

OCD - HOBBS
09/26/2016
RECEIVED

30-025-41517



Weatherford

Evaluation, Drilling & Intervention
10000 West County Rd. 116
P.O. Box 61028
Midland, TX USA 79711
Tel. (432) 561-8892 Fax (432) 561-8895

Devon Energy
333 W. Sherridan Ave
Oklahoma City, OK, 73102

Date: June 10, 2014

Attention: Kurtis Schmitz

Re: Devon Energy
Well: Bell Lake 19 State 4H
Lea County, New Mexico
300254151700

Enclosed, please find the original survey performed on the referenced well by Precision Energy Services, Inc. (P-5 No. 676004), a Weatherford company. Other information required by your office is as follows:

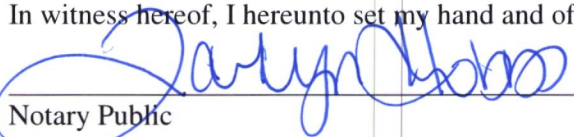
Name & Title Of Surveyor	Well Number	Surveyed Depths	Dates Performed	Type of Survey
Dave Latch MWD Supervisor	4H	1388 MD 15866 MD	5/14/2014 6/7/2014	Measurement While Drilling

A notarized plan vs. actual is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.


Jesus Aguilar
MWD Coordinator

On this, the 18th day of June, 20 14, before me a notary public, the undersigned officer, personally appeared Jesus Aguilar, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness hereof, I hereunto set my hand and official seal.


Notary Public



5D Survey Report

Devon Energy

Field Name: *Lea Co, NM Nad 83 NMEZ*
Site Name: *Bell Lake 19 State 2,3,4H Pad*
Well Name: *Bell Lake 19 State 4H*
Survey: *Wft MWD Svy*

06 June 2014



Weatherford®

Bell Lake 19 State 4H

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 2,3,4H Pad	Units : US ft	North Reference : Grid	Convergence Angle : 0.39	
	Position	Northing : 435962.79 US ft	Latitude : 32° 11' 47.27"	
		Easting : 765374.35 US ft	Longitude : -103° 36' 32.64"	
		Elevation above Mean Sea Level:3548.00 US ft		
Comment :				
Slot Name Bell Lake 19 State 4H	Position (Offsets relative to Site Centre)			
	+N / -S : 0.76 US ft	Northing :435963.55 US ft	Latitude : 32°11'47.27"	
	+E / -W : 99.97 US ft	Easting :765474.32 US ft	Longitude : -103°36'31.47"	
	Slot TVD Reference : Ground Elevation			
Elevation above Mean Sea Level : 3548.00 US ft				
Comment :				
Well Name Bell Lake 19 State 4H	Type : Main well		UWI :	
	Rig Height <i>Drill Floor</i> : 25.00 US ft		Comment :	
	Relative to Mean Sea Level: 3573.00 US ft			
	Closure Distance : 4941.31 US ft		Closure Azimuth : 15.8976°	
Vertical Section (Position of Origin Relative to Slot)				
+N / -S : 0.00 US ft +E / -W : 0.00 US ft Az :2.79°				

Target Set

Name : Bell Lake 19 State 4H **Number of Targets :** 2

Comment :

Target Name:	Position (Relative to Slot centre)					
	+N / -S : -172.89US ft		Northing : 435790.66 US ft		Latitude : 32°11'45.50"	
S Tgt	+E / -W : 882.96 US ft		Easting : 766357.28US ft		Longitude : -103°36'21.21"	
Shape:	TVD (Drill Floor) : 10559.50 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	

Target Name:	+N / -S : 4755.85US ft	Position (Relative to Slot centre)	
PBHL 4H	+E / -W : 1372.81 US ft	Northing : 440719.40 US ft	Latitude : 32°12'34.24"
Shape:	TVD (Drill Floor) : 11113.00 US ft	Easting : 766847.13US ft	Longitude : -103°36'15.12"
Cuboid			
	Orientation Azimuth : 5.37°	Inclination : 0.26°	
	Dimensions Length : 9248.00 US ft	Breadth : 100.00 US ft	Height : 20.00 US ft

