



Extraction Oil & Gas

**WELD COUNTY, CO
WINDER SOUTH PAD
WINDER SOUTH 6**

WINDER SOUTH 6

Survey: Survey #2

Standard Survey Report

12 December, 2016



Company:	Extraction Oil & Gas	Local Co-ordinate Reference:	Well WINDER SOUTH 6
Project:	WELD COUNTY, CO	TVD Reference:	WELL @ 4880.00ft (Patterson 346)
Site:	WINDER SOUTH PAD	MD Reference:	WELL @ 4880.00ft (Patterson 346)
Well:	WINDER SOUTH 6	North Reference:	True
Wellbore:	WINDER SOUTH 6	Survey Calculation Method:	Minimum Curvature
Design:	WINDER SOUTH 6	Database:	EDM 5000.1 Single User Db

Project	WELD COUNTY, CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		WINDER SOUTH PAD			
Site Position:		Northing:	1,426,547.14 usft	Latitude:	40° 30' 9.630 N
From:	Lat/Long	Easting:	3,169,438.32 usft	Longitude:	104° 53' 26.516 W
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16"	Grid Convergence:	0.39 °

Well	WINDER SOUTH 6					
Well Position	+N/-S	0.00 ft	Northing:	1,426,546.95 usft	Latitude:	40° 30' 9.623 N
	+E/-W	0.00 ft	Easting:	3,169,518.38 usft	Longitude:	104° 53' 25.480 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	0.00 ft	Ground Level:	4,855.00 ft

Wellbore	WINDER SOUTH 6				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	09/20/16	8.37	66.94	52,516

Design	WINDER SOUTH 6				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)		+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00		0.00	0.00	261.32

Survey Program	Date	12/12/16			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
134.00	1,534.00	Survey #1 (WINDER SOUTH 6)	MWD	MWD - Standard	
1,665.00	17,050.00	Survey #2 (WINDER SOUTH 6)	MWD	MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
1,534.00	4.90	162.30	1,532.39	-37.80	17.35	-11.45	0.00	0.00	0.00	
1,665.00	4.52	154.90	1,662.95	-47.80	21.24	-13.79	0.55	-0.29	-5.65	
1,760.00	6.90	158.87	1,757.47	-56.51	24.89	-16.08	2.54	2.51	4.18	
1,854.00	8.94	154.23	1,850.57	-68.36	30.10	-19.44	2.27	2.17	-4.94	
1,949.00	10.43	148.24	1,944.21	-82.32	37.84	-24.98	1.89	1.57	-6.31	
2,043.00	12.56	144.30	2,036.32	-97.86	48.28	-32.96	2.41	2.27	-4.19	
2,138.00	14.09	147.64	2,128.77	-116.01	60.50	-42.30	1.80	1.61	3.52	
2,232.00	14.38	150.04	2,219.88	-135.79	72.45	-51.13	0.70	0.31	2.55	
2,327.00	13.56	150.32	2,312.07	-155.69	83.86	-59.41	0.87	-0.86	0.29	
2,421.00	15.06	155.14	2,403.15	-176.35	94.45	-66.76	2.04	1.60	5.13	
2,516.00	14.50	157.17	2,495.01	-198.51	104.25	-73.11	0.80	-0.59	2.14	
2,610.00	14.31	157.30	2,586.06	-220.07	113.30	-78.80	0.21	-0.20	0.14	

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Wellbore:	WINDER SOUTH 6	Survey Calculation Method:	Minimum Curvature
Design:	WINDER SOUTH 6	Database:	EDM 5000.1 Single User Db

