 v2.1.0.0

Report Date: April 16, 2015
Job Number: _____
Customer: Devon Energy
Well Name: Bell Lake 19 State 6H
API Number: _____
Rig Name: _____
Location: Lea Co, NM Nad83 NME
Block: _____
Engineer: RWJ

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: 436071.54 US Survey Foot	Latitude: 32.19682 Degree
East: 762329.95 US Survey Foot	Longitude: -103.618905 Degree
Convergence: 0.38°	
Declination: 7.30°	
Total Correction: 6.92°	
Datum Transformation: none	

Geodetic Location WGS84

MSL Elevation = 0 m
Latitude = 32° 11' 48.55" N
Longitude = 103° 37' 08.06" W

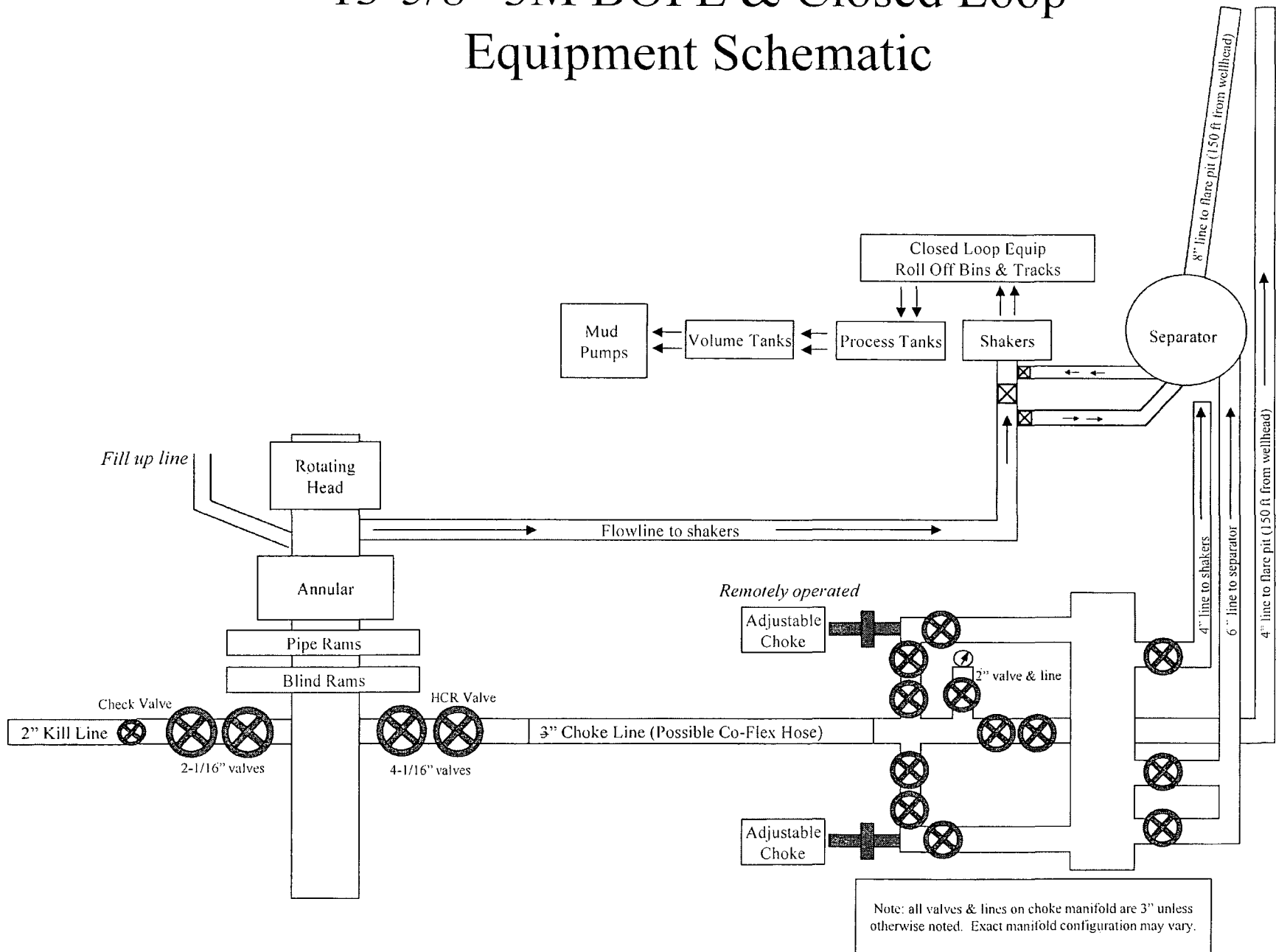
Magnetic Declination = 7.30 deg	[True North Offset]
Local Gravity = .9988 g	Checksum = 6578
Local Field Strength = 48174 nT	Magnetic Vector X = 23857 nT
Magnetic Dip = 60.05 deg	Magnetic Vector Y = 3058 nT
Magnetic Model = bggm2014.dat	Magnetic Vector Z = 41739 nT
Run Date = May 15, 2015	Magnetic Vector H = 24053 nT

