

30-025-40971

HOBBS OCD

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Permian District
NM - Bone Spring Sand Project
McCloy Ranch 29-24-33 ST 3H
Well #1

Wellbore #1

Plan: Plat 23Jan13

Standard Planning Report

29 January, 2013

Chesapeake Operating

Planning Report

Database:	Drilling Database	Local Co-ordinate Reference:	Site McCloy Ranch 29-24-33 ST 3H
Company:	Permian District	TVD Reference:	RKB @ 3548.0usft
Project:	NM - Bone Spring Sand Project	MD Reference:	RKB @ 3548.0usft
Site:	McCloy Ranch 29-24-33 ST 3H	North Reference:	Grid
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 23Jan13		

Project:	NM - Bone Spring Sand Project		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	McCloy Ranch 29-24-33 ST 3H		
Site Position:		Northing:	435,635.00 ft
From:	Map	Easting:	729,376.00 ft
Position Uncertainty:	0.0 usft	Slot Radius:	13.200 in
		Latitude:	32° 11' 43.80454776 N
		Longitude:	103° 35' 30.60300219 W
		Grid Convergence:	0.40 °

Well	Well #1					
Well Position	+N/-S	0.0 usft	Northing:	435,635.00 ft	Latitude:	32° 11' 43.80454776 N
	+E/-W	0.0 usft	Easting:	729,376.00 ft	Longitude:	103° 35' 30.60300219 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	3,531.0 usft	Ground Level:	3,531.0 usft

Wellbore:	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/29/2013	7.39	60.12	48,434

Design:	Plat 23Jan13				
Audit Notes:					
Version:	Phase:	PLAN		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	179.59	

Plan Sections										
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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
10,570.9	0.00	0.00	10,570.9	0.0	0.0	0.00	0.00	0.00	0.00	
11,322.6	90.20	179.59	11,048.4	-479.1	3.4	12.00	12.00	0.00	179.59	
15,726.6	90.20	179.59	11,033.0	-4,883.0	35.0	0.00	0.00	0.00	0.00	McCloy Ranch 29-2

Chesapeake Operating

Planning Report

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Company:	Permian District	TVD Reference:	RKB @ 3548.0usft
Project:	NM - Bone Spring Sand Project	MD Reference:	RKB @ 3548.0usft
Site:	McCloy Ranch 29-24-33 ST 3H	North Reference:	Grid
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 23Jan13		

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
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
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00

Chesapeake Operating

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Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 23Jan13		

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)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,200.0	0.0	0.0	0.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,300.0	0.0	0.0	0.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,400.0	0.0	0.0	0.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,500.0	0.0	0.0	0.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,600.0	0.0	0.0	0.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,700.0	0.0	0.0	0.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,800.0	0.0	0.0	0.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,900.0	0.0	0.0	0.0	0.00	0.00	0.00
10,000.0	0.00	0.00	10,000.0	0.0	0.0	0.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,100.0	0.0	0.0	0.0	0.00	0.00	0.00
10,200.0	0.00	0.00	10,200.0	0.0	0.0	0.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,300.0	0.0	0.0	0.0	0.00	0.00	0.00
10,400.0	0.00	0.00	10,400.0	0.0	0.0	0.0	0.00	0.00	0.00
10,500.0	0.00	0.00	10,500.0	0.0	0.0	0.0	0.00	0.00	0.00
10,570.9	0.00	0.00	10,570.9	0.0	0.0	0.0	0.00	0.00	0.00
10,575.0	0.49	179.59	10,575.0	0.0	0.0	0.0	12.00	12.00	0.00

Chesapeake Operating

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Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 23Jan13		