Survey Name :Wft MWD Sv**Date : 16/May/2014****Survey Tool : MWD****Comment :****Company :****Magnetic Model****Model Name: BGGM****Date: 10/May/2014****Field Strength:**
48308.4 nT**Declination: 7.36°****Dip: 60.07°****Tie Point****MD: 1198****Inclination: 2.24 Azimuth: 224.45****TVD: 1197.27****North Offset: -36.646****East Offset: -15.8886****Casing Points (Relative to Slot centre, TVD relative to Drill Floor)**

MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	Name
4966.00	5.07	110.41	4945.61	-113.02	311.35	435850.53	765785.67	9 5/8 in

Well path created using minimum curvature**Survey Points (Relative to Slot centre, TVD relative to Drill Floor)**

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
1388.00	1.96	218.79	1387.14	-41.83	-20.52	-42.78	0.00	435921.72	765453.80	First Wft Sv
1482.00	2.10	211.39	1481.08	-44.55	-22.43	-45.59	0.32	435919.00	765451.89	
1577.00	2.02	197.82	1576.02	-47.63	-23.85	-48.74	0.52	435915.92	765450.47	
1671.00	2.31	185.97	1669.95	-51.09	-24.55	-52.23	0.57	435912.46	765449.77	
1766.00	2.82	166.83	1764.86	-55.27	-24.22	-56.39	1.04	435908.28	765450.10	
1861.00	5.25	127.84	1859.63	-60.22	-20.25	-61.13	3.72	435903.33	765454.07	
1955.00	7.51	118.03	1953.05	-65.74	-11.43	-66.22	2.66	435897.81	765462.89	
2050.00	7.48	104.96	2047.24	-70.26	0.02	-70.17	1.79	435893.29	765474.34	
2144.00	7.98	91.12	2140.39	-71.96	12.46	-71.27	2.05	435891.59	765486.78	
2238.00	8.00	87.33	2233.48	-71.79	25.52	-70.46	0.56	435891.76	765499.84	
2333.00	7.94	86.72	2327.57	-71.10	38.67	-69.14	0.11	435892.45	765512.99	
2427.00	7.79	86.63	2420.68	-70.36	51.51	-67.77	0.16	435893.19	765525.83	
2522.00	7.45	86.58	2514.84	-69.61	64.09	-66.41	0.36	435893.94	765538.41	
2616.00	6.75	99.30	2608.13	-70.14	75.62	-66.38	1.83	435893.41	765549.94	
2710.00	6.69	104.05	2701.48	-72.36	86.39	-68.07	0.59	435891.19	765560.71	
2805.00	6.85	103.87	2795.82	-75.06	97.25	-70.24	0.17	435888.49	765571.57	
2899.00	6.66	103.98	2889.17	-77.72	107.99	-72.38	0.20	435885.83	765582.31	
2993.00	6.57	102.16	2982.54	-80.17	118.53	-74.31	0.24	435883.38	765592.85	
3088.00	6.50	103.45	3076.92	-82.57	129.08	-76.19	0.17	435880.98	765603.40	
3183.00	6.33	104.11	3171.33	-85.10	139.38	-78.21	0.20	435878.45	765613.70	
3277.00	6.13	104.93	3264.77	-87.65	149.26	-80.28	0.23	435875.90	765623.58	
3371.00	6.05	104.47	3358.24	-90.18	158.90	-82.34	0.10	435873.37	765633.22	
3466.00	5.93	104.15	3452.72	-92.63	168.51	-84.32	0.13	435870.92	765642.83	
3560.00	6.03	93.55	3546.22	-94.13	178.15	-85.34	1.18	435869.42	765652.47	
3654.00	5.75	90.48	3639.72	-94.47	187.78	-85.22	0.45	435869.08	765662.10	
3749.00	5.41	92.71	3734.27	-94.72	197.02	-85.02	0.42	435868.83	765671.34	
3843.00	4.60	90.42	3827.91	-94.96	205.21	-84.86	0.89	435868.59	765679.53	
3938.00	4.06	90.85	3922.64	-95.04	212.38	-84.59	0.57	435868.51	765686.70	
4032.00	4.66	93.51	4016.37	-95.32	219.52	-84.52	0.67	435868.23	765693.84	
4127.00	5.59	96.88	4110.99	-96.11	227.97	-84.90	1.03	435867.44	765702.29	
4221.00	5.80	95.65	4204.52	-97.13	237.24	-85.47	0.26	435866.42	765711.56	
4315.00	5.43	95.81	4298.07	-98.05	246.39	-85.94	0.39	435865.50	765720.71	

