

**5D Survey Report**

30-015-44220

Cimarex Energy

Field Name: *Cimarex Nad 83 NMEZ*
Site Name: *Davinci 7-18 Federal Com 6H*
Well Name: *Davinci 7-18 Federal Com 6H*
Survey: *Definitive survey*

14 November 2017

**Provide Signature Page for
Directional Survey**





Weatherford



Davinci 7-18 Federal Com 6H

Field Name: Cimarex Nad 83 NMEZ	Map Units: US ft		Company Name: Cimarex Energy	
	Vertical Reference Datum (VRD): Mean Sea Level			
	Projected Coordinate System: NAD83 / New Mexico East (ftUS)			
	Comment:			
Site: Davinci 7-18 Federal Com 6H	Units: US ft	North Reference: Grid	Convergence Angle: 0.05	
	Position:	Northing: 419315.44 US ft	Latitude: 32° 9' 9.86"	
		Easting: 572034.16 US ft	Longitude: -104° 14' 2.92"	
	Site TVD Reference: TVD relative to Mean Sea Level			
Elevation above MSL: 3281.30 US ft				
Comment: Eddy Co, New Mexico				
Slot: Davinci 7-18 Federal Com 6H	Position (Relative to Site Centre)			
	+N/-S: 0.00 US ft	Northing: 419315.44 US ft	Latitude: 32°9'9.86"	
	+E/-W: 0.00 US ft	Easting: 572034.16 US ft	Longitude: -104°14'2.92"	
	Elevation above MSL: 3281.30 US ft			
Comment: Eddy Co, New Mexico				
Well: Davinci 7-18 Federal Com 6H	Type: Main well		UWI:	
	File Number:	Comment:		
	Closure Distance: 10654.7 US ft		Closure Azimuth: 184.32°	
	Vertical Section: Position of Origin (Relative to Slot centre)			
+N/-S: -0.00 US ft		+E/-W: 0.00 US ft	Az: 184.29°	

Drill floor: Survey Name: Definitive Survey			
Rig Height (Drill Floor): 26.00us ft	Elevation above MSL: 3307.30us ft	Inclination: 0.00°	Azimuth: 0.00°

Survey Name: Definitive Survey

Date: 21/Sep/2017	Survey Tool: See Survey Tool Ranges below.	Comment:	Company:
--------------------------	--	-----------------	-----------------

Magnetic Model:

Model Name: Surcon	Date: 16/Oct/2017	Field Strength: 47912.0nT	Declination: 7.45°	Dip: 59.94°
---------------------------	--------------------------	-------------------------------------	---------------------------	--------------------

Tie Point:

MD: 0.00 US ft	Inclination: 0.00°	Azimuth: 0.00°	TVD: -0.00 US ft	North Offset: -0.00 US ft	East Offset: 0.00 US ft
-----------------------	------------------------------	-----------------------	----------------------------	-------------------------------------	-----------------------------------

Survey Tool Ranges:

Name	Start MD(usft)	End MD(usft)	Source Survey
MWD + IFR + MS	0.00	1909.00	Extreme 1
MWD + IFR + MS	1909.00	7928.00	Extreme 2
MWD + IFR + MS	7928.00	8458.00	WFT 1 Surcon Corrected Surveys
MWD + IFR + MS	8458.00	15909.00	WFT 2 Surcon Corrected Surveys
MWD + IFR + MS	15909.00	18854.00	WFT 3 Surcon Corrected Surveys

5D Survey Report

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
120.00	1.04	227.09	119.99	-0.58	-0.63	419314.86	572033.53	20 in
435.00	0.96	229.20	434.93	-4.75	-5.62	419310.69	572028.54	13 3/8 in
1990.00	1.21	151.92	1989.12	-29.25	9.34	419286.19	572043.50	9 5/8 in
8877.00	72.72	190.11	8628.09	-661.65	-800.21	418653.79	571233.95	7 in

Wellpath created using minimum curvature.

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)													
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N. Offset (US ft)	E. Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment	Dist to Plan (US ft)	High to Plan (US ft)	Right to Plan (US ft)
0.00	0.00	0.00	-0.00	-0.00	-0.00	0.00	419315.4 4	572034.1 6	0.00		0.00	0.00	0.00
26.00	0.00	0.00	26.00	-0.00	-0.00	0.00	419315.4 4	572034.1 6	0.00		0.00	0.00	0.00
120.00	1.04	227.09	119.99	0.63	-0.58	-0.63	419314.8 6	572033.5 3	1.11	20 in	0.00	-0.00	0.00
173.00	1.63	227.09	172.98	1.53	-1.42	-1.53	419314.0 2	572032.6 3	1.11		0.00	-0.00	0.00
240.00	1.18	243.08	239.96	2.59	-2.38	-2.84	419313.0 6	572031.3 2	0.88		0.00	-0.00	0.00
323.00	1.16	224.86	322.94	3.67	-3.37	-4.20	419312.0 7	572029.9 6	0.45		0.00	-0.00	0.00
389.00	0.95	225.13	388.93	4.59	-4.23	-5.06	419311.2 1	572029.1 0	0.32		0.00	-0.00	0.00
435.00	0.96	229.20	434.93	5.15	-4.75	-5.62	419310.6 9	572028.5 4	0.15	13 3/8 in	0.00	-0.00	-0.00
476.00	0.97	232.76	475.92	5.63	-5.18	-6.16	419310.2 6	572028.0 0	0.15		0.00	-0.00	0.00
564.00	0.92	224.92	563.91	6.66	-6.13	-7.25	419309.3 1	572026.9 1	0.16		0.00	-0.00	0.00
656.00	0.91	232.11	655.90	7.71	-7.10	-8.35	419308.3 4	572025.8 1	0.13		0.00	-0.00	0.00
746.00	0.80	188.31	745.89	8.81	-8.16	-9.00	419307.2 8	572025.1 6	0.72		0.00	-0.00	0.00
840.00	1.33	219.50	839.87	10.36	-9.66	-9.79	419305.7 8	572024.3 7	0.82		0.00	-0.00	0.00
940.00	1.41	223.38	939.84	12.26	-11.45	-11.37	419303.9 9	572022.7 9	0.12		0.00	-0.00	0.00
1028.00	1.34	225.36	1027.82	13.88	-12.96	-12.85	419302.4 8	572021.3 1	0.10		0.00	-0.00	0.00
1124.00	1.24	224.28	1123.79	15.52	-14.49	-14.37	419300.9 5	572019.7 9	0.11		0.00	-0.00	0.00
1217.00	1.11	199.09	1216.77	17.16	-16.06	-15.37	419299.3 8	572018.7 9	0.57		0.00	-0.00	0.00
1312.00	1.19	146.63	1311.76	18.83	-17.75	-15.13	419297.6 9	572019.0 3	1.07		0.00	-0.00	0.00
1406.00	2.21	116.88	1405.72	20.30	-19.39	-12.97	419296.0 5	572021.1 9	1.40		0.00	-0.00	0.00
1501.00	2.26	123.60	1500.64	21.92	-21.25	-9.78	419294.1 9	572024.3 8	0.28		0.00	-0.00	0.00
1595.00	3.48	111.18	1594.53	23.66	-23.31	-5.58	419292.1 3	572028.5 8	1.45		0.00	-0.00	0.00
1690.00	3.43	107.33	1689.35	25.14	-25.20	-0.17	419290.2 4	572033.9 9	0.25		0.00	-0.00	0.00
1784.00	2.96	103.74	1783.21	26.17	-26.61	4.87	419288.8 3	572039.0 3	0.54		0.00	-0.00	0.00
1879.00	1.10	114.29	1878.14	26.89	-27.57	8.08	419287.8 7	572042.2 4	1.99		0.00	-0.00	0.00
1909.00	1.04	143.94	1908.14	27.19	-27.91	8.50	419287.5 3	572042.6 6	1.84		0.00	-0.00	0.00
1990.00	1.21	151.92	1989.12	28.47	-29.25	9.34	419286.1 9	572043.5 0	0.28	9 5/8 in	0.00	0.00	0.00
2014.00	1.26	153.87	2013.12	28.91	-29.71	9.57	419285.7 3	572043.7 3	0.28		0.00	-0.00	0.00
2076.00	1.36	167.02	2075.10	30.21	-31.04	10.04	419284.4 0	572044.2 0	0.51		0.00	-0.00	0.00
2169.00	1.38	163.94	2168.07	32.31	-33.19	10.60	419282.2 5	572044.7 6	0.08		0.00	-0.00	0.00