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Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
2,705.00	13.53	156.23	2,678.26	-241.07	122.31	-84.54	0.86	-0.82	-1.13	
2,800.00	14.02	164.36	2,770.54	-262.32	129.89	-88.83	2.10	0.52	8.56	
2,894.00	13.09	162.09	2,861.92	-283.42	136.24	-91.92	1.14	-0.99	-2.41	
2,988.00	14.43	168.86	2,953.23	-305.04	141.77	-94.13	2.23	1.43	7.20	
3,083.00	12.62	165.93	3,045.59	-326.72	146.58	-95.61	2.04	-1.91	-3.08	
3,177.00	13.52	162.85	3,137.16	-347.18	152.32	-98.20	1.21	0.96	-3.28	
3,271.00	13.72	160.99	3,228.51	-368.22	159.19	-101.81	0.51	0.21	-1.98	
3,366.00	14.24	157.84	3,320.70	-389.70	167.27	-106.56	0.97	0.55	-3.32	
3,460.00	12.62	156.76	3,412.13	-409.84	175.68	-111.84	1.74	-1.72	-1.15	
3,555.00	12.66	161.25	3,504.83	-429.23	183.12	-116.27	1.03	0.04	4.73	
3,650.00	14.16	160.37	3,597.23	-450.04	190.37	-120.30	1.59	1.58	-0.93	
3,745.00	14.75	160.98	3,689.23	-472.42	198.22	-124.67	0.64	0.62	0.64	
3,840.00	14.70	162.23	3,781.11	-495.33	205.84	-128.75	0.34	-0.05	1.32	
3,934.00	14.74	158.84	3,872.02	-517.84	213.80	-133.22	0.92	0.04	-3.61	
4,029.00	14.26	162.77	3,964.00	-540.28	221.62	-137.57	1.15	-0.51	4.14	
4,124.00	12.07	161.10	4,056.50	-560.86	228.31	-141.07	2.34	-2.31	-1.76	
4,218.00	13.40	162.74	4,148.18	-580.56	234.72	-144.44	1.47	1.41	1.74	
4,313.00	14.29	164.75	4,240.42	-602.38	241.07	-147.43	1.06	0.94	2.12	
4,407.00	14.21	152.15	4,331.55	-623.78	249.52	-152.55	3.29	-0.09	-13.40	
4,502.00	13.47	157.50	4,423.80	-644.32	259.20	-159.02	1.56	-0.78	5.63	
4,596.00	14.51	156.58	4,515.01	-665.24	268.07	-164.63	1.13	1.11	-0.98	
4,690.00	13.16	158.50	4,606.28	-686.00	276.67	-170.00	1.52	-1.44	2.04	
4,785.00	14.92	157.08	4,698.44	-707.33	285.40	-175.41	1.89	1.85	-1.49	
4,880.00	14.23	158.98	4,790.38	-729.49	294.35	-180.92	0.88	-0.73	2.00	
4,975.00	15.10	156.55	4,882.29	-751.74	303.46	-186.57	1.12	0.92	-2.56	
5,069.00	13.86	158.23	4,973.30	-773.43	312.51	-192.24	1.39	-1.32	1.79	
5,164.00	14.97	158.18	5,065.31	-795.39	321.29	-197.61	1.17	1.17	-0.05	
5,259.00	12.17	153.96	5,157.65	-815.78	330.25	-203.39	3.12	-2.95	-4.44	
5,353.00	13.71	160.94	5,249.26	-835.22	338.24	-208.35	2.33	1.64	7.43	
5,448.00	15.20	164.49	5,341.26	-857.86	345.25	-211.86	1.82	1.57	3.74	
5,543.00	16.49	166.15	5,432.64	-882.95	351.81	-214.56	1.44	1.36	1.75	
5,638.00	18.00	170.81	5,523.38	-910.54	357.38	-215.91	2.15	1.59	4.91	
5,733.00	16.81	171.58	5,614.02	-938.62	361.73	-215.98	1.28	-1.25	0.81	
5,827.00	18.96	176.95	5,703.48	-967.32	364.54	-214.42	2.88	2.29	5.71	
5,922.00	20.15	171.57	5,793.01	-998.92	367.76	-212.83	2.27	1.25	-5.66	
6,017.00	20.43	172.65	5,882.11	-1,031.55	372.28	-212.38	0.49	0.29	1.14	
6,111.00	21.07	172.62	5,970.02	-1,064.58	376.55	-211.62	0.68	0.68	-0.03	
6,206.00	17.34	167.62	6,059.72	-1,095.35	381.78	-212.14	4.29	-3.93	-5.26	
6,300.00	18.29	170.53	6,149.21	-1,123.58	387.21	-213.25	1.38	1.01	3.10	
6,395.00	19.42	170.74	6,239.11	-1,153.88	392.20	-213.62	1.19	1.19	0.22	
6,489.00	21.42	171.58	6,327.20	-1,186.28	397.23	-213.70	2.15	2.13	0.89	
6,583.00	20.26	168.70	6,415.05	-1,219.22	402.93	-214.37	1.65	-1.23	-3.06	
6,678.00	18.48	170.50	6,504.67	-1,250.21	408.64	-215.34	1.98	-1.87	1.89	
6,773.00	19.49	178.29	6,594.52	-1,280.90	411.60	-213.63	2.87	1.06	8.20	
6,867.00	24.56	218.15	6,682.11	-1,312.13	399.93	-197.38	16.44	5.39	42.40	
6,962.00	29.40	240.23	6,766.95	-1,339.32	367.39	-161.12	11.63	5.09	23.24	
7,057.00	36.10	242.72	6,846.81	-1,363.75	322.22	-112.78	7.19	7.05	2.62	
7,151.00	45.43	246.97	6,917.94	-1,389.60	266.66	-53.95	10.35	9.93	4.52	
7,245.00	54.77	249.61	6,978.18	-1,416.14	199.71	16.24	10.17	9.94	2.81	
7,340.00	61.97	248.53	7,027.97	-1,445.04	124.22	95.22	7.64	7.58	-1.14	
7,435.00	68.09	250.60	7,068.05	-1,475.06	43.55	179.50	6.74	6.44	2.18	
WS 6 Hard Line Intersect Point										
7,524.97	80.15	259.41	7,092.67	-1,497.19	-39.84	265.27	16.37	13.41	9.79	
7,529.00	80.70	259.78	7,093.34	-1,497.91	-43.75	269.25	16.37	13.58	9.27	