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)										
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
4410.00	6.14	97.96	4392.59	-99.21	255.89	-86.63	0.78	435864.34	765730.21	
4504.00	6.35	98.71	4486.03	-100.69	266.01	-87.62	0.24	435862.86	765740.33	
4598.00	5.99	100.12	4579.48	-102.34	275.98	-88.78	0.42	435861.21	765750.30	
4693.00	6.02	104.39	4673.96	-104.45	285.68	-90.42	0.47	435859.10	765760.00	
4787.00	5.92	108.28	4767.45	-107.19	295.06	-92.70	0.44	435856.36	765769.38	
4881.00	5.62	109.67	4860.98	-110.26	304.00	-95.33	0.35	435853.29	765778.32	
4901.00	5.40	110.82	4880.88	-110.93	305.80	-95.91	1.23	435852.62	765780.12	
4966.00	5.07	110.41	4945.61	-113.02	311.35	-97.73	0.51	435850.53	765785.67	9 5/8 in
5000.00	4.90	110.18	4979.48	-114.04	314.12	-98.62	0.51	435849.51	765788.44	
5095.00	5.90	95.83	5074.07	-115.94	322.79	-100.09	1.76	435847.61	765797.11	
5189.00	6.43	93.70	5167.52	-116.77	332.85	-100.43	0.61	435846.78	765807.17	
5283.00	6.21	93.29	5260.95	-117.40	343.18	-100.55	0.24	435846.15	765817.50	
5378.00	5.86	92.31	5355.42	-117.89	353.15	-100.56	0.38	435845.66	765827.47	
5472.00	5.69	93.06	5448.95	-118.33	362.60	-100.54	0.20	435845.22	765836.92	
5567.00	6.35	96.46	5543.42	-119.17	372.52	-100.90	0.79	435844.38	765846.84	
5661.00	6.20	96.56	5636.86	-120.34	382.73	-101.57	0.16	435843.21	765857.05	
5756.00	6.20	95.13	5731.30	-121.38	392.94	-102.11	0.16	435842.17	765867.26	
5850.00	5.96	96.66	5824.78	-122.40	402.84	-102.65	0.31	435841.15	765877.16	
5945.00	5.20	97.17	5919.33	-123.51	412.01	-103.31	0.80	435840.04	765886.33	
6039.00	5.61	98.07	6012.91	-124.69	420.79	-104.06	0.45	435838.86	765895.11	
6134.00	6.59	91.42	6107.37	-125.48	430.83	-104.36	1.27	435838.07	765905.15	
6229.00	6.63	88.29	6201.74	-125.45	441.76	-103.80	0.38	435838.10	765916.08	
6323.00	6.61	88.97	6295.11	-125.19	452.60	-103.01	0.09	435838.36	765926.92	
6417.00	6.55	87.73	6388.49	-124.88	463.36	-102.18	0.16	435838.67	765937.68	
6512.00	6.93	97.35	6482.84	-125.40	474.46	-102.15	1.25	435838.15	765948.78	
6606.00	6.59	100.91	6576.19	-127.14	485.38	-103.37	0.57	435836.41	765959.70	
6700.00	6.36	100.57	6669.59	-129.12	495.80	-104.83	0.25	435834.43	765970.12	
6795.00	6.25	97.91	6764.01	-130.80	506.09	-106.01	0.33	435832.75	765980.41	
6889.00	5.95	97.46	6857.48	-132.13	515.99	-106.86	0.32	435831.42	765990.31	
6984.00	5.61	98.81	6952.00	-133.48	525.46	-107.75	0.39	435830.07	765999.78	
7078.00	6.18	97.85	7045.50	-134.88	535.01	-108.68	0.62	435828.67	766009.33	
7172.00	6.03	93.78	7138.97	-135.89	544.95	-109.21	0.49	435827.66	766019.27	
7267.00	6.56	91.03	7233.39	-136.32	555.36	-109.13	0.64	435827.23	766029.68	
7361.00	8.17	91.16	7326.61	-136.55	567.41	-108.77	1.71	435827.00	766041.73	
7456.00	8.07	91.29	7420.66	-136.84	580.82	-108.41	0.11	435826.71	766055.14	
7550.00	7.68	88.59	7513.78	-136.83	593.70	-107.77	0.57	435826.72	766068.02	