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)													
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment	Dist to Plan (US ft)	High to Plan (US ft)	Right to Plan (US ft)
2264.00	2.15	206.07	2263.03	35.04	-35.89	10.13	419279.5 5	572044.2 9	1.53		0.00	-0.00	0.00
2361.00	3.35	222.67	2359.92	38.95	-39.61	7.41	419275.8 3	572041.5 7	1.47		0.00	-0.00	0.00
2451.00	4.40	244.49	2449.72	42.73	-43.03	2.51	419272.4 1	572036.6 7	1.99		0.00	-0.00	0.00
2544.00	5.49	252.83	2542.37	46.13	-45.88	-4.96	419269.5 6	572029.2 0	1.40		0.00	-0.00	0.00
2639.00	7.26	253.43	2636.78	49.93	-48.94	-15.06	419266.5 0	572019.1 0	1.86		0.00	-0.00	0.00
2732.00	9.11	253.54	2728.83	54.63	-52.70	-27.75	419262.7 4	572006.4 1	1.99		0.00	-0.00	0.00
2826.00	10.73	253.77	2821.42	60.33	-57.25	-43.29	419258.1 9	571990.8 7	1.72		0.00	-0.00	0.00
2921.00	9.71	252.38	2914.91	66.42	-62.15	-59.42	419253.2 9	571974.7 4	1.10		0.00	-0.00	0.00
3015.00	9.18	250.64	3007.64	72.39	-67.04	-74.05	419248.4 0	571960.1 1	0.64		0.00	-0.00	0.00
3109.00	8.93	250.38	3100.47	78.35	-71.97	-87.99	419243.4 7	571946.1 7	0.27		0.00	-0.00	0.00
3203.00	10.03	253.05	3193.18	84.27	-76.81	-102.69	419238.6 3	571931.4 7	1.26		0.00	-0.00	0.00
3297.00	9.92	252.55	3285.76	90.24	-81.62	-118.25	419233.8 2	571915.9 1	0.15		0.00	-0.00	0.00
3390.00	8.51	251.85	3377.56	95.83	-86.17	-132.43	419229.2 7	571901.7 3	1.52		0.00	-0.00	0.00
3485.00	8.70	253.71	3471.49	101.04	-90.37	-146.01	419225.0 7	571888.1 5	0.35		0.00	-0.00	0.00
3578.00	9.26	256.07	3563.35	105.85	-94.15	-160.02	419221.2 9	571874.1 4	0.72		0.00	-0.00	0.00
3671.00	10.80	255.58	3654.92	110.99	-98.12	-175.72	419217.3 2	571858.4 4	1.66		0.00	-0.00	0.00
3767.00	10.42	254.51	3749.28	116.81	-102.68	-192.80	419212.7 6	571841.3 6	0.45		0.00	-0.00	0.00
3860.00	10.00	252.94	3840.81	122.60	-107.29	-208.62	419208.1 5	571825.5 4	0.54		0.00	-0.00	0.00
3954.00	9.43	251.88	3933.46	128.51	-112.08	-223.74	419203.3 6	571810.4 2	0.64		0.00	-0.00	0.00
4050.00	8.03	250.72	4028.35	134.18	-116.74	-237.55	419198.7 0	571796.6 1	1.47		0.00	-0.00	0.00
4144.00	8.59	251.33	4121.36	139.55	-121.16	-250.40	419194.2 8	571783.7 6	0.60		0.00	-0.00	0.00
4238.00	10.12	252.23	4214.11	145.39	-125.93	-264.91	419189.5 1	571769.2 5	1.64		0.00	-0.00	0.00
4332.00	9.12	250.73	4306.78	151.47	-130.90	-279.81	419184.5 4	571754.3 5	1.10		0.00	-0.00	0.00
4426.00	9.85	249.46	4399.50	157.82	-136.18	-294.37	419179.2 6	571739.7 9	0.81		0.00	-0.00	0.00
4520.00	10.88	248.25	4491.96	165.09	-142.29	-310.14	419173.1 5	571724.0 2	1.12		0.00	-0.00	0.00
4614.00	10.06	247.89	4584.40	172.64	-148.67	-325.99	419166.7 7	571708.1 7	0.88		0.00	-0.00	0.00
4708.00	8.83	246.50	4677.12	179.65	-154.64	-340.21	419160.8 0	571693.9 5	1.33		0.00	-0.00	0.00
4803.00	9.52	250.30	4770.91	186.25	-160.19	-354.29	419155.2 5	571679.8 7	0.97		0.00	-0.00	0.00
4897.00	10.95	248.91	4863.41	193.23	-166.03	-369.94	419149.4 1	571664.2 2	1.54		0.00	-0.00	0.00
4991.00	11.24	247.80	4955.65	201.15	-172.70	-386.75	419142.7 4	571647.4 1	0.38		0.00	-0.00	0.00
5085.00	10.04	246.69	5048.03	209.03	-179.40	-402.76	419136.0 4	571631.4 0	1.30		0.00	-0.00	0.00
5177.00	9.24	244.88	5138.73	216.37	-185.71	-416.81	419129.7 3	571617.3 5	0.93		0.00	-0.00	0.00
5272.00	10.06	249.23	5232.39	223.63	-191.89	-431.48	419123.5 5	571602.6 8	1.15		0.00	-0.00	0.00
5366.00	9.71	250.22	5325.00	230.34	-197.49	-446.61	419117.9 5	571587.5 5	0.41		0.00	-0.00	0.00
5459.00	10.80	251.59	5416.51	236.90	-202.89	-462.26	419112.5 5	571571.9 0	1.20		0.00	-0.00	0.00