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LP WINDER SOUTH 6									
7,563.20	82.99	263.30	7,098.19	-1,502.89	-77.22	303.09	12.19	6.71	10.28
7,624.00	87.13	269.47	7,103.43	-1,506.70	-137.64	363.39	12.19	6.80	10.15
7,718.00	85.77	269.59	7,109.25	-1,507.47	-231.46	456.25	1.45	-1.45	0.13
7,837.00	87.11	270.45	7,116.64	-1,507.42	-350.22	573.65	1.34	1.13	0.72
7,932.00	90.18	271.87	7,118.88	-1,505.50	-445.16	667.21	3.56	3.23	1.49
8,026.00	91.49	272.09	7,117.51	-1,502.25	-539.09	759.58	1.41	1.39	0.23
8,121.00	92.33	272.78	7,114.35	-1,498.22	-633.95	852.74	1.14	0.88	0.73
8,215.00	91.53	273.74	7,111.18	-1,492.88	-727.75	944.65	1.33	-0.85	1.02
8,310.00	89.91	273.35	7,109.99	-1,487.00	-822.55	1,037.49	1.75	-1.71	-0.41
8,405.00	90.74	273.30	7,109.45	-1,481.49	-917.39	1,130.41	0.88	0.87	-0.05
8,499.00	89.21	270.28	7,109.49	-1,478.56	-1,011.33	1,222.83	3.60	-1.63	-3.21
8,594.00	88.74	271.52	7,111.19	-1,477.07	-1,106.30	1,316.49	1.40	-0.49	1.31
8,688.00	89.26	271.99	7,112.83	-1,474.19	-1,200.24	1,408.92	0.75	0.55	0.50
8,782.00	89.38	270.38	7,113.95	-1,472.24	-1,294.21	1,501.52	1.72	0.13	-1.71
8,877.00	89.68	269.55	7,114.73	-1,472.30	-1,389.21	1,595.44	0.93	0.32	-0.87
8,971.00	90.07	269.56	7,114.93	-1,473.03	-1,483.21	1,688.47	0.42	0.41	0.01
9,066.00	90.62	270.09	7,114.36	-1,473.32	-1,578.20	1,782.43	0.80	0.58	0.56
9,160.00	91.14	270.29	7,112.91	-1,473.01	-1,672.19	1,875.29	0.59	0.55	0.21
9,255.00	90.95	267.79	7,111.18	-1,474.60	-1,767.16	1,969.41	2.64	-0.20	-2.63
9,349.00	89.60	269.15	7,110.73	-1,477.11	-1,861.12	2,062.67	2.04	-1.44	1.45
9,444.00	90.97	270.51	7,110.26	-1,477.39	-1,956.11	2,156.62	2.03	1.44	1.43
9,538.00	87.16	269.32	7,111.79	-1,477.53	-2,050.08	2,249.53	4.25	-4.05	-1.27
9,633.00	85.96	269.80	7,117.49	-1,478.26	-2,144.90	2,343.38	1.36	-1.26	0.51
9,727.00	86.86	267.87	7,123.38	-1,480.17	-2,238.69	2,436.39	2.26	0.96	-2.05
9,822.00	88.71	266.59	7,127.05	-1,484.76	-2,333.51	2,530.81	2.37	1.95	-1.35
9,916.00	89.76	267.51	7,128.31	-1,489.59	-2,427.37	2,624.33	1.49	1.12	0.98