7646.00	7.14	90.63	7608.97	-136.74	606.08	-107.08	0.63	435826.81	766080.40	
7740.00	6.85	90.57	7702.27	-136.86	617.52	-106.64	0.31	435826.69	766091.84	
7835.00	6.45	88.48	7796.63	-136.78	628.52	-106.02	0.49	435826.77	766102.84	
7930.00	6.43	88.01	7891.03	-136.45	639.17	-105.18	0.06	435827.10	766113.49	
8025.00	6.48	89.66	7985.43	-136.23	649.85	-104.44	0.20	435827.32	766124.17	
8119.00	7.23	96.24	8078.76	-136.84	661.03	-104.51	1.15	435826.71	766135.35	
8214.00	6.00	91.88	8173.13	-137.66	671.94	-104.79	1.40	435825.89	766146.26	
8309.00	5.43	95.32	8267.66	-138.24	681.38	-104.91	0.70	435825.31	766155.70	
8404.00	5.44	97.07	8362.23	-139.21	690.32	-105.44	0.17	435824.34	766164.64	
8499.00	4.99	98.53	8456.84	-140.38	698.88	-106.19	0.49	435823.17	766173.20	
8594.00	5.08	101.22	8551.47	-141.81	707.09	-107.22	0.27	435821.74	766181.41	
8688.00	5.47	99.31	8645.07	-143.34	715.59	-108.34	0.45	435820.21	766189.91	
8783.00	5.86	103.73	8739.61	-145.22	724.77	-109.77	0.62	435818.33	766199.09	
8878.00	4.99	105.78	8834.18	-147.50	733.46	-111.62	0.94	435816.05	766207.78	
8973.00	4.84	105.03	8928.83	-149.66	741.30	-113.40	0.17	435813.89	766215.62	
9068.00	5.89	95.75	9023.42	-151.19	750.03	-114.50	1.43	435812.36	766224.35	
9163.00	4.92	92.37	9117.99	-151.85	758.95	-114.72	1.07	435811.70	766233.27	
9257.00	5.03	96.95	9211.64	-152.51	767.06	-114.99	0.44	435811.04	766241.38	
9352.00	5.43	102.07	9306.24	-153.96	775.59	-116.02	0.65	435809.59	766249.91	
9447.00	5.23	96.12	9400.83	-155.36	784.29	-117.00	0.62	435808.19	766258.61	
9541.00	5.07	95.47	9494.45	-156.21	792.69	-117.44	0.18	435807.34	766267.01	
9636.00	4.16	96.63	9589.14	-157.01	800.29	-117.87	0.96	435806.54	766274.61	
9731.00	5.54	91.62	9683.80	-157.54	808.30	-118.00	1.52	435806.01	766282.62	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)										
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
9826.00	5.17	95.93	9778.39	-158.11	817.14	-118.15	0.58	435805.44	766291.46	
9921.00	4.26	94.19	9873.07	-158.81	824.91	-118.47	0.97	435804.74	766299.23	
10014.00	3.99	99.20	9965.82	-159.58	831.55	-118.91	0.48	435803.97	766305.87	
10109.00	2.45	85.76	10060.67	-159.96	836.84	-119.03	1.79	435803.59	766311.16	
10204.00	2.56	75.32	10155.58	-159.27	840.92	-118.15	0.49	435804.28	766315.24	
10298.00	2.12	70.25	10249.50	-158.15	844.59	-116.85	0.52	435805.40	766318.91	
10393.00	1.78	74.33	10344.45	-157.16	847.66	-115.71	0.39	435806.39	766321.98	
10488.00	1.02	84.01	10439.42	-156.67	849.92	-115.11	0.84	435806.88	766324.24	
10583.00	0.43	124.04	10534.41	-156.78	851.06	-115.17	0.78	435806.77	766325.38	
10618.00	0.07	112.41	10569.41	-156.86	851.19	-115.24	1.03	435806.69	766325.51	
10655.00	0.43	213.28	10606.41	-156.99	851.13	-115.37	1.21	435806.56	766325.45	
10687.00	1.26	353.65	10638.41	-156.74	851.03	-115.13	5.05	435806.81	766325.35	
10719.00	5.07	10.54	10670.36	-155.00	851.25	-113.38	12.13	435808.55	766325.57	