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)													
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment	Dist to Plan (US ft)	High to Plan (US ft)	Right to Plan (US ft)
5553.00	11.53	248.21	5508.73	244.43	-209.16	-479.34	419106.2 8	571554.8 2	1.04		0.00	-0.00	0.00
5647.00	9.07	245.45	5601.21	252.14	-215.73	-494.81	419099.7 1	571539.3 5	2.67		0.00	-0.00	0.00
5740.00	8.97	244.94	5693.06	259.23	-221.85	-508.04	419093.5 9	571526.1 2	0.14		0.00	-0.00	0.00
5834.00	8.13	246.33	5786.01	265.94	-227.62	-520.77	419087.8 2	571513.3 9	0.92		0.00	-0.00	0.00
5930.00	9.15	257.47	5880.93	271.33	-232.00	-534.44	419083.4 4	571499.7 2	2.04		0.00	-0.00	0.00
6023.00	9.19	252.85	5972.74	276.18	-235.79	-548.75	419079.6 5	571485.4 1	0.79		0.00	-0.00	0.00
6117.00	9.74	242.59	6065.47	283.11	-241.67	-562.99	419073.7 7	571471.1 7	1.88		0.00	-0.00	0.00
6211.00	8.73	225.16	6158.27	292.68	-250.36	-575.11	419065.0 8	571459.0 5	3.15		0.00	-0.00	0.00
6305.00	7.52	225.02	6251.32	302.74	-259.74	-584.51	419055.7 0	571449.6 5	1.29		0.00	-0.00	0.00
6400.00	6.35	221.45	6345.63	311.63	-268.07	-592.39	419047.3 7	571441.7 7	1.31		0.00	-0.00	0.00
6495.00	6.35	219.21	6440.04	320.13	-276.08	-599.19	419039.3 6	571434.9 7	0.26		0.00	-0.00	0.00
6589.00	5.91	221.12	6533.51	328.26	-283.75	-605.66	419031.6 9	571428.5 0	0.52		0.00	-0.00	0.00
6683.00	5.13	221.75	6627.07	335.47	-290.53	-611.64	419024.9 1	571422.5 2	0.83		0.00	-0.00	0.00
6777.00	4.29	231.90	6720.75	341.18	-295.84	-617.20	419019.6 0	571416.9 6	1.26		0.00	-0.00	0.00
6871.00	3.81	244.01	6814.52	345.13	-299.38	-622.78	419016.0 6	571411.3 8	1.04		0.00	-0.00	0.00
6965.00	2.92	238.88	6908.36	348.09	-301.98	-627.64	419013.4 6	571406.5 2	1.00		0.00	-0.00	0.00
7057.00	2.79	235.03	7000.24	350.86	-304.48	-631.48	419010.9 6	571402.6 8	0.25		0.00	-0.00	0.00
7153.00	3.13	228.07	7096.11	354.23	-307.57	-635.34	419007.8 7	571398.8 2	0.51		0.00	-0.00	0.00
7246.00	2.93	230.08	7188.98	357.72	-310.79	-639.05	419004.6 5	571395.1 1	0.24		0.00	-0.00	0.00
7341.00	2.59	235.98	7283.87	360.75	-313.55	-642.69	419001.8 9	571391.4 7	0.47		0.00	-0.00	0.00
7435.00	2.19	241.65	7377.79	363.03	-315.59	-646.03	418999.8 5	571388.1 3	0.49		0.00	-0.00	0.00
7529.00	1.42	253.38	7471.74	364.42	-316.78	-648.73	418998.6 6	571385.4 3	0.90		0.00	-0.00	0.00
7623.00	1.18	339.04	7565.73	363.96	-316.21	-650.19	418999.2 3	571383.9 7	1.89		0.00	-0.00	0.00
7717.00	1.80	19.35	7659.70	361.66	-313.91	-650.05	419001.5 3	571384.1 1	1.26		0.00	-0.00	0.00
7811.00	2.31	16.48	7753.64	358.38	-310.70	-649.02	419004.7 4	571385.1 4	0.55		0.00	-0.00	0.00
7905.00	2.34	16.32	7847.56	354.65	-307.04	-647.95	419008.4 0	571386.2 1	0.03		0.00	-0.00	0.00
7928.00	2.26	16.90	7870.54	353.75	-306.16	-647.68	419009.2 8	571386.4 8	0.36		0.00	-0.00	0.00
8019.00	2.21	7.59	7961.47	350.25	-302.70	-646.93	419012.7 4	571387.2 3	0.40		0.00	-0.00	0.00
8113.00	2.52	358.70	8055.39	346.38	-298.84	-646.74	419016.6 0	571387.4 2	0.51		0.00	-0.00	0.00
8175.00	1.12	258.09	8117.37	345.19	-297.60	-647.36	419017.8 4	571386.8 0	4.74		0.00	-0.00	0.00
8207.00	3.30	217.57	8149.35	346.05	-298.39	-648.23	419017.0 5	571385.9 3	7.98		0.00	-0.00	0.00
8238.00	6.60	214.47	8180.23	348.34	-300.57	-649.78	419014.8 7	571384.3 8	10.68		0.00	-0.00	0.00
8270.00	9.66	210.92	8211.90	352.33	-304.39	-652.20	419011.0 5	571381.9 6	9.69		0.00	-0.00	0.00
8301.00	12.60	209.59	8242.31	357.71	-309.56	-655.21	419005.8 8	571378.9 5	9.52		0.00	-0.00	0.00
8333.00	16.01	209.35	8273.32	364.86	-316.45	-659.10	418998.9 9	571375.0 6	10.66		0.00	-0.00	0.00

