

# Bayswater Exploration and Production, LLC

RKB @ 4825.00usft (Xtreme 18)

Ground Level: 4808.00

## WELL DETAILS

+N/-S	+E/-W	Northing	Ground Level:	Easting	Latitude	Longitude
0.00	0.00	1425196.000	4808.00	3266483.400	40° 29' 47.80290 N	104° 32' 30.47637 W

## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target	Annotation
1	1500.00	14.17	216.75	1488.94	-106.13	-95.90	0.00	0.00	-84.91		Tie In, Begin 1.50°/100' Build & Turn
2	1762.72	18.01	213.47	1741.33	-165.79	-137.55	1.50	-14.93	-135.09		Hold 18.01° Inc at 213.47° Azm
3	5204.41	18.01	213.47	5014.46	-1053.29	-724.21	0.00	0.00	-888.03		Begin 2.00°/100' Drop
4	6104.69	0.00	0.00	5900.00	-1170.33	-801.58	2.00	180.00	-987.33		Begin Vertical Hold
5	6436.73	0.00	0.00	6232.04	-1170.33	-801.58	0.00	0.00	-987.33		KOP, Begin 10.00°/100' Build
6	7336.73	90.00	0.70	6805.00	-597.41	-794.58	10.00	0.70	-427.28		LP, Hold 90.00° Inc at 0.70° Azm
7	9250.00	90.00	0.70	6805.00	1315.71	-771.21	0.00	0.00	1442.90		Begin 2.00°/100' Build
8	9274.60	90.49	0.70	6804.89	1340.31	-770.91	2.00	-0.33	1466.95		Hold 90.49° Inc
9	11590.76	90.49	0.70	6785.00	3656.21	-742.73	0.00	0.00	3730.89	BHLv2-Albrighton B-10HC	TD at 11590.76'

## DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
BHLv2-Albrighton B-10HC	6785.00	3656.21	-742.73	1428843.970	3265701.210	40° 30' 23.93277 N	104° 32' 40.09191 W	Point
LPv2-Albrighton B-10HC	6805.00	-597.42	-794.59	1424590.030	3265695.310	40° 29' 41.89919 N	104° 32' 40.76160 W	Point

Project: Weld County, CO (NAD83)

Site: Albrighton

Well: B-10HC

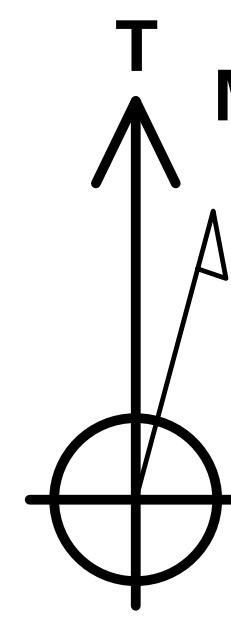
Wellbore: OH / Job #60804

Design: Plan 5 02-08-17

Rig: Xtreme 18



**PHOENIX**  
TECHNOLOGY SERVICES



Azimuths to True North  
Magnetic North: 8.03°

Magnetic Field  
Strength: 52415.5snT  
Dip Angle: 67.03°  
Date: 2/15/2017  
Model: HDGM

Map System: US State Plane 1983  
Datum: North American Datum 1983  
Ellipsoid: GRS 1980  
Zone Name: Colorado Northern Zone