10751.00	8.66	13.85	10702.12	-151.27	852.08	-109.61	11.28	435812.28	766326.40	
10782.00	12.27	14.32	10732.60	-145.81	853.46	-104.09	11.65	435817.74	766327.78	
10814.00	15.82	16.11	10763.64	-138.32	855.51	-96.51	11.18	435825.23	766329.83	
10845.00	18.20	18.64	10793.28	-129.67	858.23	-87.74	8.04	435833.88	766332.55	
10877.00	20.96	17.71	10823.43	-119.48	861.57	-77.40	8.68	435844.07	766335.89	
10909.00	24.90	17.91	10852.89	-107.62	865.38	-65.36	12.31	435855.93	766339.70	
10940.00	28.93	17.89	10880.53	-94.26	869.69	-51.82	13.00	435869.29	766344.01	
10972.00	31.65	17.04	10908.16	-78.87	874.53	-36.21	8.60	435884.68	766348.85	
11004.00	32.92	14.79	10935.21	-62.43	879.21	-19.56	5.46	435901.12	766353.53	
11035.00	34.90	14.28	10960.94	-45.69	883.55	-2.63	6.45	435917.86	766357.87	
11067.00	38.49	14.96	10986.59	-27.19	888.38	16.08	11.29	435936.36	766362.70	
11099.00	41.26	15.48	11011.15	-7.40	893.77	36.11	8.72	435956.15	766368.09	
11132.00	43.54	12.86	11035.52	14.17	899.20	57.92	8.74	435977.72	766373.52	
11163.00	47.40	11.25	11057.25	35.78	903.81	79.73	12.99	435999.33	766378.13	
11195.00	52.14	10.96	11077.92	59.75	908.51	103.90	14.83	436023.30	766382.83	
11227.00	56.69	10.64	11096.53	85.30	913.38	129.66	14.24	436048.85	766387.70	
11258.00	61.11	11.77	11112.54	111.33	918.55	155.91	14.60	436074.88	766392.87	
11290.00	65.62	11.67	11126.88	139.33	924.36	184.16	14.10	436102.88	766398.68	
11322.00	71.35	11.35	11138.61	168.49	930.29	213.58	17.93	436132.04	766404.61	
11354.00	76.38	11.31	11147.50	198.62	936.33	243.97	15.72	436162.17	766410.65	
11385.00	82.22	11.48	11153.26	228.47	942.34	274.07	18.85	436192.02	766416.66	
11413.00	87.55	10.03	11155.75	255.86	947.55	301.68	19.72	436219.41	766421.87	
11445.00	91.54	8.51	11156.01	287.43	952.70	333.47	13.34	436250.98	766427.02	
11476.00	92.03	6.62	11155.04	318.15	956.78	364.34	6.30	436281.70	766431.10	
11570.00	93.08	6.07	11150.85	411.48	967.16	458.07	1.26	436375.03	766441.48	
11665.00	92.94	5.82	11145.86	505.84	976.98	552.79	0.30	436469.39	766451.30	
11759.00	93.22	6.21	11140.81	599.18	986.82	646.51	0.51	436562.73	766461.14	
11853.00	92.66	6.15	11135.99	692.51	996.92	740.22	0.60	436656.06	766471.24	
11948.00	92.24	5.95	11131.93	786.90	1006.93	834.98	0.49	436750.45	766481.25	
12042.00	92.10	4.97	11128.37	880.40	1015.86	928.81	1.05	436843.95	766490.18	
12137.00	91.54	4.43	11125.35	975.04	1023.64	1023.71	0.82	436938.59	766497.96	
12231.00	89.79	4.25	11124.26	1068.76	1030.76	1117.66	1.87	437032.31	766505.08	
12326.00	89.72	4.06	11124.67	1163.51	1037.64	1212.63	0.21	437127.06	766511.96	
12420.00	89.16	3.75	11125.59	1257.28	1044.04	1306.61	0.68	437220.83	766518.36	
12516.00	89.02	3.51	11127.11	1353.08	1050.12	1402.59	0.29	437316.63	766524.44	
12610.00	89.37	4.72	11128.43	1446.82	1056.86	1496.55	1.34	437410.37	766531.18	
12705.00	89.37	5.24	11129.48	1541.46	1065.11	1591.48	0.55	437505.01	766539.43	