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)														
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (%/100US ft)	Comment	Dist to Plan (US ft)	High to Plan (US ft)	Right to Plan (US ft)	
8364.00	19.32	209.41	8302.85	373.38	-324.64	-663.71	418990.8 0	571370.4 5	10.68		0.00	-0.00	0.00	
8395.00	22.58	209.10	8331.80	383.43	-334.31	-669.13	418981.1 3	571365.0 3	10.52		0.00	-0.00	0.00	
8427.00	26.03	210.93	8360.96	395.29	-345.71	-675.73	418969.7 3	571358.4 3	11.03		0.00	-0.00	0.00	
8458.00	29.28	212.53	8388.41	408.05	-357.94	-683.30	418957.5 0	571350.8 6	10.75		0.00	-0.00	0.00	
8489.00	32.22	214.03	8415.05	421.91	-371.18	-692.00	418944.2 6	571342.1 6	9.80		0.00	-0.00	0.00	
8519.00	35.32	213.23	8439.99	436.44	-385.07	-701.23	418930.3 7	571332.9 3	10.44		0.00	-0.00	0.00	
8550.00	38.85	212.50	8464.71	452.86	-400.77	-711.37	418914.6 7	571322.7 9	11.48		0.00	-0.00	0.00	
8581.00	42.65	209.80	8488.20	470.91	-418.09	-721.82	418897.3 5	571312.3 4	13.51		0.00	-0.00	0.00	
8612.00	47.70	206.29	8510.05	491.04	-437.50	-732.12	418877.9 4	571302.0 4	18.16		0.00	-0.00	0.00	
8644.00	52.54	203.83	8530.56	513.99	-459.74	-742.50	418855.7 0	571291.6 6	16.23		0.00	-0.00	0.00	
8675.00	58.08	201.08	8548.20	538.21	-483.29	-752.22	418832.1 5	571281.9 4	19.30		0.00	-0.00	0.00	
8706.00	61.63	198.80	8563.77	564.02	-508.49	-761.35	418806.9 5	571272.8 1	13.10		0.00	-0.00	0.00	
8738.00	64.69	197.17	8578.21	591.75	-535.64	-770.16	418779.8 0	571264.0 0	10.59		0.00	-0.00	0.00	
8758.00	66.45	196.18	8586.48	609.54	-553.09	-775.38	418762.3 5	571258.7 8	9.89		0.00	-0.00	0.00	
8861.00	71.78	190.50	8623.22	704.50	-646.66	-797.48	418668.7 8	571236.6 8	7.30		0.00	-0.00	0.00	
8877.00	72.72	190.11	8628.09	719.66	-661.65	-800.21	418653.7 9	571233.9 5	6.32	7 in	0.00	-0.00	0.00	
8893.00	73.66	189.72	8632.72	734.90	-676.74	-802.84	418638.7 0	571231.3 2	6.32		0.00	-0.00	0.00	
8910.00	74.22	189.29	8637.42	751.17	-692.85	-805.54	418622.5 9	571228.6 2	4.11	FTP (8910' MD)	0.00	0.00	0.00	
8924.00	74.69	188.94	8641.17	764.61	-706.17	-807.68	418609.2 7	571226.4 8	4.11		0.00	-0.00	0.00	
8955.00	75.51	188.08	8649.15	794.48	-735.80	-812.11	418579.6 4	571222.0 5	3.77		0.00	-0.00	0.00	
8987.00	76.66	186.51	8656.84	825.50	-766.60	-816.05	418548.8 4	571218.1 1	5.97		0.00	-0.00	0.00	
9018.00	77.80	185.24	8663.69	855.72	-796.68	-819.15	418518.7 6	571215.0 1	5.43		0.00	-0.00	0.00	
9049.00	78.81	183.95	8669.98	886.08	-826.94	-821.58	418488.5 0	571212.5 8	5.22		0.00	-0.00	0.00	
9080.00	79.25	182.14	8675.88	916.50	-857.32	-823.20	418458.1 2	571210.9 6	5.91		0.00	-0.00	0.00	
9112.00	79.75	180.41	8681.71	947.92	-888.78	-823.90	418426.6 6	571210.2 6	5.54		0.00	-0.00	0.00	
9143.00	80.51	179.08	8687.02	978.36	-919.32	-823.76	418396.1 2	571210.4 0	4.89		0.00	-0.00	0.00	
9174.00	81.88	178.51	8691.77	1008.86	-949.95	-823.11	418365.4 9	571211.0 5	4.78		0.00	-0.00	0.00	
9206.00	83.56	178.31	8695.82	1040.43	-981.68	-822.23	418333.7 6	571211.9 3	5.29		0.00	-0.00	0.00	
9237.00	85.24	178.35	8698.85	1071.12	-1012.51	-821.33	418302.9 3	571212.8 3	5.42		0.00	-0.00	0.00	
9268.00	86.35	178.09	8701.12	1101.86	-1043.41	-820.37	418272.0 3	571213.7 9	3.68		0.00	-0.00	0.00	
9299.00	86.72	177.56	8702.99	1132.60	-1074.33	-819.20	418241.1 1	571214.9 6	2.08		0.00	-0.00	0.00	
9331.00	87.71	176.93	8704.55	1164.33	-1106.26	-817.66	418209.1 8	571216.5 0	3.67		0.00	-0.00	0.00	
9362.00	89.38	176.09	8705.34	1195.03	-1137.19	-815.78	418178.2 5	571218.3 8	6.03		0.00	-0.00	0.00	
9425.00	90.37	175.72	8705.47	1257.35	-1200.03	-811.28	418115.4 1	571222.8 8	1.68		0.00	-0.00	0.00	
9519.00	89.69	174.98	8705.43	1350.21	-1293.72	-803.66	418021.7 2	571230.5 0	1.07		0.00	-0.00	0.00	