10,011.00	92.58	267.94	7,126.37	-1,493.36	-2,522.27	2,718.70	3.00	2.97	0.45
10,105.00	93.64	266.71	7,121.27	-1,497.74	-2,616.02	2,812.05	1.73	1.13	-1.31
10,200.00	92.45	269.00	7,116.22	-1,501.29	-2,710.81	2,906.29	2.71	-1.25	2.41
10,294.00	91.72	269.17	7,112.80	-1,502.79	-2,804.74	2,999.37	0.80	-0.78	0.18
10,389.00	90.03	269.60	7,111.35	-1,503.81	-2,899.72	3,093.41	1.84	-1.78	0.45
10,483.00	90.26	269.45	7,111.11	-1,504.59	-2,993.71	3,186.45	0.29	0.24	-0.16
10,578.00	89.21	270.03	7,111.55	-1,505.02	-3,088.71	3,280.42	1.26	-1.11	0.61
10,672.00	88.71	270.42	7,113.26	-1,504.65	-3,182.69	3,373.28	0.67	-0.53	0.41
10,767.00	90.93	270.77	7,113.55	-1,503.67	-3,277.68	3,467.03	2.37	2.34	0.37
10,861.00	91.07	270.62	7,111.91	-1,502.53	-3,371.66	3,559.76	0.22	0.15	-0.16
10,956.00	92.13	270.66	7,109.26	-1,501.47	-3,466.62	3,653.47	1.12	1.12	0.04
11,050.00	89.39	270.64	7,108.01	-1,500.40	-3,560.59	3,746.21	2.91	-2.91	-0.02
11,145.00	88.62	271.83	7,109.66	-1,498.35	-3,655.55	3,839.77	1.49	-0.81	1.25
11,239.00	90.99	272.25	7,109.98	-1,495.01	-3,749.49	3,932.13	2.56	2.52	0.45
11,333.00	90.64	272.35	7,108.65	-1,491.24	-3,843.40	4,024.40	0.39	-0.37	0.11
11,428.00	90.25	271.96	7,107.91	-1,487.66	-3,938.33	4,117.70	0.58	-0.41	-0.41
11,523.00	92.36	272.39	7,105.75	-1,484.06	-4,033.23	4,210.97	2.27	2.22	0.45
11,617.00	93.32	271.89	7,101.09	-1,480.55	-4,127.05	4,303.19	1.15	1.02	-0.53
11,711.00	92.16	271.60	7,096.59	-1,477.69	-4,220.90	4,395.53	1.27	-1.23	-0.31
11,806.00	92.81	271.90	7,092.48	-1,474.80	-4,315.76	4,488.87	0.75	0.68	0.32
11,900.00	91.61	270.87	7,088.85	-1,472.53	-4,409.66	4,581.35	1.68	-1.28	-1.10
11,995.00	92.81	271.50	7,085.19	-1,470.56	-4,504.57	4,674.88	1.43	1.26	0.66
12,089.00	91.73	269.49	7,081.46	-1,469.75	-4,598.49	4,767.60	2.43	-1.15	-2.14
12,184.00	92.36	269.28	7,078.07	-1,470.77	-4,693.42	4,861.60	0.70	0.66	-0.22
12,278.00	90.48	267.84	7,075.74	-1,473.13	-4,787.35	4,954.81	2.52	-2.00	-1.53
12,372.00	90.16	267.42	7,075.22	-1,477.02	-4,881.27	5,048.24	0.56	-0.34	-0.45
12,467.00	91.44	268.55	7,073.89	-1,480.36	-4,976.20	5,142.59	1.80	1.35	1.19