12800.00	89.23	5.68	11130.64	1636.02	1074.15	1686.37	0.49	437599.57	766548.47	
12895.00	89.30	6.23	11131.86	1730.50	1084.00	1781.21	0.58	437694.05	766558.32	
12989.00	89.16	6.34	11133.12	1823.93	1094.29	1875.03	0.19	437787.48	766568.61	
13084.00	89.65	5.75	11134.11	1918.39	1104.30	1969.87	0.81	437881.94	766578.62	
13179.00	90.70	5.39	11133.82	2012.94	1113.52	2064.76	1.17	437976.49	766587.84	
13274.00	90.35	5.11	11132.95	2107.54	1122.21	2159.67	0.47	438071.09	766596.53	
13369.00	90.07	5.97	11132.60	2202.09	1131.38	2254.55	0.95	438165.64	766605.70	
13464.00	90.77	6.11	11131.90	2296.56	1141.38	2349.40	0.75	438260.11	766615.70	
13558.00	90.49	6.29	11130.87	2390.01	1151.53	2443.23	0.35	438353.56	766625.85	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)										
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
13654.00	90.14	6.86	11130.34	2485.37	1162.52	2539.01	0.70	438448.92	766636.84	
13748.00	91.68	5.95	11128.85	2578.77	1173.01	2632.81	1.90	438542.32	766647.33	
13842.00	91.82	5.99	11125.98	2672.22	1182.78	2726.62	0.15	438635.77	766657.10	
13937.00	91.68	5.88	11123.07	2766.67	1192.60	2821.44	0.19	438730.22	766666.92	
14031.00	91.51	5.50	11120.46	2860.17	1201.91	2915.28	0.44	438823.72	766676.23	
14126.00	91.19	5.20	11118.22	2954.73	1210.77	3010.16	0.46	438918.28	766685.09	
14221.00	91.12	4.90	11116.31	3049.34	1219.13	3105.06	0.32	439012.89	766693.45	
14316.00	90.49	4.45	11114.97	3144.01	1226.87	3200.00	0.81	439107.56	766701.19	
14410.00	89.65	3.99	11114.86	3237.76	1233.79	3293.97	1.02	439201.31	766708.11	
14505.00	89.37	4.07	11115.67	3332.52	1240.46	3388.95	0.31	439296.07	766714.78	
14603.00	88.95	4.12	11117.11	3430.26	1247.46	3486.91	0.43	439393.81	766721.78	
14698.00	91.05	4.67	11117.11	3524.97	1254.74	3581.87	2.29	439488.52	766729.06	
14792.00	91.05	4.81	11115.38	3618.63	1262.51	3675.80	0.15	439582.18	766736.83	
14887.00	90.28	4.79	11114.28	3713.29	1270.46	3770.73	0.81	439676.84	766744.78	
14981.00	89.86	4.82	11114.17	3806.96	1278.33	3864.67	0.45	439770.51	766752.65	
15076.00	88.95	5.06	11115.15	3901.60	1286.51	3959.60	0.99	439865.15	766760.83	
15170.00	89.51	4.33	11116.41	3995.28	1294.20	4053.54	0.98	439958.83	766768.52	
15265.00	91.82	3.66	11115.31	4090.03	1300.82	4148.50	2.53	440053.58	766775.14	
15359.00	91.96	4.08	11112.21	4183.77	1307.16	4242.44	0.47	440147.32	766781.48	
15424.00	90.84	4.64	11110.62	4248.56	1312.10	4307.39	1.93	440212.11	766786.42	
15518.00	90.91	4.92	11109.19	4342.22	1319.93	4401.32	0.31	440305.77	766794.25	
15613.00	92.24	4.70	11106.58	4436.85	1327.90	4496.23	1.42	440400.40	766802.22	
15707.00	94.06	4.48	11101.41	4530.40	1335.41	4590.03	1.95	440493.95	766809.73	
15801.00	92.66	4.87	11095.90	4623.93	1343.05	4683.82	1.55	440587.48	766817.37	
15866.00	93.22	4.59	11092.57	4688.62	1348.41	4748.70	0.96	440652.17	766822.73	Last Wft Svy
15930.00	93.22	4.59	11088.97	4752.31	1353.52	4812.56	0.00	440715.86	766827.84	Proj. To Bit 4H