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)													
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N. Offset (US ft)	E. Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment	Dist to Plan (US ft)	High to Plan (US ft)	Right to Plan (US ft)
9613.00	89.32	175.56	8706.24	1443.04	-1387.39	-795.91	417928.0 5	571238.2 5	0.73		0.00	-0.00	0.00
9706.00	89.38	177.97	8707.29	1535.23	-1480.23	-790.66	417835.2 1	571243.5 0	2.59		0.00	-0.00	0.00
9799.00	89.20	179.51	8708.44	1627.78	-1573.20	-788.61	417742.2 4	571245.5 5	1.67		0.00	-0.00	0.00
9893.00	89.44	180.31	8709.56	1721.50	-1667.19	-788.47	417648.2 5	571245.6 9	0.89		0.00	-0.00	0.00
9987.00	89.38	180.75	8710.53	1815.30	-1761.18	-789.34	417554.2 6	571244.8 2	0.47		0.00	-0.00	0.00
10082.00	89.01	181.29	8711.86	1910.13	-1856.16	-791.03	417459.2 8	571243.1 3	0.69		0.00	-0.00	0.00
10176.00	89.26	181.14	8713.28	2003.98	-1950.13	-793.02	417365.3 1	571241.1 4	0.31		0.00	-0.00	0.00
10270.00	89.01	179.61	8714.70	2097.75	-2044.11	-793.64	417271.3 3	571240.5 2	1.65		0.00	-0.00	0.00
10364.00	88.83	179.29	8716.47	2191.40	-2138.09	-792.73	417177.3 5	571241.4 3	0.39		0.00	-0.00	0.00
10459.00	89.26	179.76	8718.06	2286.06	-2233.07	-791.95	417082.3 7	571242.2 1	0.67		0.00	-0.00	0.00
10553.00	89.44	181.36	8719.12	2379.85	-2327.06	-792.86	416988.3 8	571241.3 0	1.71		0.00	-0.00	0.00
10648.00	89.14	182.46	8720.30	2474.76	-2422.00	-796.03	416893.4 4	571238.1 3	1.20		0.00	-0.00	0.00
10742.00	89.69	181.38	8721.26	2568.67	-2515.94	-799.18	416799.5 0	571234.9 8	1.29		0.00	-0.00	0.00
10836.00	89.69	178.49	8721.77	2662.39	-2609.93	-799.07	416705.5 1	571235.0 9	3.07		0.00	-0.00	0.00
10930.00	89.07	178.90	8722.79	2755.94	-2703.90	-796.93	416611.5 4	571237.2 3	0.79		0.00	-0.00	0.00
11024.00	89.44	179.07	8724.01	2849.52	-2797.87	-795.27	416517.5 7	571238.8 9	0.43		0.00	-0.00	0.00
11118.00	90.06	178.81	8724.42	2943.11	-2891.86	-793.53	416423.5 8	571240.6 3	0.72		0.00	-0.00	0.00
11212.00	89.14	178.85	8725.07	3036.68	-2985.83	-791.61	416329.6 1	571242.5 5	0.98		0.00	-0.00	0.00
11306.00	89.07	180.01	8726.54	3130.33	-3079.82	-790.67	416235.6 2	571243.4 9	1.24		0.00	-0.00	0.00
11401.00	90.49	181.66	8726.91	3225.15	-3174.80	-792.06	416140.6 4	571242.1 0	2.29		0.00	-0.00	0.00
11495.00	91.11	181.32	8725.60	3319.03	-3268.76	-794.50	416046.6 8	571239.6 6	0.75		0.00	-0.00	0.00
11589.00	90.25	180.26	8724.48	3412.85	-3362.74	-795.80	415952.7 0	571238.3 6	1.45		0.00	-0.00	0.00
11683.00	89.69	179.43	8724.53	3506.56	-3456.74	-795.54	415858.7 0	571238.6 2	1.07		0.00	-0.00	0.00
11777.00	90.93	179.93	8724.02	3600.26	-3550.73	-795.02	415764.7 1	571239.1 4	1.42		0.00	-0.00	0.00
11871.00	90.80	179.50	8722.60	3693.95	-3644.72	-794.55	415670.7 2	571239.6 1	0.48		0.00	-0.00	0.00
11964.00	91.30	179.52	8720.90	3786.61	-3737.70	-793.76	415577.7 4	571240.4 0	0.54		0.00	-0.00	0.00
12058.00	91.79	178.87	8718.36	3880.20	-3831.66	-792.44	415483.7 8	571241.7 2	0.87		0.00	-0.00	0.00
12152.00	91.42	178.80	8715.73	3973.74	-3925.60	-790.53	415389.8 4	571243.6 3	0.40		0.00	-0.00	0.00
12246.00	91.36	180.23	8713.45	4067.38	-4019.57	-789.73	415295.8 7	571244.4 3	1.52		0.00	-0.00	0.00
12339.00	90.99	180.57	8711.54	4160.15	-4112.55	-790.38	415202.8 9	571243.7 8	0.54		0.00	-0.00	0.00
12433.00	90.93	179.61	8709.97	4253.88	-4206.53	-790.53	415108.9 1	571243.6 3	1.02		0.00	-0.00	0.00
12527.00	90.00	180.06	8709.20	4347.59	-4300.53	-790.26	415014.9 1	571243.9 0	1.10		0.00	-0.00	0.00
12621.00	90.25	181.31	8709.00	4441.40	-4394.52	-791.38	414920.9 2	571242.7 8	1.36		0.00	-0.00	0.00
12715.00	90.80	181.14	8708.14	4535.26	-4488.49	-793.39	414826.9 5	571240.7 7	0.61		0.00	-0.00	0.00
12809.00	90.74	180.39	8706.87	4629.08	-4582.47	-794.65	414732.9 7	571239.5 1	0.80		0.00	-0.00	0.00