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12,561.00	92.27	267.58	7,070.85	-1,483.53	-5,070.10	5,235.89	1.36	0.88	-1.03
12,656.00	91.21	268.89	7,067.97	-1,486.46	-5,165.00	5,330.15	1.77	-1.12	1.38
12,750.00	91.24	268.45	7,065.96	-1,488.64	-5,258.96	5,423.36	0.47	0.03	-0.47
12,845.00	93.61	269.71	7,061.94	-1,490.16	-5,353.85	5,517.39	2.82	2.49	1.33
12,939.00	94.52	268.76	7,055.27	-1,491.41	-5,447.60	5,610.26	1.40	0.97	-1.01
13,034.00	94.09	270.98	7,048.14	-1,491.63	-5,542.33	5,703.94	2.37	-0.45	2.34
13,128.00	92.38	272.54	7,042.84	-1,488.75	-5,636.13	5,796.23	2.46	-1.82	1.66
13,223.00	92.82	274.62	7,038.53	-1,482.82	-5,730.84	5,888.96	2.24	0.46	2.19
13,317.00	91.63	272.76	7,034.88	-1,476.78	-5,824.57	5,980.70	2.35	-1.27	-1.98
13,411.00	90.75	270.06	7,032.92	-1,474.46	-5,918.51	6,073.22	3.02	-0.94	-2.87
13,506.00	91.11	270.38	7,031.38	-1,474.10	-6,013.50	6,167.07	0.51	0.38	0.34
13,600.00	91.60	271.64	7,029.16	-1,472.44	-6,107.45	6,259.70	1.44	0.52	1.34
13,694.00	91.31	269.26	7,026.77	-1,471.71	-6,201.41	6,352.47	2.55	-0.31	-2.53
13,789.00	91.48	269.86	7,024.46	-1,472.43	-6,296.38	6,446.46	0.66	0.18	0.63
13,883.00	92.52	270.01	7,021.18	-1,472.54	-6,390.32	6,539.34	1.12	1.11	0.16
13,977.00	93.98	269.32	7,015.85	-1,473.09	-6,484.17	6,632.20	1.72	1.55	-0.73
14,072.00	93.26	269.12	7,009.85	-1,474.38	-6,578.97	6,726.11	0.79	-0.76	-0.21
14,166.00	93.16	270.66	7,004.59	-1,474.56	-6,672.82	6,818.91	1.64	-0.11	1.64
14,260.00	91.83	270.13	7,000.50	-1,473.91	-6,766.73	6,911.64	1.52	-1.41	-0.56
14,355.00	92.65	271.23	6,996.78	-1,472.79	-6,861.64	7,005.30	1.44	0.86	1.16
14,449.00	93.63	271.86	6,991.63	-1,470.26	-6,955.47	7,097.67	1.24	1.04	0.67
14,544.00	92.55	270.15	6,986.51	-1,468.59	-7,050.31	7,191.18	2.13	-1.14	-1.80
14,638.00	93.09	270.52	6,981.89	-1,468.04	-7,144.19	7,283.90	0.70	0.57	0.39
14,733.00	93.67	269.94	6,976.29	-1,467.66	-7,239.03	7,377.59	0.86	0.61	-0.61
14,827.00	91.35	270.55	6,972.17	-1,467.26	-7,332.93	7,470.36	2.55	-2.47	0.65
14,922.00	91.44	270.77	6,969.86	-1,466.17	-7,427.89	7,564.07	0.25	0.09	0.23
15,016.00	89.95	271.42	6,968.72	-1,464.37	-7,521.87	7,656.70	1.73	-1.59	0.69
15,111.00	91.05	269.88	6,967.89	-1,463.29	-7,616.85	7,750.44	1.99	1.16	-1.62
15,206.00	90.80	269.67	6,966.35	-1,463.67	-7,711.84	7,844.39	0.34	-0.26	-0.22
15,300.00	91.65	270.89	6,964.35	-1,463.21	-7,805.81	7,937.22	1.58	0.90	1.30