Bell Lake 19 State 4H
Lea Co, NM



Plan Data for Bell Lake 19 State 4H

Plan Point Information:									
Dogleg Severity Unit: °/100.00ft Position offsets from Slot centre									
ND	Inc	Az	TVD	+N/-S	+E/-W	Northing	Easting	VSec	DLS
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)
11354.00	76.38	11.31	11147.50	198.62	936.33	436162.17	766410.65	243.97	15.72
11385.00	82.22	11.48	11153.26	228.47	942.34	436192.02	766416.66	274.07	18.85
11484.64	92.50	5.36	11157.85	326.75	956.87	436290.30	766431.19	372.94	12.00
12054.64	92.50	5.36	11132.98	893.72	1010.07	436857.27	766484.39	941.83	0.00
12166.49	90.26	5.37	11130.29	1005.05	1020.52	436968.60	766494.84	1053.53	2.00
15933.84	90.26	5.37	11113.00	4755.85	1372.81	440719.40	766847.13	4817.03	0.00

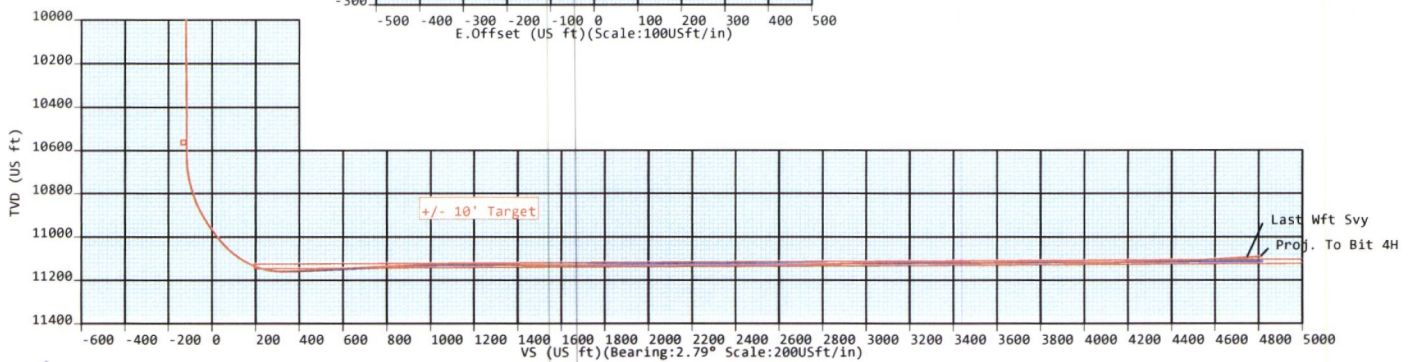
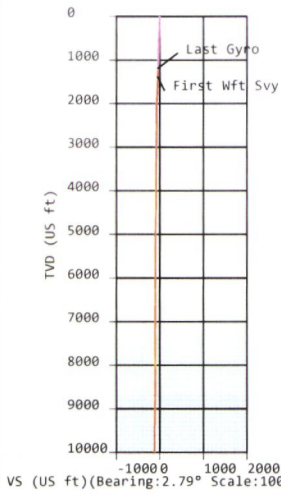
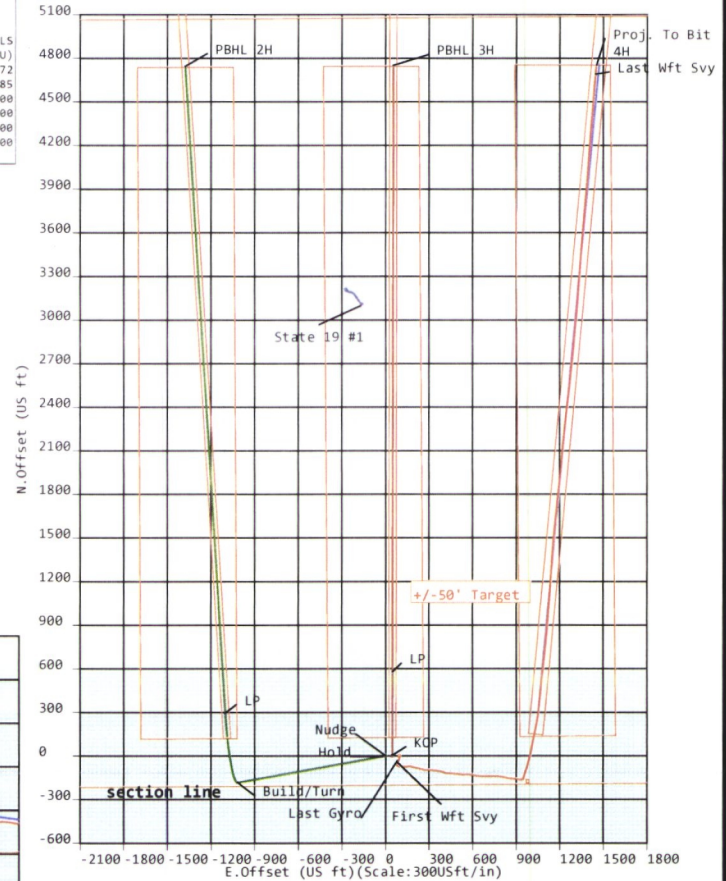