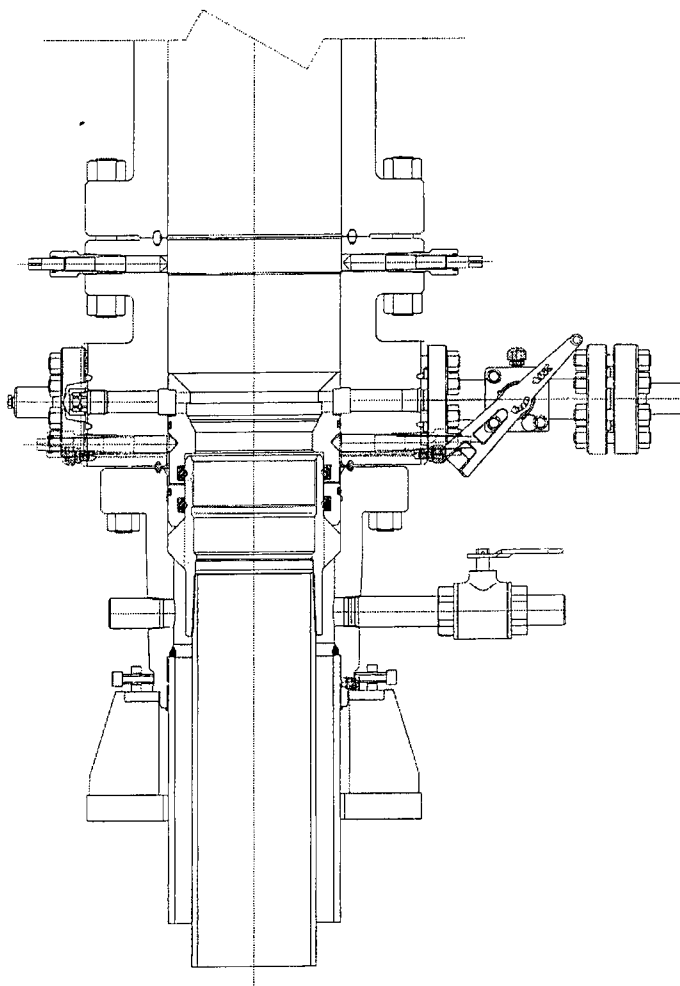
Signed: _____ Date: _____

© 2013 Weatherford

Warning: This information is controlled, and any printed version is deemed as uncontrolled unless suitably endorsed by a controlling authority or accompanied by a controlled table of contents in order to ensure adequate revision control.

