

# Condor Energy

Well Name: **Wickstrom 17-6H**

Surface Location: Wickstrom 17-1H Pad Sec.17-T6N-R60W

North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

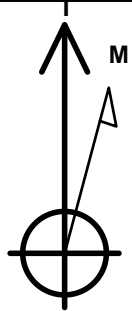
Ground Elevation: 4670.7

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1421355.92	3383492.10	40.481840	-104.121340	

RKB - 12.5' WELL @ 4683.2ft (RKB - 12.5')

## WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
HARDLINE 600' BHL	0.3	-4909.1	1241.6	Polygon
HARDLINE 600' SHL	0.3	-850.8	1241.6	Polygon
SECTION LINE	0.4	-251.7	1241.6	Polygon
SHL 250'FSL & 1799'FWL, Sec.17	1.0	0.0	0.0	Point
BHL 1049'FSL & 2429'FEL, Sec.20	6030.0	-4466.5	1076.8	Point
Landing Pt 660'FNL & 2419'FEL, Sec.20	6030.0	-921.7	1062.7	Point



Azimuths to True North  
Magnetic North: 8.24°

Magnetic Field  
Strength: 53019.8snT  
Dip Angle: 67.15°  
Date: 7/24/2013  
Model: IGRF2010

Wickstrom 17-1H Pad Sec.17-T6N-R60W  
Wickstrom 17-6H  
Plan #1 (7-24-13)  
14:36, July 24 2013

## ANNOTATIONS

TVD	MD	Annotation
1500.0	1500.0	KOP #1
5313.8	5503.6	KOP #2
6030.0	6629.1	End of Build

South(-)/North(+) (1800 ft/in)

SHL 250'FSL & 1799'FWL, Sec.17

Wickstrom 17-6H

SECTION LINE

HARDLINE 600' SHL

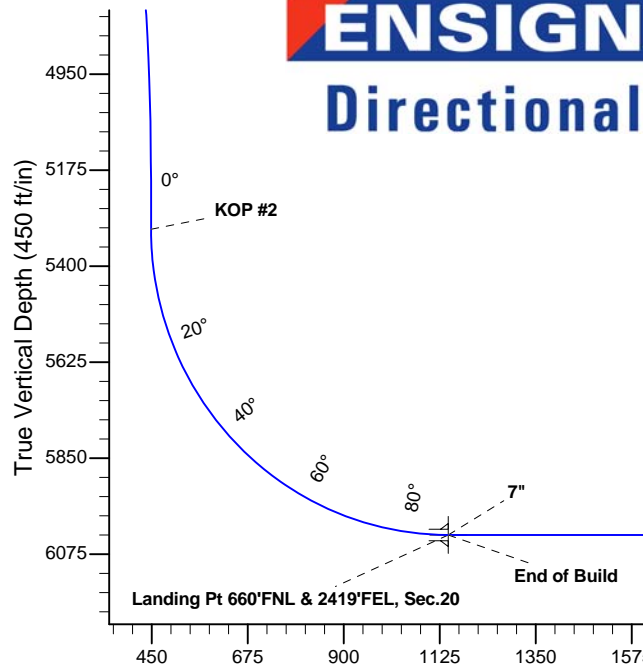
Landing Pt 660'FNL & 2419'FEL, Sec.20

Casing Pt. - 660'FNL  
& 2419'FEL, Sec.20

BHL 1049'FSL & 2429'FEL, Sec.20

HARDLINE 600' BHL

West(-)/East(+) (1800 ft/in)



## SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	2659.8	23.20	100.93	2628.4	-43.9	227.4	2.00	100.93	96.0	
4	4230.0	23.20	100.93	4071.6	-161.1	834.6	0.00	0.00	352.2	
5	5389.8	0.00	0.00	5200.0	-205.0	1062.0	2.00	180.00	448.2	
6	5503.6	0.00	0.00	5313.8	-205.0	1062.0	0.00	0.00	448.2	
7	6628.6	90.00	179.94	6030.0	-921.2	1062.7	8.00	179.94	1144.6	
8	6629.1	90.00	179.94	6030.0	-921.7	1062.7	0.00	0.00	1145.1	Landing Pt 660'FNL & 2419'FEL, Sec.20
9	6637.6	90.00	179.77	6030.0	-930.3	1062.7	2.00	-90.00	1153.4	
10	10173.9	90.00	179.77	6030.0	-4466.5	1076.8	0.00	0.00	4594.5	BHL 1049'FSL & 2429'FEL, Sec.20