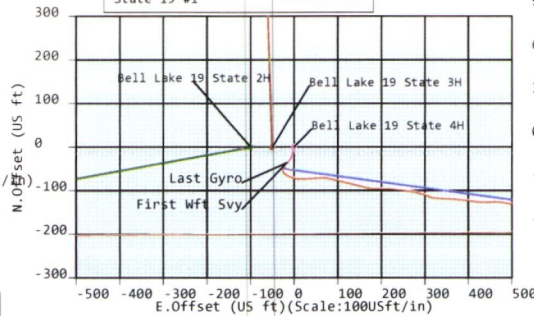
Plan Data for Bell Lake 19 State 4H

Target Set Information:									
Name: Bell Lake 19 State 4H									
Position offsets from Slot centre									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	Comment		
(USft)	(USft)	(USft)	(USft)	(USft)	(USft)				
S Tgt	10559.50	-172.89	882.96	435790.66	766357.28	Cuboid			
PBHL 4H	11113.00	4755.85	1372.81	440719.40	766847.13	Cuboid			

Plan Data for Bell Lake 19 State 4H

Slot: Bell Lake 19 State 4H			
Position:			
Offset is from Site centre			
+N/-S: 0.76USft	Northing: 435963.55USft	Latitude: 32°11'47.3"	
+E/-W: 99.97USft	Easting: 765474.32USft	Longitude: -103°36'31.5"	
Elevation Above VRD: 3548.00USft			

Bell Lake 19 State 2H	—
Bell Lake 19 State 3H	—
Bell Lake 19 State 4H	—
Bell Lake 19 State 4H	—
State 19 #1	—



Sign Off: Russell Joyner