Local Origin: Well B-10HC, True North

Latitude: 40° 29' 47.80290 N  
Longitude: 104° 32' 30.47637 W

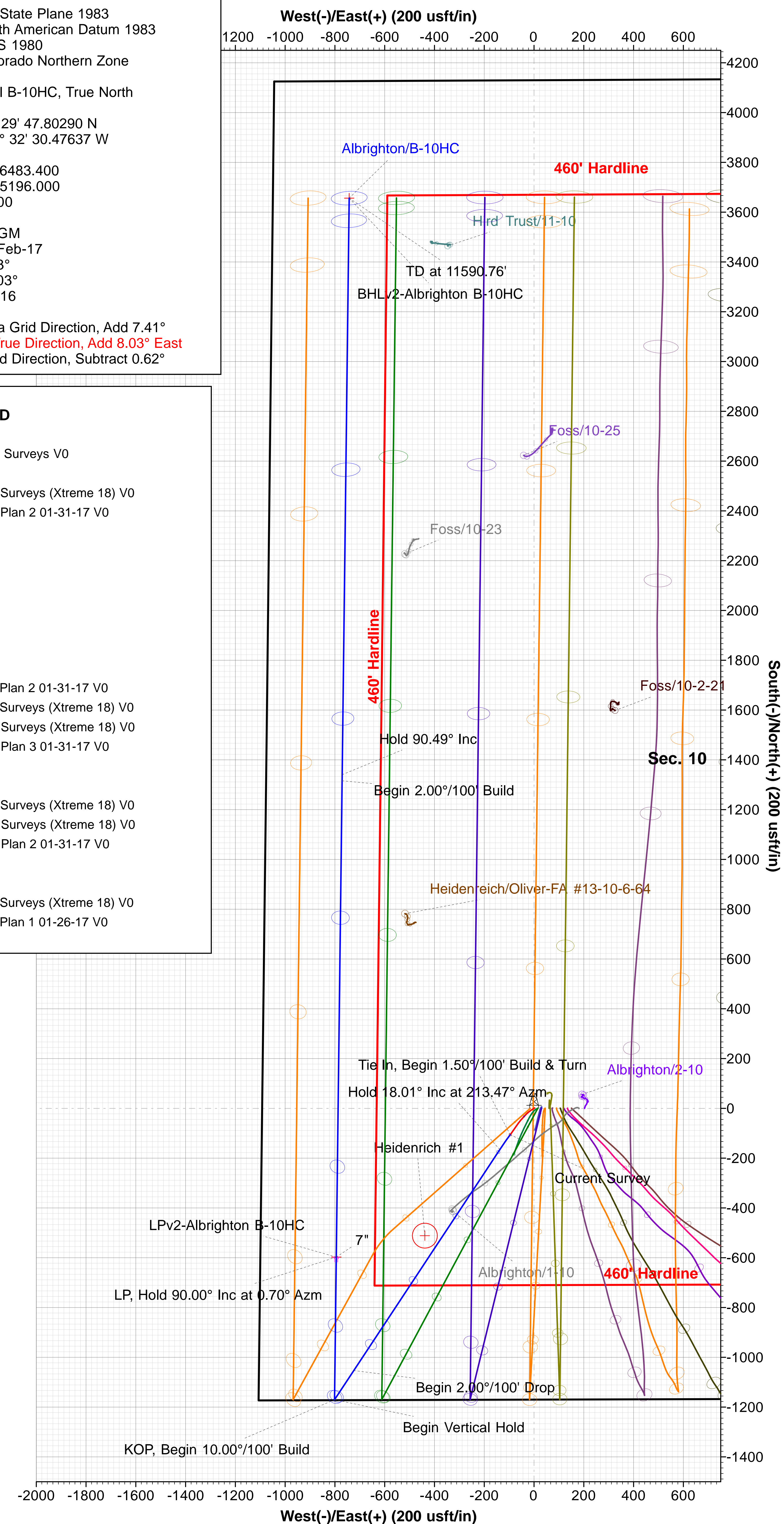
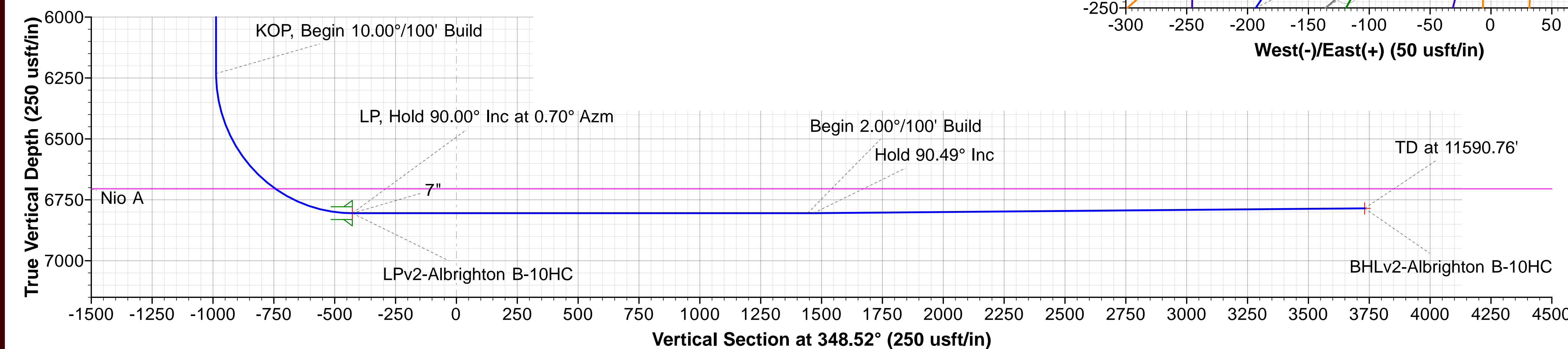