BHL 1049'FSL & 2429'FEL, Sec.20

Vertical Section at 166.45° (450 ft/in)



## **Directional**

### **Condor Energy**

**SEC.17-T6N-R60W**

**Wickstrom 17-1H Pad Sec.17-T6N-R60W**

**Wickstrom 17-6H**

**Wellbore #1**

**Plan: Plan #1 (7-24-13)**

### **Standard Planning Report**

**24 July, 2013**

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
2,659.8	23.20	100.93	2,628.4	-43.9	227.4	2.00	2.00	0.00	100.93	
4,230.0	23.20	100.93	4,071.6	-161.1	834.6	0.00	0.00	0.00	0.00	
5,389.8	0.00	0.00	5,200.0	-205.0	1,062.0	2.00	-2.00	0.00	180.00	
5,503.6	0.00	0.00	5,313.8	-205.0	1,062.0	0.00	0.00	0.00	0.00	
6,628.6	90.00	179.94	6,030.0	-921.2	1,062.7	8.00	8.00	0.00	179.94	
6,629.1	90.00	179.94	6,030.0	-921.7	1,062.7	0.00	0.00	0.00	0.00	Landing Pt 660'FNL
6,637.6	90.00	179.77	6,030.0	-930.3	1,062.7	2.00	0.00	-2.00	-90.00	
10,173.9	90.00	179.77	6,030.0	-4,466.5	1,076.8	0.00	0.00	0.00	0.00	BHL 1049'FSL & 24