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)
10,600.0	3.49	179.59	10,600.0	-0.9	0.0	0.9	12.00	12.00	0.00
10,625.0	6.49	179.59	10,624.9	-3.1	0.0	3.1	12.00	12.00	0.00
10,650.0	9.49	179.59	10,649.6	-6.5	0.0	6.5	12.00	12.00	0.00
10,675.0	12.49	179.59	10,674.2	-11.3	0.1	11.3	12.00	12.00	0.00
10,700.0	15.49	179.59	10,698.4	-17.3	0.1	17.3	12.00	12.00	0.00
10,725.0	18.49	179.59	10,722.3	-24.6	0.2	24.6	12.00	12.00	0.00
10,750.0	21.49	179.59	10,745.8	-33.2	0.2	33.2	12.00	12.00	0.00
10,775.0	24.49	179.59	10,768.8	-43.0	0.3	43.0	12.00	12.00	0.00
10,800.0	27.49	179.59	10,791.3	-53.9	0.4	53.9	12.00	12.00	0.00
10,825.0	30.49	179.59	10,813.2	-66.0	0.5	66.0	12.00	12.00	0.00
10,850.0	33.49	179.59	10,834.4	-79.3	0.6	79.3	12.00	12.00	0.00
10,875.0	36.49	179.59	10,854.9	-93.6	0.7	93.6	12.00	12.00	0.00
10,900.0	39.49	179.59	10,874.6	-109.0	0.8	109.0	12.00	12.00	0.00
10,925.0	42.49	179.59	10,893.4	-125.4	0.9	125.4	12.00	12.00	0.00
10,950.0	45.49	179.59	10,911.4	-142.7	1.0	142.7	12.00	12.00	0.00
10,975.0	48.49	179.59	10,928.5	-161.0	1.2	161.0	12.00	12.00	0.00
11,000.0	51.49	179.59	10,944.5	-180.2	1.3	180.2	12.00	12.00	0.00
11,025.0	54.49	179.59	10,959.6	-200.1	1.4	200.1	12.00	12.00	0.00
11,050.0	57.49	179.59	10,973.6	-220.9	1.6	220.9	12.00	12.00	0.00
11,075.0	60.49	179.59	10,986.4	-242.3	1.7	242.3	12.00	12.00	0.00
11,100.0	63.49	179.59	10,998.2	-264.3	1.9	264.4	12.00	12.00	0.00
11,125.0	66.49	179.59	11,008.7	-287.0	2.1	287.0	12.00	12.00	0.00
11,150.0	69.49	179.59	11,018.1	-310.2	2.2	310.2	12.00	12.00	0.00
11,175.0	72.49	179.59	11,026.3	-333.8	2.4	333.8	12.00	12.00	0.00
11,200.0	75.49	179.59	11,033.1	-357.8	2.6	357.8	12.00	12.00	0.00
11,225.0	78.49	179.59	11,038.8	-382.2	2.7	382.2	12.00	12.00	0.00
11,250.0	81.49	179.59	11,043.1	-406.8	2.9	406.8	12.00	12.00	0.00
11,275.0	84.49	179.59	11,046.2	-431.6	3.1	431.6	12.00	12.00	0.00
11,300.0	87.49	179.59	11,047.9	-456.5	3.3	456.6	12.00	12.00	0.00
11,322.6	90.20	179.59	11,048.4	-479.1	3.4	479.1	12.00	12.00	0.00
11,400.0	90.20	179.59	11,048.1	-556.5	4.0	556.6	0.00	0.00	0.00
11,500.0	90.20	179.59	11,047.8	-656.5	4.7	656.6	0.00	0.00	0.00
11,600.0	90.20	179.59	11,047.4	-756.5	5.4	756.6	0.00	0.00	0.00
11,700.0	90.20	179.59	11,047.1	-856.5	6.1	856.6	0.00	0.00	0.00
11,800.0	90.20	179.59	11,046.7	-956.5	6.9	956.6	0.00	0.00	0.00
11,900.0	90.20	179.59	11,046.4	-1,056.5	7.6	1,056.6	0.00	0.00	0.00
12,000.0	90.20	179.59	11,046.0	-1,156.5	8.3	1,156.5	0.00	0.00	0.00
12,100.0	90.20	179.59	11,045.7	-1,256.5	9.0	1,256.5	0.00	0.00	0.00
12,200.0	90.20	179.59	11,045.3	-1,356.5	9.7	1,356.5	0.00	0.00	0.00
12,300.0	90.20	179.59	11,045.0	-1,456.5	10.4	1,456.5	0.00	0.00	0.00
12,400.0	90.20	179.59	11,044.6	-1,556.5	11.2	1,556.5	0.00	0.00	0.00
12,500.0	90.20	179.59	11,044.3	-1,656.5	11.9	1,656.5	0.00	0.00	0.00
12,600.0	90.20	179.59	11,043.9	-1,756.5	12.6	1,756.5	0.00	0.00	0.00
12,700.0	90.20	179.59	11,043.6	-1,856.5	13.3	1,856.5	0.00	0.00	0.00
12,800.0	90.20	179.59	11,043.2	-1,956.5	14.0	1,956.5	0.00	0.00	0.00
12,900.0	90.20	179.59	11,042.9	-2,056.5	14.7	2,056.5	0.00	0.00	0.00
13,000.0	90.20	179.59	11,042.5	-2,156.5	15.5	2,156.5	0.00	0.00	0.00
13,100.0	90.20	179.59	11,042.2	-2,256.5	16.2	2,256.5	0.00	0.00	0.00
13,200.0	90.20	179.59	11,041.8	-2,356.5	16.9	2,356.5	0.00	0.00	0.00
13,300.0	90.20	179.59	11,041.5	-2,456.5	17.6	2,456.5	0.00	0.00	0.00
13,400.0	90.20	179.59	11,041.1	-2,556.5	18.3	2,556.5	0.00	0.00	0.00
13,500.0	90.20	179.59	11,040.8	-2,656.5	19.0	2,656.5	0.00	0.00	0.00
13,600.0	90.20	179.59	11,040.4	-2,756.5	19.8	2,756.5	0.00	0.00	0.00
13,700.0	90.20	179.59	11,040.1	-2,856.5	20.5	2,856.5	0.00	0.00	0.00