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)													
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment	Dist to Plan (US ft)	High to Plan (US ft)	Right to Plan (US ft)
12903.00	90.43	179.85	8705.91	4722.82	-4676.47	-794.84	414638.9 7	571239.3 2	0.66		0.00	-0.00	0.00
12995.00	89.38	179.16	8706.07	4814.50	-4768.46	-794.05	414546.9 8	571240.1 1	1.37		0.00	-0.00	0.00
13090.00	90.68	179.41	8706.02	4909.14	-4863.45	-792.86	414451.9 9	571241.3 0	1.39		0.00	-0.00	0.00
13183.00	87.71	178.32	8707.32	5001.70	-4956.41	-791.02	414359.0 3	571243.1 4	3.40		0.00	-0.00	0.00
13277.00	90.19	180.23	8709.05	5095.31	-5050.38	-789.83	414265.0 6	571244.3 3	3.33		0.00	-0.00	0.00
13371.00	88.39	180.41	8710.21	5189.08	-5144.37	-790.36	414171.0 7	571243.8 0	1.92		0.00	-0.00	0.00
13465.00	91.42	181.80	8710.37	5282.92	-5238.34	-792.17	414077.1 0	571241.9 9	3.55		0.00	-0.00	0.00
13559.00	90.68	180.19	8708.64	5376.74	-5332.30	-793.80	413983.1 4	571240.3 6	1.88		0.00	-0.00	0.00
13653.00	90.06	179.98	8708.04	5470.49	-5426.30	-793.94	413889.1 4	571240.2 2	0.70		0.00	-0.00	0.00
13747.00	89.07	181.14	8708.75	5564.28	-5520.29	-794.86	413795.1 5	571239.3 0	1.62		0.00	-0.00	0.00
13842.00	88.70	182.07	8710.60	5659.16	-5615.23	-797.52	413700.2 1	571236.6 4	1.05		0.00	-0.00	0.00
13936.00	90.43	183.22	8711.31	5753.11	-5709.13	-801.86	413606.3 1	571232.3 0	2.21		0.00	-0.00	0.00
14030.00	89.51	182.75	8711.36	5847.09	-5803.00	-806.75	413512.4 4	571227.4 1	1.10		0.00	-0.00	0.00
14125.00	88.83	182.52	8712.74	5942.04	-5897.89	-811.12	413417.5 5	571223.0 4	0.76		0.00	-0.00	0.00
14219.00	88.76	181.35	8714.72	6035.93	-5991.81	-814.29	413323.6 3	571219.8 7	1.25		0.00	-0.00	0.00
14312.00	89.26	180.12	8716.32	6128.74	-6084.79	-815.48	413230.6 5	571218.6 8	1.43		0.00	-0.00	0.00
14407.00	88.83	176.89	8717.91	6223.23	-6179.73	-813.01	413135.7 1	571221.1 5	3.43		0.00	-0.00	0.00
14501.00	87.46	178.20	8720.95	6316.53	-6273.59	-808.98	413041.8 5	571225.1 8	2.02		0.00	-0.00	0.00
14595.00	90.37	180.50	8722.73	6410.14	-6367.55	-807.92	412947.8 9	571226.2 4	3.95		0.00	-0.00	0.00
14686.00	89.57	179.91	8722.78	6500.91	-6458.55	-808.24	412856.8 9	571225.9 2	1.09		0.00	-0.00	0.00
14780.00	87.65	179.43	8725.06	6594.57	-6552.51	-807.70	412762.9 3	571226.4 6	2.11		0.00	-0.00	0.00
14874.00	88.64	180.05	8728.10	6688.23	-6646.46	-807.28	412668.9 8	571226.8 8	1.24		0.00	-0.00	0.00
14968.00	88.58	180.28	8730.38	6781.96	-6740.43	-807.55	412575.0 1	571226.6 1	0.25		0.00	-0.00	0.00
15063.00	88.58	180.67	8732.73	6876.72	-6835.40	-808.33	412480.0 4	571225.8 3	0.41		0.00	-0.00	0.00
15157.00	89.20	181.08	8734.56	6970.53	-6929.37	-809.77	412386.0 7	571224.3 9	0.79		0.00	-0.00	0.00
15251.00	89.63	180.11	8735.52	7064.33	-7023.36	-810.75	412292.0 8	571223.4 1	1.13		0.00	-0.00	0.00
15344.00	89.20	179.21	8736.46	7157.02	-7116.35	-810.19	412199.0 9	571223.9 7	1.07		0.00	-0.00	0.00
15438.00	91.24	179.53	8736.10	7250.67	-7210.34	-809.16	412105.1 0	571225.0 0	2.20		0.00	-0.00	0.00
15532.00	91.67	178.43	8733.72	7344.23	-7304.29	-807.49	412011.1 5	571226.6 7	1.26		0.00	-0.00	0.00
15626.00	90.99	176.98	8731.53	7437.58	-7398.19	-803.72	411917.2 5	571230.4 4	1.70		0.00	-0.00	0.00
15721.00	90.49	177.08	8730.31	7531.81	-7493.05	-798.80	411822.3 9	571235.3 6	0.54		0.00	-0.00	0.00
15814.00	90.06	177.98	8729.86	7624.17	-7585.97	-794.79	411729.4 7	571239.3 7	1.07		0.00	-0.00	0.00
15909.00	89.81	179.39	8729.97	7718.71	-7680.94	-792.61	411634.5 0	571241.5 5	1.51		0.00	-0.00	0.00
16010.00	88.64	179.56	8731.34	7819.34	-7781.92	-791.69	411533.5 2	571242.4 7	1.17		1.64	1.42	0.81
16104.00	89.88	180.17	8732.55	7913.05	-7875.91	-791.47	411439.5 3	571242.6 9	1.47		4.42	3.45	2.77