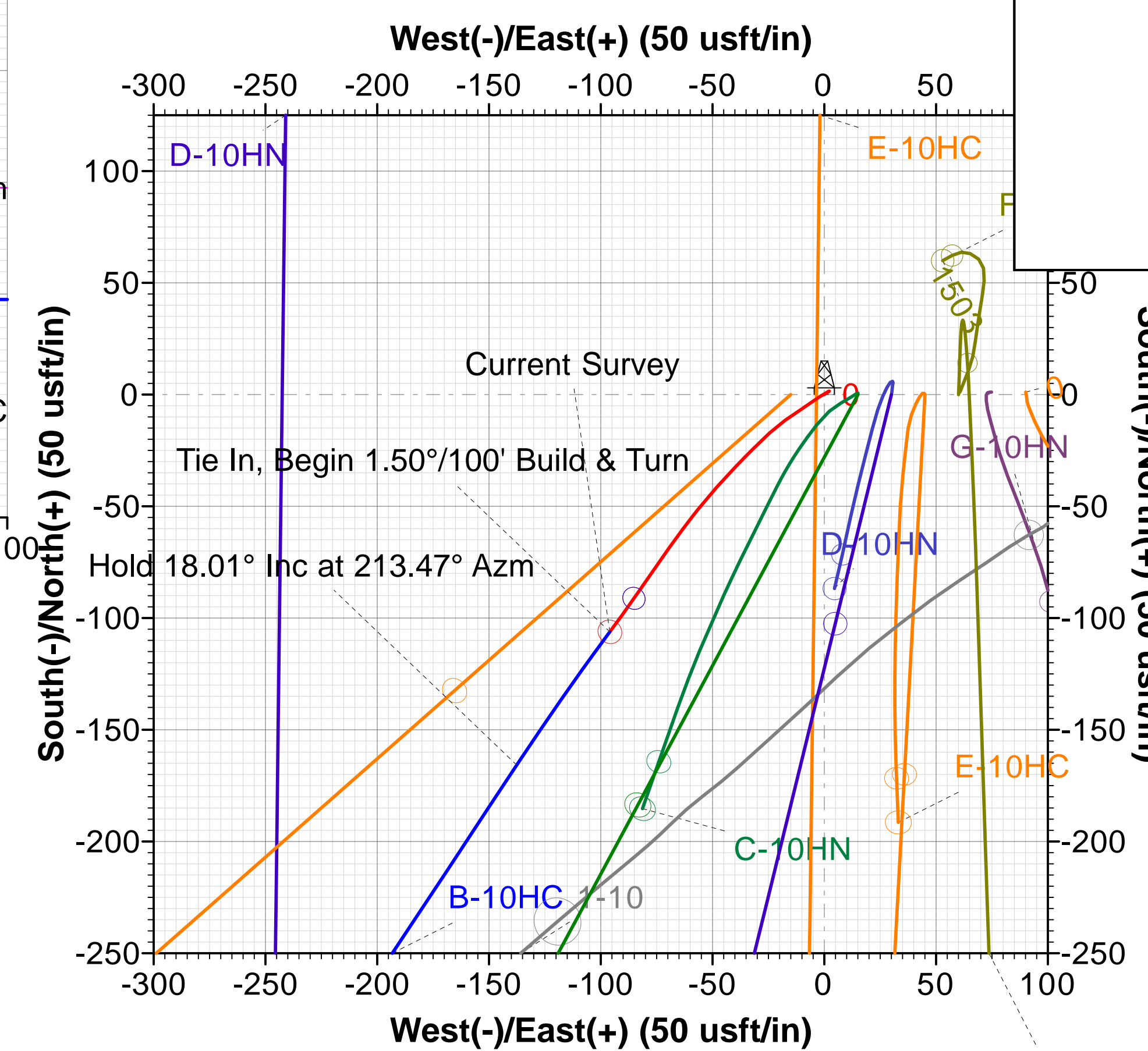
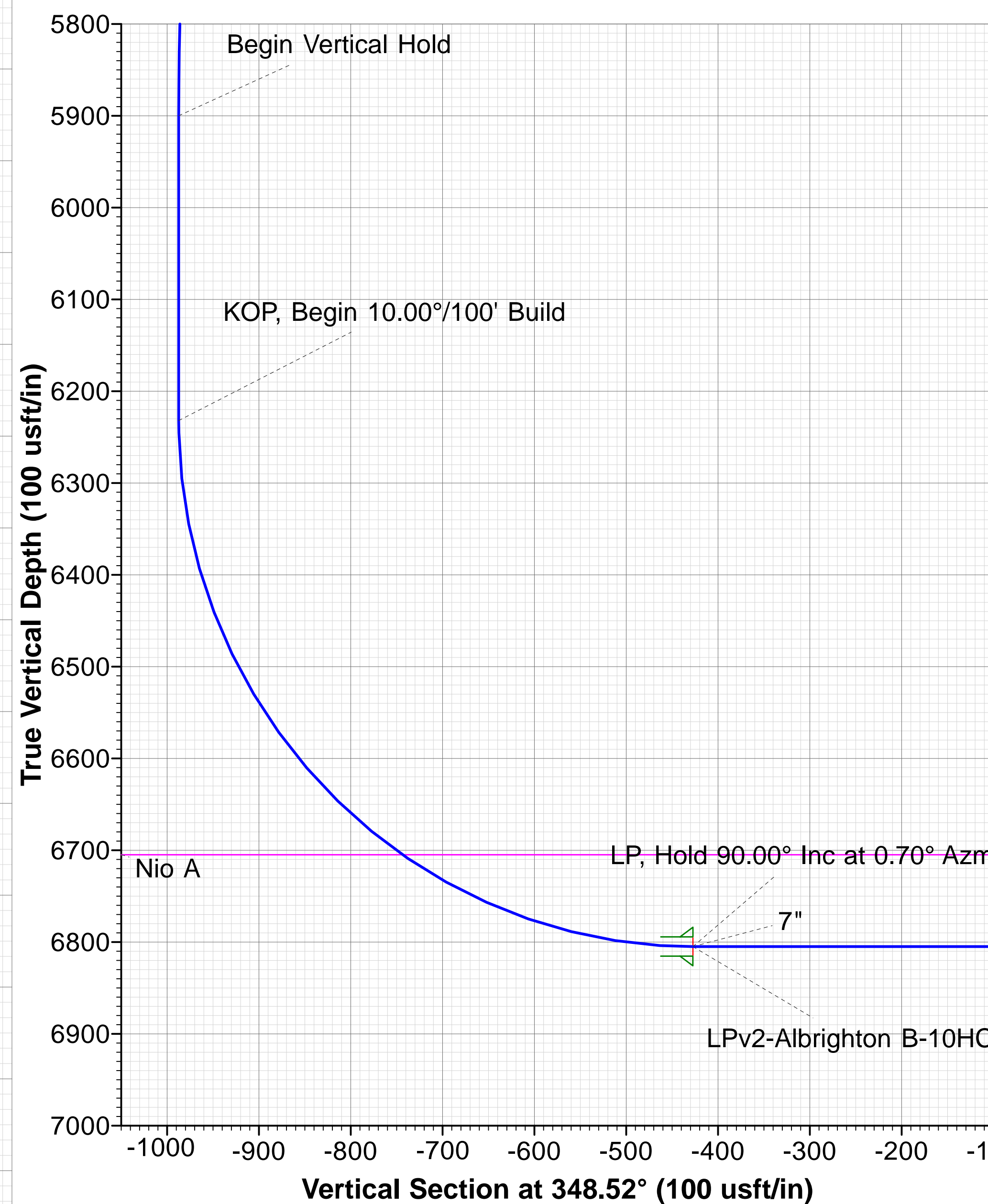
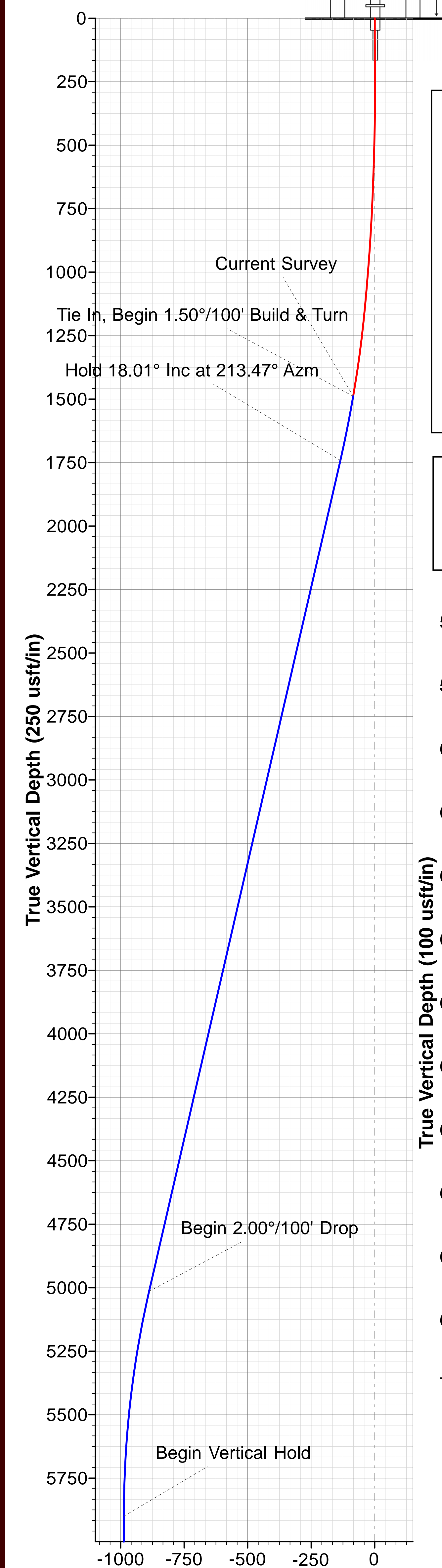
Grid East: 3266483.400  
Grid North: 1425196.000  
Scale Factor: 1.000