13-5/8" 3M BOPE & Closed Loop Equipment Schematic





PRIMARY MODE

DEVON ENERGY

ARTESIA

S.E.N.M

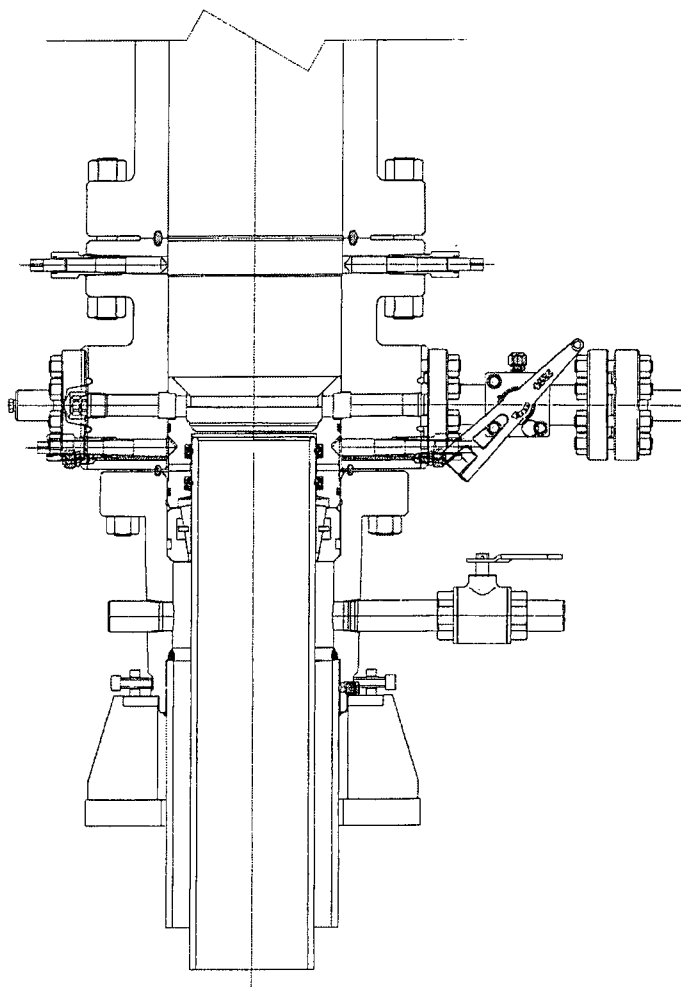
13 3/8 X 9 5/8

QUOTE LAYOUT
F18648
REF: DM100161737
DM100151315

PRIVATE AND CONFIDENTIAL		REVISIONS		DESCRIPTION			
THIS DOCUMENT AND ALL THE INFORMATION CONTAINED HEREIN ARE THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF FMC TECHNOLOGIES AND MAY NOT BE REPRODUCED, USED, DISCLOSED, OR MADE PUBLIC IN ANY MANNER PRIOR TO EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES. THIS DOCUMENT IS ACCEPTED BY RECIPIENT PURSUANT TO AGREEMENT TO THE FOREGOING, AND MUST BE RETURNED UPON DEMAND.		A	05-08-13		DRAWN BY		
		B	1-22-14		K. VU	05-08-13	
		C	5-13-14		DRAFTING REVIEW		
MANUFACTURER AGREES THAT ARTICLES MADE IN ACCORDANCE WITH THIS DOCUMENT SHALL BE CONSIDERED FMC TECHNOLOGIES' DESIGN AND THAT IDENTICAL ARTICLES OR PARTS THEREOF SHALL NOT BE MANUFACTURED FOR THE USE OR SALE BY MANUFACTURER OR ANY OTHER PERSON WITHOUT THE PRIOR EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES		SURFACE WELLHEAD LAYOUT UNIHEAD, UH-1, SOW, DEVON ENERGY, ODESSA			Z. MARQUEZ	05-08-13	DRAWING NUMBER
					DESIGN REVIEW		
					K. TAHA		
					APPROVED BY		
					R. HAMILTON	05-08-13	DM100161771-2A

FMC Technologies

DM100161771-2A



CONTINGENCY MODE

DEVON ENERGY

ARTESIA

S.E.N.M

13 3/8 X 9 5/8

QUOTE LAYOUT
F18648
REF: DM100161737
DM100151315

PRIVATE AND CONFIDENTIAL THIS DOCUMENT AND ALL THE INFORMATION CONTAINED HEREIN ARE THE CONFIDENTIAL AND EXCLUSIVE PROPERTY OF FMC TECHNOLOGIES AND MAY NOT BE REPRODUCED, USED, DISCLOSED, OR MADE PUBLIC IN ANY MANNER PRIOR TO EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES. THIS DOCUMENT IS ACCEPTED BY RECIPIENT PURSUANT TO AGREEMENT TO THE FOREGOING AND MUST BE RETURNED UPON DEMAND. MANUFACTURER AGREES THAT ARTICLES MADE IN ACCORDANCE WITH THIS DOCUMENT SHALL BE CONSIDERED FMC TECHNOLOGIES DESIGN AND THAT IDENTICAL ARTICLES OR PARTS THEREOF SHALL NOT BE MANUFACTURED FOR THE USE OR SALE BY MANUFACTURER OR ANY OTHER PERSON WITHOUT THE PRIOR EXPRESS WRITTEN AUTHORIZATION BY FMC TECHNOLOGIES.	REVISIONS		DESCRIPTION SURFACE WELLHEAD LAYOUT UNIHEAD, UH-1, SOW, DEVON ENERGY, ODESSA	DRAWN BY K. VU DRAFTING REVIEW Z. MARQUEZ DESIGN REVIEW K. TAHA APPROVED BY R. HAMILTON	05-08-13 05-08-13 05-08-13 05-08-13	FMC Technologies DRAWING NUMBER DM100161771-2B
	A	05-08-13				
	B	1-22-14				
	C	5-13-14				