5D Survey Report

Survey Points: (Relative to Slot centre)(TVD relative to Drill Floor)													
MD (US ft)	Inc (°)	Az (°)	TVD (US ft)	VS (US ft)	N.Offset (US ft)	E.Offset (US ft)	Northing (US ft)	Easting (US ft)	DLS (°/100US ft)	Comment	Dist to Plan (US ft)	High to Plan (US ft)	Right to Plan (US ft)
16198.00	89.32	179.29	8733.21	8006.75	-7969.91	-791.02	411345.5 3	571243.1 4	1.11		6.99	4.92	4.97
16293.00	90.19	179.96	8733.61	8101.43	-8064.90	-790.40	411250.5 4	571243.7 6	1.16		7.87	4.97	6.10
16386.00	90.31	177.64	8733.21	8194.00	-8157.88	-788.46	411157.5 6	571245.7 0	2.50		8.87	3.76	8.04
16481.00	90.37	180.90	8732.64	8288.62	-8252.85	-787.25	411062.5 9	571246.9 1	3.43		9.55	2.36	9.25
16575.00	90.12	181.22	8732.24	8382.47	-8346.84	-788.98	410968.6 0	571245.1 8	0.43		7.60	1.14	7.51
16669.00	90.12	180.70	8732.04	8476.31	-8440.82	-790.56	410874.6 2	571243.6 0	0.55		5.94	0.12	5.94
16763.00	90.56	179.87	8731.49	8570.08	-8534.82	-791.03	410780.6 2	571243.1 3	1.00		5.62	-1.26	5.47
16857.00	89.20	179.81	8731.68	8663.79	-8628.82	-790.76	410686.6 2	571243.4 0	1.45		6.04	-1.88	5.74
16952.00	89.75	181.02	8732.55	8758.57	-8723.81	-791.45	410591.6 3	571242.7 1	1.40		5.37	-1.84	5.05
17046.00	89.26	181.08	8733.37	8852.41	-8817.79	-793.17	410497.6 5	571240.9 9	0.53		3.80	-1.85	3.33
17140.00	89.38	180.79	8734.48	8946.25	-8911.77	-794.71	410403.6 7	571239.4 5	0.33		2.37	-1.55	1.79
17234.00	91.79	180.15	8733.52	9040.03	-9005.75	-795.48	410309.6 9	571238.6 8	2.65		3.48	-3.33	1.02
17327.00	90.49	178.97	8731.67	9132.69	-9098.73	-794.77	410216.7 1	571239.3 9	1.89		6.24	-5.99	1.73
17422.00	88.76	179.67	8732.29	9227.32	-9193.71	-793.64	410121.7 3	571240.5 2	1.96		6.83	-6.20	2.86
17516.00	88.02	180.48	8734.93	9321.03	-9287.68	-793.76	410027.7 6	571240.4 0	1.17		5.16	-4.38	2.74
17610.00	88.89	181.02	8737.47	9414.82	-9381.63	-794.99	409933.8 1	571239.1 7	1.09		3.06	-2.66	1.51
17705.00	88.39	180.74	8739.72	9509.62	-9476.59	-796.45	409838.8 5	571237.7 1	0.60		1.24	-1.24	0.05
17798.00	87.53	179.71	8743.03	9602.33	-9569.53	-796.81	409745.9 1	571237.3 5	1.44		1.30	1.26	-0.31
17892.00	87.65	178.90	8746.99	9695.89	-9663.44	-795.68	409652.0 0	571238.4 8	0.87		4.47	4.39	0.83
17986.00	87.10	178.66	8751.29	9789.35	-9757.32	-793.68	409558.1 2	571240.4 8	0.64		8.36	7.87	2.82
18080.00	86.95	179.18	8756.17	9882.82	-9851.18	-791.91	409464.2 6	571242.2 5	0.58		12.78	11.92	4.59
18173.00	86.97	179.44	8761.10	9975.33	-9944.04	-790.79	409371.4 0	571243.3 7	0.28		17.03	16.04	5.71
18267.00	87.28	180.53	8765.82	10068.95	-10037.92	-790.76	409277.5 2	571243.4 0	1.20		20.75	19.94	5.73
18361.00	87.96	181.48	8769.72	10162.71	-10131.82	-792.41	409183.6 2	571241.7 5	1.24		23.40	23.04	4.08
18455.00	87.96	181.32	8773.07	10256.53	-10225.74	-794.71	409089.7 0	571239.4 5	0.17		25.62	25.56	1.79
18549.00	87.90	181.27	8776.46	10350.34	-10319.65	-796.83	408995.7 9	571237.3 3	0.08		28.13	28.13	-0.33
18643.00	88.15	180.50	8779.70	10444.12	-10413.58	-798.28	408901.8 6	571235.8 8	0.86		30.61	30.55	-1.78
18737.00	87.84	181.31	8782.99	10537.90	-10507.51	-799.76	408807.9 3	571234.4 0	0.92		33.18	33.02	-3.27
18830.00	88.45	181.77	8786.00	10630.74	-10600.43	-802.26	408715.0 1	571231.9 0	0.82	Last Svy	35.69	35.22	-5.77
18854.00	88.45	181.77	8786.65	10654.71	-10624.41	-803.00	408691.0 3	571231.1 6	0.00	PTB; LTP (18854'M D)	36.25	35.66	-6.51

Formation 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	Comment
N/A	9.59	252.40	8710.58	-82.74	-121.78	419232.70	571912.38	Wolfcamp Y Horz Target	
N/A	9.59	252.40	9097.73	-82.74	-121.78	419232.70	571912.38	Wolfcamp A2	
1177.75	1.14	210.39	1177.53	-15.36	-15.05	419300.08	572019.11	Salado	
1837.70	1.90	107.17	1836.86	-27.20	7.07	419288.24	572041.23	Castille	

5D Survey Report

Formation 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	Comment
2043.97	1.30	160.48	2043.08	-30.33	9.83	419285.11	572043.99	Bell Canyon	
3029.92	9.14	250.60	3022.37	-67.82	-76.29	419247.62	571957.87	Cherry Canyon	
4072.10	8.16	250.87	4050.23	-117.77	-240.49	419197.67	571793.67	Brushy Canyon	
5273.43	10.05	249.24	5233.80	-191.98	-431.71	419123.46	571602.45	Brushy Canyon Lower	
5589.46	10.57	247.29	5544.51	-211.81	-485.81	419103.63	571548.35	Bone Spring	
5704.59	9.01	245.14	5658.08	-219.51	-503.03	419095.93	571531.13	Bone Spring "A" Shale	
6001.63	9.18	253.91	5951.65	-234.82	-545.49	419080.62	571488.67	Bone Spring "C" Shale	
6544.05	6.12	220.17	6488.80	-280.18	-602.59	419035.26	571431.57	1st Bone Spring Ss	
7005.86	2.86	237.21	6949.16	-303.07	-629.38	419012.37	571404.78	2nd Bone Spring Ss	
7756.94	2.02	17.95	7699.62	-312.65	-649.63	419002.79	571384.53	2nd BS Ss Lower	
8362.25	19.13	209.41	8301.20	-324.14	-663.43	418991.30	571370.73	3rd Bone Spring Ss	
8888.38	73.39	189.83	8631.41	-672.38	-802.09	418643.06	571232.07	Wolfcamp A	
9284.14	86.54	177.81	8702.12	-1059.51	-819.80	418255.93	571214.36	Wolfcamp Y Sandstone	