Geomagnetic Model: HDGM  
Sample Date: 15-Feb-17  
Magnetic Declination: 8.03°  
Dip Angle from Horizontal: 67.03°  
Magnetic Field Strength: 52416

To convert a Magnetic Direction to a Grid Direction, Add 7.41°  
To convert a Magnetic Direction to a True Direction, Add 8.03° East  
To convert a True Direction to a Grid Direction, Subtract 0.62°

## LEGEND

- Oliver-FA #13-10-6-64, OH, Surveys V0
- J-10HN, OH, Surveys V0
- E-10HC, OH / Job #60807, Surveys (Xtreme 18) V0
- E-10HC, OH / Job #60807, Plan 2 01-31-17 V0
- 10-23, OH, Surveys V0
- L-10HN, OH, Surveys V0
- K-10HC, OH, Surveys V0
- H-10HC, OH, Surveys V0
- I-10HN, OH, Surveys V0
- G-10HN, OH, Surveys V0
- 1-10, OH, Surveys V0
- 10-2-21, OH, Surveys V0
- F-10HN, OH / Job #60808, Plan 2 01-31-17 V0
- F-10HN, OH / Job #60808, Surveys (Xtreme 18) V0
- C-10HN, OH / Job #60805, Surveys (Xtreme 18) V0
- C-10HN, OH / Job #60805, Plan 3 01-31-17 V0
- 10-2, OH, Surveys V0
- 11-10, OH, Surveys V0
- B-10HC, OH / Job #60804, Surveys (Xtreme 18) V0
- D-10HN, OH / Job #60806, Surveys (Xtreme 18) V0
- D-10HN, OH / Job #60806, Plan 2 01-31-17 V0
- 10-25, OH, Surveys V0
- 2-10, OH, Surveys V0
- A-10HN, OH / Job #60803, Surveys (Xtreme 18) V0
- A-10HN, OH / Job #60803, Plan 1 01-26-17 V0
- Plan 5 02-08-17