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Wickstrom 17-6H
<b>Company:</b>	Condor Energy	<b>TVD Reference:</b>	WELL @ 4683.2ft (RKB - 12.5')
<b>Project:</b>	SEC.17-T6N-R60W	<b>MD Reference:</b>	WELL @ 4683.2ft (RKB - 12.5')
<b>Site:</b>	Wickstrom 17-1H Pad Sec.17-T6N-R60W	<b>North Reference:</b>	True
<b>Well:</b>	Wickstrom 17-6H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-24-13)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
0.3	0.00	0.00	0.3	0.0	0.0	0.0	0.00	0.00	0.00
HARDLINE 600' BHL - HARDLINE 600' SHL									
0.4	0.00	0.00	0.4	0.0	0.0	0.0	0.00	0.00	0.00
SECTION LINE									
1.0	0.00	0.00	1.0	0.0	0.0	0.0	0.00	0.00	0.00
SHL 250'FSL & 1799'FWL, Sec.17									
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
KOP #1									
1,600.0	2.00	100.93	1,600.0	-0.3	1.7	0.7	2.00	2.00	0.00
1,700.0	4.00	100.93	1,699.8	-1.3	6.9	2.9	2.00	2.00	0.00
1,800.0	6.00	100.93	1,799.5	-3.0	15.4	6.5	2.00	2.00	0.00
1,900.0	8.00	100.93	1,898.7	-5.3	27.4	11.6	2.00	2.00	0.00
2,000.0	10.00	100.93	1,997.5	-8.2	42.7	18.0	2.00	2.00	0.00
2,100.0	12.00	100.93	2,095.6	-11.9	61.5	25.9	2.00	2.00	0.00
2,200.0	14.00	100.93	2,193.1	-16.1	83.6	35.3	2.00	2.00	0.00
2,300.0	16.00	100.93	2,289.6	-21.0	109.0	46.0	2.00	2.00	0.00
2,400.0	18.00	100.93	2,385.3	-26.6	137.7	58.1	2.00	2.00	0.00
2,500.0	20.00	100.93	2,479.8	-32.7	169.6	71.6	2.00	2.00	0.00
2,600.0	22.00	100.93	2,573.2	-39.5	204.8	86.4	2.00	2.00	0.00
2,659.8	23.20	100.93	2,628.4	-43.9	227.4	96.0	2.00	2.00	0.00
2,700.0	23.20	100.93	2,665.3	-46.9	242.9	102.5	0.00	0.00	0.00
2,800.0	23.20	100.93	2,757.2	-54.4	281.6	118.8	0.00	0.00	0.00
2,900.0	23.20	100.93	2,849.2	-61.8	320.3	135.2	0.00	0.00	0.00
3,000.0	23.20	100.93	2,941.1	-69.3	358.9	151.5	0.00	0.00	0.00
3,100.0	23.20	100.93	3,033.0	-76.8	397.6	167.8	0.00	0.00	0.00
3,200.0	23.20	100.93	3,124.9	-84.2	436.3	184.1	0.00	0.00	0.00
3,300.0	23.20	100.93	3,216.8	-91.7	475.0	200.4	0.00	0.00	0.00
3,400.0	23.20	100.93	3,308.7	-99.1	513.6	216.8	0.00	0.00	0.00
3,500.0	23.20	100.93	3,400.7	-106.6	552.3	233.1	0.00	0.00	0.00
3,600.0	23.20	100.93	3,492.6	-114.1	591.0	249.4	0.00	0.00	0.00
3,700.0	23.20	100.93	3,584.5	-121.5	629.7	265.7	0.00	0.00	0.00
3,800.0	23.20	100.93	3,676.4	-129.0	668.3	282.0	0.00	0.00	0.00
3,900.0	23.20	100.93	3,768.3	-136.5	707.0	298.4	0.00	0.00	0.00
4,000.0	23.20	100.93	3,860.2	-143.9	745.7	314.7	0.00	0.00	0.00
4,100.0	23.20	100.93	3,952.2	-151.4	784.4	331.0	0.00	0.00	0.00
4,200.0	23.20	100.93	4,044.1	-158.9	823.0	347.3	0.00	0.00	0.00
4,230.0	23.20	100.93	4,071.6	-161.1	834.6	352.2	0.00	0.00	0.00
4,300.0	21.80	100.93	4,136.3	-166.2	860.9	363.3	2.00	-2.00	0.00
4,400.0	19.80	100.93	4,229.8	-172.9	895.8	378.0	2.00	-2.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Wickstrom 17-6H
<b>Company:</b>	Condor Energy	<b>TVD Reference:</b>	WELL @ 4683.2ft (RKB - 12.5')
<b>Project:</b>	SEC.17-T6N-R60W	<b>MD Reference:</b>	WELL @ 4683.2ft (RKB - 12.5')
<b>Site:</b>	Wickstrom 17-1H Pad Sec.17-T6N-R60W	<b>North Reference:</b>	True
<b>Well:</b>	Wickstrom 17-6H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-24-13)		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,500.0	17.80	100.93	4,324.5	-179.0	927.4	391.4	2.00	-2.00	0.00
4,600.0	15.80	100.93	4,420.2	-184.5	955.8	403.4	2.00	-2.00	0.00
4,700.0	13.80	100.93	4,516.9	-189.3	980.9	413.9	2.00	-2.00	0.00
4,800.0	11.80	100.93	4,614.4	-193.5	1,002.6	423.1	2.00	-2.00	0.00
4,900.0	9.80	100.93	4,712.6	-197.1	1,021.0	430.9	2.00	-2.00	0.00
5,000.0	7.80	100.93	4,811.4	-200.0	1,036.0	437.2	2.00	-2.00	0.00
5,100.0	5.80	100.93	4,910.7	-202.2	1,047.6	442.1	2.00	-2.00	0.00
5,200.0	3.80	100.93	5,010.4	-203.8	1,055.8	445.6	2.00	-2.00	0.00
5,300.0	1.80	100.93	5,110.2	-204.7	1,060.6	447.6	2.00	-2.00	0.00
5,389.8	0.00	0.00	5,200.0	-205.0	1,062.0	448.2	2.00	-2.00	0.00
5,400.0	0.00	0.00	5,210.2	-205.0	1,062.0	448.2	0.00	0.00	0.00
5,500.0	0.00	0.00	5,310.2	-205.0	1,062.0	448.2	0.00	0.00	0.00
5,503.6	0.00	0.00	5,313.8	-205.0	1,062.0	448.2	0.00	0.00	0.00
<b>KOP #2</b>									