Davinci 7-18 Federal Com 6H Eddy County, New Mexico

Planned vs Actual

Plan Data for Davinci 7-18 Federal Com 6H

Plan Point Information:									
DogLeg Severity Unit: */100.00ft					Position offsets from Slot centre				
MD	Inc	Az	TVD	USft	+N/-S	+E/-W	VSec	USft	DLS Comments
(USft)	(°)	(°)	(USft)	(USft)	(USft)	(USft)	(USft)	(USft)	(DLSU)
15909.00	89.81	179.39	8729.97	-7680.94	-792.61	7718.71	1.51	Last Svy	
15933.00	89.81	179.39	8730.05	-7704.94	-792.36	7742.62	0.00	PTB/Built/Turn	
16024.40	90.50	181.08	8729.80	-7796.33	-792.73	7833.79	2.00	Hold	
16187.15	90.50	181.08	8728.36	-7959.04	-795.00	7996.27	0.00	Drop	
16260.94	89.50	180.00	8728.36	-8032.83	-796.50	8069.90	2.00	Hold	
18852.94	89.50	180.00	8750.98	-10624.73	-796.50	10654.54	0.00	PBHL 330° FSL, 250° FWL	

Plan Data for Davinci 7-18 Federal Com 6H

Casing Point Information:

MD	TVD	Northing	Easting
(USft)	(USft)	(USft)	(USft)
120.00	119.99	419314.86	572033.53
435.00	434.93	419310.69	572028.54
1990.00	1989.12	419286.19	572043.50
8877.00	8628.04	418653.75	571234.06

Formation Point Information:

Name	TVD	Elevation	MD
(USft)	(USft)	(USft)	(USft)
Wolfcamp Y Horz Target	8710.58	0.00	-1.00
Wolfcamp A2	9097.73	0.00	-1.00
Salado	1177.53	2129.77	1177.75
Castille	1836.86	1470.44	1837.70
Bell Canyon	2043.08	1264.22	2043.97
Cherry Canyon	3022.37	284.93	3029.92
Brushy Canyon	4050.23	-742.93	4072.10
Brushy Canyon Lower	5231.80	-1926.50	5273.43
Bone Spring	5544.51	-2237.21	5589.46
Bone Spring "A" Shale	5658.08	-2350.78	5704.59
Bone Spring "C" Shale	5951.65	-2644.35	6001.63
1st Bone Spring Ss	6488.80	-3181.50	6544.05
2nd Bone Spring Ss	6949.16	-3641.86	7005.86
2nd BS Ss Lower	7695.58	-4388.28	7756.94
3rd Bone Spring Ss	8297.01	-4989.71	8362.25
Wolfcamp A	8622.73	-5315.43	8888.61
Wolfcamp Y Sandstone	8688.44	-5381.14	9285.75

Drawing By: CBO Date: 9/22/2017
Weatherford Drilling Services
10,000 Pilot Ave.
Midland, TX 79701
+1.432.561.8892 Main
+1.432.561.8895 Fax

Plan Data for Davinci 7-18 Federal Com 6H

Field: Cimarex Nad 83 NMEZ
Vertical Reference Datum (VRD): Mean Sea Level
Projected Coordinate System: NAD83 / New Mexico East (ftUS)

Site: Davinci 7-18 Federal Com 6H
Unit: USFeet TVD Reference: Mean Sea Level

Company Name: Cimarex Energy
Position: Northing: 419315.44USft Latitude: 32.152738°
Easting: 572034.16USft Longitude: -104.234143°
North Reference: Grid Grid Convergence: 0.05°
Elevation Above VRD: 3281.30USft
Comment: Eddy Co, New Mexico

Slot: Davinci 7-18 Federal Com 6H

Position:
Offset is from Site centre
+N/-S: 0.00USft Northing: 419315.44USft Latitude: 32.152738°
+E/-W: 0.00USft Easting: 572034.16USft Longitude: -104.234143°
Elevation Above VRD: 3281.30USft
Comment: Eddy Co, New Mexico

Well: Davinci 7-18 Federal Com 6H

Type: Main-Well
File Number:
Plan Folder: P6
Vertical Section: Position offset of origin from Slot centre:
+N/-S: -0.00USft Azimuth: 184.29°
+E/-W: 0.00USft
Magnetic Parameters:
Model: Field Strength: Declination: Dip: Date:
Surcon 47912(nT) 7.45° 59.94° 2017-10-16

Davinci 7-18 Federal Com 6H
Davinci 7 Federal Com 6H
Scoter 6 Federal 4H
Scoter 6 Federal 5H
Gadwall 18 Federal 4H
Davinci 7-18 Federal Com 6H

Grid Convergence: 0.05°
Mag Declination: 7.45°
Bearing:
True = Mag + 7.45°
Grid = True - 0.05°
Total Correction 7.25°

Plan Data for Davinci 7-18 Federal Com 6H

Target Set Information:									
Name: Davinci 7-18 Fed Com 6H									
Position offsets from Slot centre									
Name	TVD	Elevation	+N/-S	+E/-W	Northing	Easting	(USft)	(USft)	(USft)
KOP	8181.12	-4873.82	-334.95	-796.50	418980.49	571237.66			
75° Target	8642.40	-5335.10	-688.84	-796.50	418626.60	571237.66			
5650 VS	8705.00	-5397.70	-5606.15	-796.23	413789.29	571237.93			
PBHL 330° FSL, 250° FWL	8750.98	-5443.68	-10624.73	-796.50	408690.71	571237.66			
Vertical Target box	0.00	3307.30	0.00	0.00	419315.44	572034.16			