# **Bayswater Exploration & Production, LLC**

**Weld County, CO (NAD83)**

**Albrighton**

**B-10HC**

**OH / Job #60804**

**Plan: Plan 5 02-08-17**

## **Standard Planning Report**

**08 February, 2017**



# Phoenix Technology Services LP

## Planning Report



<b>Database:</b>	Compass 5000 RMR	<b>Local Co-ordinate Reference:</b>	Well B-10HC
<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>TVD Reference:</b>	RKB @ 4825.00usft (Xtreme 18)
<b>Project:</b>	Weld County, CO (NAD83)	<b>MD Reference:</b>	RKB @ 4825.00usft (Xtreme 18)
<b>Site:</b>	Albrighton	<b>North Reference:</b>	True
<b>Well:</b>	B-10HC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH / Job #60804		
<b>Design:</b>	Plan 5 02-08-17		

<b>Project</b>	Weld County, CO (NAD83)		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Northern Zone		

Site	Albrighton					
Site Position:		Northing:	1,425,195.840 usft	Latitude:	40° 29' 47.80293 N	
From:	Map	Easting:	3,266,468.380 usft	Longitude:	104° 32' 30.67081 W	
Position Uncertainty:		0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.62 °

Well	B-10HC					
Well Position	+N/-S	0.00 usft	Northing:	1,425,196.000 usft	Latitude:	40° 29' 47.80291 N
	+E/-W	15.02 usft	Easting:	3,266,483.400 usft	Longitude:	104° 32' 30.47637 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	0.00 usft	Ground Level:	4,808.00 usft

<b>Wellbore</b>	OH / Job #60804				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	HDGM	2/15/2017	8.03	67.03	52,416

<b>Design</b>	Plan 5 02-08-17			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	1,500.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.00	0.00	0.00	348.52

<b>Plan Sections</b>										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
1,500.00	14.17	216.75	1,488.94	-106.13	-95.90	0.00	0.00	0.00	0.00	
1,762.72	18.01	213.47	1,741.33	-165.79	-137.55	1.50	1.46	-1.25	-14.93	
5,204.41	18.01	213.47	5,014.46	-1,053.29	-724.21	0.00	0.00	0.00	0.00	
6,104.70	0.00	0.00	5,900.00	-1,170.33	-801.58	2.00	-2.00	0.00	180.00	
6,436.74	0.00	0.00	6,232.04	-1,170.33	-801.58	0.00	0.00	0.00	0.00	
7,336.74	90.00	0.70	6,805.00	-597.41	-794.58	10.00	10.00	0.00	0.70	
9,250.00	90.00	0.70	6,805.00	1,315.71	-771.21	0.00	0.00	0.00	0.00	
9,274.60	90.49	0.70	6,804.89	1,340.31	-770.91	2.00	2.00	-0.01	-0.33	
11,590.76	90.49	0.70	6,785.00	3,656.21	-742.73	0.00	0.00	0.00	0.00	BHLv2-Albrighton B-1