5,600.0	7.71	179.94	5,409.9	-211.5	1,062.0	454.5	8.00	8.00	0.00
5,700.0	15.71	179.94	5,507.8	-231.8	1,062.0	474.2	8.00	8.00	0.00
5,800.0	23.71	179.94	5,601.8	-265.5	1,062.1	507.0	8.00	8.00	0.00
5,900.0	31.71	179.94	5,690.3	-311.9	1,062.1	552.2	8.00	8.00	0.00
6,000.0	39.71	179.94	5,771.4	-370.3	1,062.2	608.9	8.00	8.00	0.00
6,100.0	47.71	179.94	5,843.6	-439.3	1,062.2	676.0	8.00	8.00	0.00
6,200.0	55.71	179.94	5,905.6	-517.7	1,062.3	752.3	8.00	8.00	0.00
6,300.0	63.71	179.94	5,955.9	-604.0	1,062.4	836.2	8.00	8.00	0.00
6,400.0	71.71	179.94	5,993.8	-696.5	1,062.5	926.1	8.00	8.00	0.00
6,500.0	79.71	179.94	6,018.5	-793.3	1,062.6	1,020.2	8.00	8.00	0.00
6,600.0	87.71	179.94	6,029.4	-892.6	1,062.7	1,116.8	8.00	8.00	0.00
6,628.6	90.00	179.94	6,030.0	-921.2	1,062.7	1,144.6	8.00	8.00	0.00
6,629.1	90.00	179.94	6,030.0	-921.7	1,062.7	1,145.1	0.00	0.00	0.00
<b>End of Build - 7" - Landing Pt 660'FNL &amp; 2419'FEL, Sec.20</b>									
6,637.6	90.00	179.77	6,030.0	-930.3	1,062.7	1,153.4	2.00	0.00	-2.00
6,700.0	90.00	179.77	6,030.0	-992.6	1,063.0	1,214.1	0.00	0.00	0.00
6,800.0	90.00	179.77	6,030.0	-1,092.6	1,063.4	1,311.4	0.00	0.00	0.00
6,900.0	90.00	179.77	6,030.0	-1,192.6	1,063.8	1,408.7	0.00	0.00	0.00
7,000.0	90.00	179.77	6,030.0	-1,292.6	1,064.2	1,506.0	0.00	0.00	0.00
7,100.0	90.00	179.77	6,030.0	-1,392.6	1,064.6	1,603.3	0.00	0.00	0.00
7,200.0	90.00	179.77	6,030.0	-1,492.6	1,065.0	1,700.6	0.00	0.00	0.00
7,300.0	90.00	179.77	6,030.0	-1,592.6	1,065.4	1,797.9	0.00	0.00	0.00
7,400.0	90.00	179.77	6,030.0	-1,692.6	1,065.8	1,895.3	0.00	0.00	0.00
7,500.0	90.00	179.77	6,030.0	-1,792.6	1,066.2	1,992.6	0.00	0.00	0.00
7,600.0	90.00	179.77	6,030.0	-1,892.6	1,066.5	2,089.9	0.00	0.00	0.00
7,700.0	90.00	179.77	6,030.0	-1,992.6	1,066.9	2,187.2	0.00	0.00	0.00
7,800.0	90.00	179.77	6,030.0	-2,092.6	1,067.3	2,284.5	0.00	0.00	0.00
7,900.0	90.00	179.77	6,030.0	-2,192.6	1,067.7	2,381.8	0.00	0.00	0.00
8,000.0	90.00	179.77	6,030.0	-2,292.6	1,068.1	2,479.1	0.00	0.00	0.00
8,100.0	90.00	179.77	6,030.0	-2,392.6	1,068.5	2,576.4	0.00	0.00	0.00
8,200.0	90.00	179.77	6,030.0	-2,492.6	1,068.9	2,673.7	0.00	0.00	0.00
8,300.0	90.00	179.77	6,030.0	-2,592.6	1,069.3	2,771.0	0.00	0.00	0.00
8,400.0	90.00	179.77	6,030.0	-2,692.6	1,069.7	2,868.3	0.00	0.00	0.00
8,500.0	90.00	179.77	6,030.0	-2,792.6	1,070.1	2,965.6	0.00	0.00	0.00
8,600.0	90.00	179.77	6,030.0	-2,892.6	1,070.5	3,062.9	0.00	0.00	0.00
8,700.0	90.00	179.77	6,030.0	-2,992.6	1,070.9	3,160.2	0.00	0.00	0.00
8,800.0	90.00	179.77	6,030.0	-3,092.6	1,071.3	3,257.6	0.00	0.00	0.00
8,900.0	90.00	179.77	6,030.0	-3,192.6	1,071.7	3,354.9	0.00	0.00	0.00
9,000.0	90.00	179.77	6,030.0	-3,292.6	1,072.1	3,452.2	0.00	0.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Wickstrom 17-6H
<b>Company:</b>	Condor Energy	<b>TVD Reference:</b>	WELL @ 4683.2ft (RKB - 12.5')
<b>Project:</b>	SEC.17-T6N-R60W	<b>MD Reference:</b>	WELL @ 4683.2ft (RKB - 12.5')
<b>Site:</b>	Wickstrom 17-1H Pad Sec.17-T6N-R60W	<b>North Reference:</b>	True
<b>Well:</b>	Wickstrom 17-6H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-24-13)		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,100.0	90.00	179.77	6,030.0	-3,392.6	1,072.5	3,549.5	0.00	0.00	0.00	
9,200.0	90.00	179.77	6,030.0	-3,492.6	1,072.9	3,646.8	0.00	0.00	0.00	
9,300.0	90.00	179.77	6,030.0	-3,592.6	1,073.3	3,744.1	0.00	0.00	0.00	
9,400.0	90.00	179.77	6,030.0	-3,692.6	1,073.7	3,841.4	0.00	0.00	0.00	
9,500.0	90.00	179.77	6,030.0	-3,792.6	1,074.1	3,938.7	0.00	0.00	0.00	
9,600.0	90.00	179.77	6,030.0	-3,892.6	1,074.5	4,036.0	0.00	0.00	0.00	
9,700.0	90.00	179.77	6,030.0	-3,992.6	1,074.9	4,133.3	0.00	0.00	0.00	
9,800.0	90.00	179.77	6,030.0	-4,092.6	1,075.3	4,230.6	0.00	0.00	0.00	
9,900.0	90.00	179.77	6,030.0	-4,192.6	1,075.7	4,327.9	0.00	0.00	0.00	
10,000.0	90.00	179.77	6,030.0	-4,292.6	1,076.1	4,425.2	0.00	0.00	0.00	
10,100.0	90.00	179.77	6,030.0	-4,392.6	1,076.5	4,522.5	0.00	0.00	0.00	
10,173.9	90.00	179.77	6,030.0	-4,466.5	1,076.8	4,594.5	0.00	0.00	0.00	
BHL 1049'FSL & 2429'FEL, Sec.20										

Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
- hit/miss target										
- Shape										
SHL 250'FSL & 1799'I	0.00	0.00	1.0	0.0	0.0	1,421,355.93	3,383,492.10	40.481840	-104.121340	
- plan hits target center										
- Point										
HARDLINE 600' BHL	0.00	0.00	0.3	-4,909.1	1,241.6	1,416,466.92	3,384,809.81	40.468365	-104.116878	
- plan misses target center by 5063.7ft at 0.3ft MD (0.3 TVD, 0.0 N, 0.0 E)										
- Polygon										
Point 1			0.3	0.0	0.0	1,416,466.92	3,384,809.81			
Point 2			0.3	0.0	-2,700.0	1,416,424.94	3,382,110.23			
BHL 1049'FSL & 2429'FEL	0.00	0.00	6,030.0	-4,466.5	1,076.8	1,416,906.88	3,384,638.14	40.469580	-104.117470	
- plan hits target center										
- Point										
SECTION LINE	0.00	0.00	0.4	-251.7	1,241.6	1,421,123.55	3,384,737.40	40.481149	-104.116877	
- plan misses target center by 1266.8ft at 0.4ft MD (0.4 TVD, 0.0 N, 0.0 E)										
- Polygon										
Point 1			0.4	0.0	0.0	1,421,123.55	3,384,737.40			
Point 2			0.4	0.0	-2,700.0	1,421,081.58	3,382,037.83			
Landing Pt 660'FNL & 2429'FEL	0.00	0.00	6,030.0	-921.7	1,062.7	1,420,450.90	3,384,568.97	40.479310	-104.117520	
- plan hits target center										
- Point										
HARDLINE 600' SHL	0.00	0.00	0.3	-850.8	1,241.6	1,420,524.57	3,384,746.72	40.479505	-104.116877	
- plan misses target center by 1505.1ft at 0.3ft MD (0.3 TVD, 0.0 N, 0.0 E)										
- Polygon										
Point 1			0.3	0.0	0.0	1,420,524.57	3,384,746.72			
Point 2			0.3	0.0	-2,700.0	1,420,482.60	3,382,047.14			

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
6,629.1	6,030.0	7"	7	7-1/2	

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Wickstrom 17-6H
<b>Company:</b>	Condor Energy	<b>TVD Reference:</b>	WELL @ 4683.2ft (RKB - 12.5')
<b>Project:</b>	SEC.17-T6N-R60W	<b>MD Reference:</b>	WELL @ 4683.2ft (RKB - 12.5')
<b>Site:</b>	Wickstrom 17-1H Pad Sec.17-T6N-R60W	<b>North Reference:</b>	True
<b>Well:</b>	Wickstrom 17-6H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-24-13)		

Plan Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,500.0	1,500.0	0.0	0.0	KOP #1
5,503.6	5,313.8	-205.0	1,062.0	KOP #2
6,629.1	6,030.0	-921.7	1,062.7	End of Build