15,395.00	91.53	271.04	6,961.71	-1,461.61	-7,900.76	8,030.84	0.20	-0.13	0.16
15,489.00	91.80	270.93	6,958.98	-1,459.99	-7,994.71	8,123.47	0.31	0.29	-0.12
15,584.00	91.49	271.24	6,956.25	-1,458.20	-8,089.65	8,217.06	0.46	-0.33	0.33
15,678.00	90.75	270.41	6,954.41	-1,456.84	-8,183.62	8,309.75	1.18	-0.79	-0.88
15,773.00	89.63	270.40	6,954.10	-1,456.17	-8,278.62	8,403.55	1.18	-1.18	-0.01
15,868.00	88.87	272.09	6,955.34	-1,454.11	-8,373.59	8,497.12	1.95	-0.80	1.78
15,962.00	89.36	269.33	6,956.79	-1,452.94	-8,467.56	8,589.84	2.98	0.52	-2.94
16,056.00	89.03	270.14	6,958.11	-1,453.38	-8,561.55	8,682.82	0.93	-0.35	0.86
16,152.00	88.36	270.28	6,960.30	-1,453.03	-8,657.52	8,777.64	0.71	-0.70	0.15
16,246.00	89.72	270.42	6,961.88	-1,452.45	-8,751.50	8,870.46	1.45	1.45	0.15
16,340.00	90.59	269.83	6,961.62	-1,452.25	-8,845.50	8,963.35	1.12	0.93	-0.63
16,435.00	90.06	269.48	6,961.08	-1,452.82	-8,940.50	9,057.35	0.67	-0.56	-0.37
16,529.00	89.74	269.72	6,961.25	-1,453.47	-9,034.50	9,150.37	0.43	-0.34	0.26
16,624.00	91.15	269.99	6,960.51	-1,453.72	-9,129.49	9,244.31	1.51	1.48	0.28
16,719.00	91.44	271.94	6,958.36	-1,452.12	-9,224.45	9,337.94	2.07	0.31	2.05
16,814.00	91.51	273.11	6,955.92	-1,447.93	-9,319.32	9,431.10	1.23	0.07	1.23
16,908.00	90.97	272.91	6,953.88	-1,443.00	-9,413.17	9,523.13	0.61	-0.57	-0.21
16,984.00	91.02	271.95	6,952.56	-1,439.78	-9,489.09	9,597.69	1.26	0.07	-1.26
PBHL WINDER SOUTH 6									
17,050.00	91.02	271.95	6,951.39	-1,437.53	-9,555.04	9,662.55	0.00	0.00	0.00



Company:	Extraction Oil & Gas	Local Co-ordinate Reference:	Well WINDER SOUTH 6
Project:	WELD COUNTY, CO	TVD Reference:	WELL @ 4880.00ft (Patterson 346)
Site:	WINDER SOUTH PAD	MD Reference:	WELL @ 4880.00ft (Patterson 346)
Well:	WINDER SOUTH 6	North Reference:	True
Wellbore:	WINDER SOUTH 6	Survey Calculation Method:	Minimum Curvature
Design:	WINDER SOUTH 6	Database:	EDM 5000.1 Single User Db

Design Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(usft)	(usft)		
WS 6 Hard Line Intersec	0.00	0.00	7,092.60	-1,497.25	-39.82	1,425,049.46	3,169,488.86	40° 29' 54.827 N	104° 53' 25.995 W
- survey misses target center by 0.09ft at 7524.94ft MD (7092.66 TVD, -1497.19 N, -39.82 E)									
- Point									

Checked By: _____	Approved By: _____	Date: _____
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