# Phoenix Technology Services LP

## Planning Report



<b>Database:</b>	Compass 5000 RMR	<b>Local Co-ordinate Reference:</b>	Well B-10HC
<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>TVD Reference:</b>	RKB @ 4825.00usft (Xtreme 18)
<b>Project:</b>	Weld County, CO (NAD83)	<b>MD Reference:</b>	RKB @ 4825.00usft (Xtreme 18)
<b>Site:</b>	Albrighton	<b>North Reference:</b>	True
<b>Well:</b>	B-10HC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH / Job #60804		
<b>Design:</b>	Plan 5 02-08-17		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,500.00	14.17	216.75	1,488.94	-106.13	-95.90	-84.91	0.00	0.00	0.00
<b>Tie In, Begin 1.50°/100' Build &amp; Turn - Heidenrich #1</b>									
1,600.00	15.62	215.31	1,585.57	-126.93	-111.01	-102.29	1.50	1.45	-1.44
1,700.00	17.09	214.12	1,681.52	-150.08	-127.04	-121.78	1.50	1.46	-1.20
1,762.72	18.01	213.47	1,741.33	-165.79	-137.55	-135.09	1.50	1.47	-1.04
<b>Hold 18.01° Inc at 213.47° Azm</b>									
1,800.00	18.01	213.47	1,776.78	-175.40	-143.91	-143.25	0.00	0.00	0.00
1,900.00	18.01	213.47	1,871.88	-201.19	-160.95	-165.12	0.00	0.00	0.00
2,000.00	18.01	213.47	1,966.99	-226.98	-178.00	-187.00	0.00	0.00	0.00
2,100.00	18.01	213.47	2,062.09	-252.76	-195.04	-208.88	0.00	0.00	0.00
2,200.00	18.01	213.47	2,157.19	-278.55	-212.09	-230.75	0.00	0.00	0.00
2,300.00	18.01	213.47	2,252.29	-304.34	-229.14	-252.63	0.00	0.00	0.00
2,400.00	18.01	213.47	2,347.40	-330.12	-246.18	-274.51	0.00	0.00	0.00
2,500.00	18.01	213.47	2,442.50	-355.91	-263.23	-296.39	0.00	0.00	0.00
2,600.00	18.01	213.47	2,537.60	-381.70	-280.27	-318.26	0.00	0.00	0.00
2,700.00	18.01	213.47	2,632.70	-407.48	-297.32	-340.14	0.00	0.00	0.00
2,800.00	18.01	213.47	2,727.81	-433.27	-314.36	-362.02	0.00	0.00	0.00
2,900.00	18.01	213.47	2,822.91	-459.06	-331.41	-383.89	0.00	0.00	0.00
3,000.00	18.01	213.47	2,918.01	-484.84	-348.46	-405.77	0.00	0.00	0.00
3,100.00	18.01	213.47	3,013.11	-510.63	-365.50	-427.65	0.00	0.00	0.00
3,200.00	18.01	213.47	3,108.22	-536.42	-382.55	-449.53	0.00	0.00	0.00
3,300.00	18.01	213.47	3,203.32	-562.20	-399.59	-471.40	0.00	0.00	0.00
3,400.00	18.01	213.47	3,298.42	-587.99	-416.64	-493.28	0.00	0.00	0.00
3,500.00	18.01	213.47	3,393.52	-613.78	-433.68	-515.16	0.00	0.00	0.00
3,600.00	18.01	213.47	3,488.63	-639.56	-450.73	-537.03	0.00	0.00	0.00
3,700.00	18.01	213.47	3,583.73	-665.35	-467.78	-558.91	0.00	0.00	0.00
3,800.00	18.01	213.47	3,678.83	-691.14	-484.82	-580.79	0.00	0.00	0.00
3,900.00	18.01	213.47	3,773.93	-716.92	-501.87	-602.67	0.00	0.00	0.00
4,000.00	18.01	213.47	3,869.04	-742.71	-518.91	-624.54	0.00	0.00	0.00
4,100.00	18.01	213.47	3,964.14	-768.50	-535.96	-646.42	0.00	0.00	0.00
4,200.00	18.01	213.47	4,059.24	-794.28	-553.00	-668.30	0.00	0.00	0.00
4,300.00	18.01	213.47	4,154.34	-820.07	-570.05	-690.17	0.00	0.00	0.00
4,400.00	18.01	213.47	4,249.45	-845.86	-587.10	-712.05	0.00	0.00	0.00
4,500.00	18.01	213.47	4,344.55	-871.65	-604.14	-733.93	0.00	0.00	0.00
4,600.00	18.01	213.47	4,439.65	-897.43	-621.19	-755.81	0.00	0.00	0.00
4,700.00	18.01	213.47	4,534.75	-923.22	-638.23	-777.68	0.00	0.00	0.00
4,800.00	18.01	213.47	4,629.86	-949.01	-655.28	-799.56	0.00	0.00	0.00
4,900.00	18.01	213.47	4,724.96	-974.79	-672.32	-821.44	0.00	0.00	0.00
5,000.00	18.01	213.47	4,820.06	-1,000.58	-689.37	-843.31	0.00	0.00	0.00
5,100.00	18.01	213.47	4,915.16	-1,026.37	-706.42	-865.19	0.00	0.00	0.00
5,200.00	18.01	213.47	5,010.27	-1,052.15	-723.46	-887.07	0.00	0.00	0.00
5,204.41	18.01	213.47	5,014.46	-1,053.29	-724.21	-888.03	0.00	0.00	0.00
<b>Begin 2.00°/100' Drop</b>									
5,300.00	16.09	213.47	5,105.85	-1,076.67	-739.67	-907.87	2.00	-2.00	0.00
5,400.00	14.09	213.47	5,202.39	-1,098.39	-754.03	-926.30	2.00	-2.00	0.00
5,500.00	12.09	213.47	5,299.79	-1,117.29	-766.52	-942.33	2.00	-2.00	0.00
5,600.00	10.09	213.47	5,397.91	-1,133.34	-777.13	-955.95	2.00	-2.00	0.00
5,700.00	8.09	213.47	5,496.65	-1,146.52	-785.84	-967.13	2.00	-2.00	0.00
5,800.00	6.09	213.47	5,595.88	-1,156.83	-792.65	-975.87	2.00	-2.00	0.00
5,900.00	4.09	213.47	5,695.48	-1,164.23	-797.55	-982.16	2.00	-2.00	0.00
6,000.00	2.09	213.47	5,795.33	-1,168.73	-800.53	-985.98	2.00	-2.00	0.00
6,100.00	0.09	213.47	5,895.31	-1,170.33	-801.58	-987.33	2.00	-2.00	0.00
6,104.69	0.00	213.47	5,900.00	-1,170.33	-801.58	-987.33	2.00	-2.00	0.00
<b>Begin Vertical Hold</b>									

# Phoenix Technology Services LP

## Planning Report



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<b>Project:</b>	Weld County, CO (NAD83)	<b>MD Reference:</b>	RKB @ 4825.00usft (Xtreme 18)
<b>Site:</b>	Albrighton	<b>North Reference:</b>	True
<b>Well:</b>	B-10HC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH / Job #60804		
<b>Design:</b>	Plan 5 02-08-17		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,436.73	0.00	0.00	6,232.04	-1,170.33	-801.58	-987.33	0.00	0.00	0.00
<b>KOP, Begin 10.00°/100' Build</b>									
6,500.00	6.33	0.70	6,295.18	-1,166.84	-801.54	-983.92	10.00	10.00	0.00
6,600.00	16.33	0.70	6,393.10	-1,147.23	-801.30	-964.75	10.00	10.00	0.00
6,700.00	26.33	0.70	6,486.14	-1,110.91	-800.85	-929.24	10.00	10.00	0.00
6,800.00	36.33	0.70	6,571.45	-1,058.99	-800.22	-878.49	10.00	10.00	0.00
6,900.00	46.33	0.70	6,646.45	-993.04	-799.41	-814.02	10.00	10.00	0.00
6,993.10	55.64	0.70	6,705.00	-920.79	-798.53	-743.40	10.00	10.00	0.00
<b>Nio A</b>									
7,000.00	56.33	0.70	6,708.86	-915.07	-798.46	-737.80	10.00	10.00	0.00
7,100.00	66.33	0.70	6,756.78	-827.45	-797.39	-652.15	10.00	10.00	0.00
7,200.00	76.33	0.70	6,788.76	-732.85	-796.23	-559.67	10.00	10.00	0.00
7,300.00	86.33	0.70	6,803.82	-634.12	-795.03	-463.16	10.00	10.00	0.00
7,336.73	90.00	0.70	6,805.00	-597.42	-794.58	-427.28	10.00	10.00	0.00
<b>LP, Hold 90.00° Inc at 0.70° Azm - 7" - LPv2-Albrighton B-10HC - LP-Albrighton B-10HC</b>									
7,400.00	90.00	0.70	6,805.00	-534.15	-793.81	-365.44	0.00	0.00	0.00
7,500.00	90.00	0.70	6,805.00	-434.16	-792.59	-267.69	0.00	0.00	0.00
7,600.00	90.00	0.70	6,805.00	-334.17	-791.36	-169.94	0.00	0.00	0.00
7,700.00	90.00	0.70	6,805.00	-234.18	-790.14	-72.19	0.00	0.00	0.00
7,800.00	90.00	0.70	6,805.00	-134.18	-788.92	25.56	0.00	0.00	0.00
7,900.00	90.00	0.70	6,805.00	-34.19	-787.70	123.30	0.00	0.00	0.00
8,000.00	90.00	0.70	6,805.00	65.80	-786.48	221.05	0.00	0.00	0.00
8,100.00	90.00	0.70	6,805.00	165.79	-785.26	318.80	0.00	0.00	0.00
8,200.00	90.00	0.70	6,805.00	265.79	-784.03	416.55	0.00	0.00	0.00
8,300.00	90.00	0.70	6,805.00	365.78	-782.81	514.30	0.00	0.00	0.00
8,400.00	90.00	0.70	6,805.00	465.77	-781.59	612.04	0.00	0.00	0.00
8,500.00	90.00	0.70	6,805.00	565.76	-780.37	709.79	0.00	0.00	0.00
8,600.00	90.00	0.70	6,805.00	665.76	-779.15	807.54	0.00	0.00	0.00
8,700.00	90.00	0.70	6,805.00	765.75	-777.93	905.29	0.00	0.00	0.00
8,800.00	90.00	0.70	6,805.00	865.74	-776.70	1,003.03	0.00	0.00	0.00
8,900.00	90.00	0.70	6,805.00	965.73	-775.48	1,100.78	0.00	0.00	0.00
9,000.00	90.00	0.70	6,805.00	1,065.73	-774.26	1,198.53	0.00	0.00	0.00
9,100.00	90.00	0.70	6,805.00	1,165.72	-773.04	1,296.28	0.00	0.00	0.00
9,200.00	90.00	0.70	6,805.00	1,265.71	-771.82	1,394.03	0.00	0.00	0.00
9,250.00	90.00	0.70	6,805.00	1,315.71	-771.21	1,442.90	0.00	0.00	0.00
<b>Begin 2.00°/100' Build</b>									
9,274.60	90.49	0.70	6,804.89	1,340.31	-770.91	1,466.95	2.00	2.00	-0.01
<b>Hold 90.49° Inc</b>									
9,300.00	90.49	0.70	6,804.67	1,365.70	-770.60	1,491.77	0.00	0.00	0.00
9,400.00	90.49	0.70	6,803.82	1,465.69	-769.38	1,589.52	0.00	0.00	0.00
9,500.00	90.49	0.70	6,802.96	1,565.68	-768.16	1,687.26	0.00	0.00	0.00
9,600.00	90.49	0.70	6,802.10	1,665.67	-766.95	1,785.01	0.00	0.00	0.00
9,700.00	90.49	0.70	6,801.24	1,765.66	-765.73	1,882.75	0.00	0.00	0.00
9,800.00	90.49	0.70	6,800.38	1,865.65	-764.51	1,980.50	0.00	0.00	0.00
9,900.00	90.49	0.70	6,799.52	1,965.64	-763.30	2,078.25	0.00	0.00	0.00
10,000.00	90.49	0.70	6,798.66	2,065.62	-762.08	2,175.99	0.00	0.00	0.00
10,100.00	90.49	0.70	6,797.80	2,165.61	-760.86	2,273.74	0.00	0.00	0.00
10,200.00	90.49	0.70	6,796.94	2,265.60	-759.65	2,371.48	0.00	0.00	0.00
10,300.00	90.49	0.70	6,796.09	2,365.59	-758.43	2,469.23	0.00	0.00	0.00
10,400.00	90.49	0.70	6,795.23	2,465.58	-757.21	2,566.97	0.00	0.00	0.00
10,500.00	90.49	0.70	6,794.37	2,565.57	-756.00	2,664.72	0.00	0.00	0.00
10,600.00	90.49	0.70	6,793.51	2,665.56	-754.78	2,762.46	0.00	0.00	0.00
10,700.00	90.49	0.70	6,792.65	2,765.55	-753.56	2,860.21	0.00	0.00	0.00

# Phoenix Technology Services LP

## Planning Report



<b>Database:</b>	Compass 5000 RMR	<b>Local Co-ordinate Reference:</b>	Well B-10HC
<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>TVD Reference:</b>	RKB @ 4825.00usft (Xtreme 18)
<b>Project:</b>	Weld County, CO (NAD83)	<b>MD Reference:</b>	RKB @ 4825.00usft (Xtreme 18)
<b>Site:</b>	Albrighton	<b>North Reference:</b>	True
<b>Well:</b>	B-10HC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH / Job #60804		
<b>Design:</b>	Plan 5 02-08-17		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
10,800.00	90.49	0.70	6,791.79	2,865.54	-752.35	2,957.95	0.00	0.00	0.00	
10,900.00	90.49	0.70	6,790.93	2,965.52	-751.13	3,055.70	0.00	0.00	0.00	
11,000.00	90.49	0.70	6,790.07	3,065.51	-749.91	3,153.44	0.00	0.00	0.00	
11,100.00	90.49	0.70	6,789.22	3,165.50	-748.70	3,251.19	0.00	0.00	0.00	
11,200.00	90.49	0.70	6,788.36	3,265.49	-747.48	3,348.94	0.00	0.00	0.00	
11,300.00	90.49	0.70	6,787.50	3,365.48	-746.26	3,446.68	0.00	0.00	0.00	
11,400.00	90.49	0.70	6,786.64	3,465.47	-745.05	3,544.43	0.00	0.00	0.00	
11,500.00	90.49	0.70	6,785.78	3,565.46	-743.83	3,642.17	0.00	0.00	0.00	
11,588.75	90.49	0.70	6,785.02	3,654.20	-742.75	3,728.92	0.00	0.00	0.00	
<b>BHL-Albrighton B-10HC</b>										
11,590.76	90.49	0.70	6,785.00	3,656.21	-742.73	3,730.89	0.00	0.00	0.00	
<b>TD at 11590.76' - BHLv2-Albrighton B-10HC</b>										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
- hit/miss target										
- Shape										
BHLv2-Albrighton B-10H	0.00	0.00	6,785.00	3,656.21	-742.73	1,428,843.970	3,265,701.210	40° 30' 23.93277 N	104° 32' 40.09191 W	
- plan hits target center										
- Point										
LPv2-Albrighton B-10HC	0.00	0.00	6,805.00	-597.42	-794.59	1,424,590.030	3,265,695.310	40° 29' 41.89919 N	104° 32' 40.76160 W	
- plan misses target center by 0.01usft at 7336.73usft MD (6805.00 TVD, -597.42 N, -794.58 E)										
- Point										

Casing Points						
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")		
7,336.73	6,805.00	7"	7	7-1/2		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
6,993.10	6,705.00	Nio A		0.00	348.52	

# Phoenix Technology Services LP

## Planning Report



<b>Database:</b>	Compass 5000 RMR	<b>Local Co-ordinate Reference:</b>	Well B-10HC
<b>Company:</b>	Bayswater Exploration & Production, LLC	<b>TVD Reference:</b>	RKB @ 4825.00usft (Xtreme 18)
<b>Project:</b>	Weld County, CO (NAD83)	<b>MD Reference:</b>	RKB @ 4825.00usft (Xtreme 18)
<b>Site:</b>	Albrighton	<b>North Reference:</b>	True
<b>Well:</b>	B-10HC	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH / Job #60804		
<b>Design:</b>	Plan 5 02-08-17		

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,500.00	1,488.94	-106.13	-95.90	Tie In, Begin 1.50°/100' Build & Turn
1,762.72	1,741.33	-165.79	-137.55	Hold 18.01° Inc at 213.47° Azm
5,204.41	5,014.46	-1,053.29	-724.21	Begin 2.00°/100' Drop
6,104.69	5,900.00	-1,170.33	-801.58	Begin Vertical Hold
6,436.73	6,232.04	-1,170.33	-801.58	KOP, Begin 10.00°/100' Build
7,336.73	6,805.00	-597.42	-794.58	LP, Hold 90.00° Inc at 0.70° Azm
9,250.00	6,805.00	1,315.71	-771.21	Begin 2.00°/100' Build
9,274.60	6,804.89	1,340.31	-770.91	Hold 90.49° Inc
11,590.76	6,785.00	3,656.21	-742.73	TD at 11590.76'