Chesapeake Operating

Planning Report

Database:	Drilling Database	Local Co-ordinate Reference:	Site McCloy Ranch 29-24-33 ST 3H
Company:	Permian District	TVD Reference:	RKB @ 3548.0usft
Project:	NM - Bone Spring Sand Project	MD Reference:	RKB @ 3548.0usft
Site:	McCloy Ranch 29-24-33 ST 3H	North Reference:	Grid
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 23Jan13		

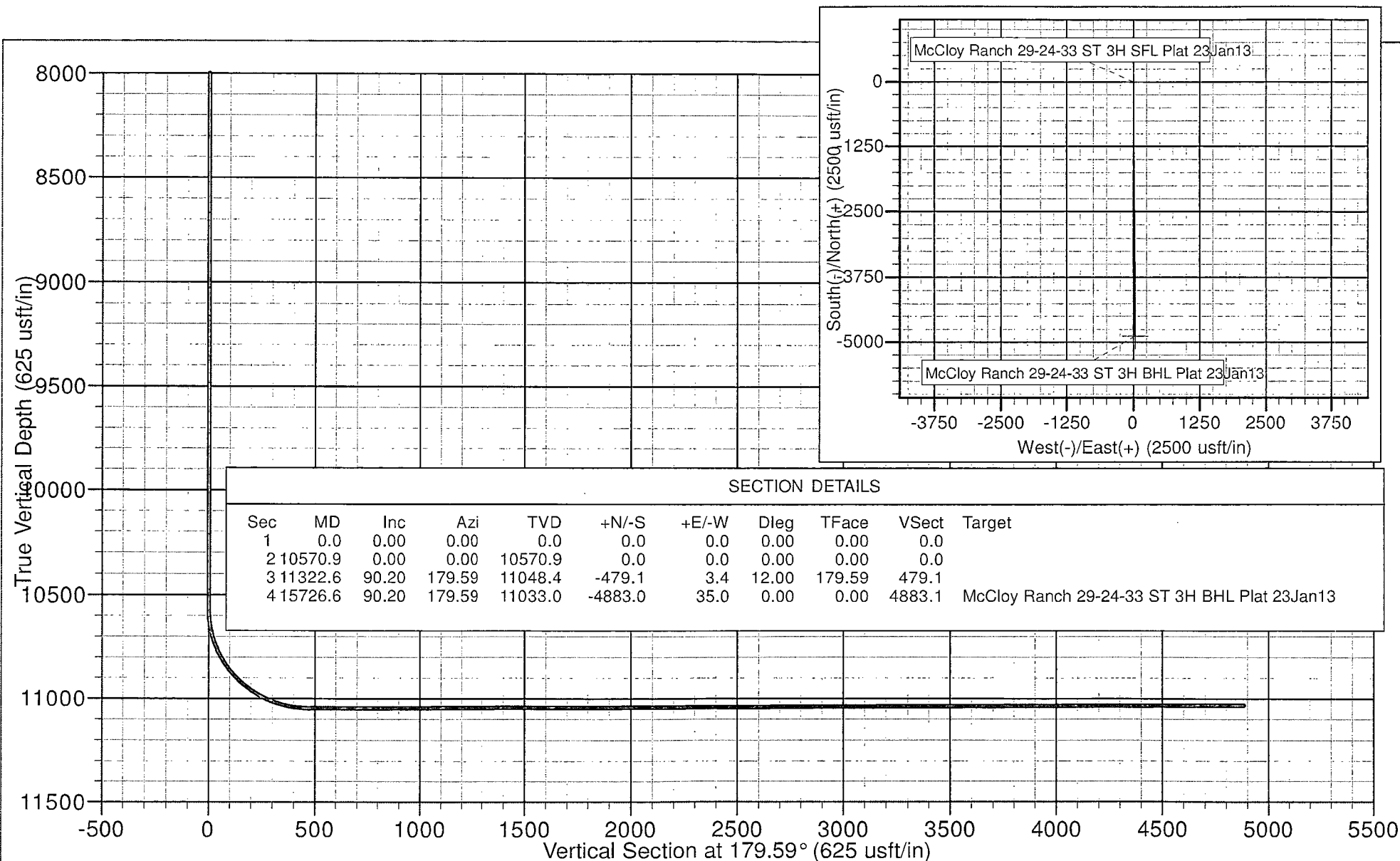
Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
13,800.0	90.20	179.59	11,039.7	-2,956.5	21.2	2,956.5	0.00	0.00	0.00	
13,900.0	90.20	179.59	11,039.4	-3,056.5	21.9	3,056.5	0.00	0.00	0.00	
14,000.0	90.20	179.59	11,039.0	-3,156.5	22.6	3,156.5	0.00	0.00	0.00	
14,100.0	90.20	179.59	11,038.7	-3,256.5	23.3	3,256.5	0.00	0.00	0.00	
14,200.0	90.20	179.59	11,038.3	-3,356.5	24.1	3,356.5	0.00	0.00	0.00	
14,300.0	90.20	179.59	11,038.0	-3,456.4	24.8	3,456.5	0.00	0.00	0.00	
14,400.0	90.20	179.59	11,037.6	-3,556.4	25.5	3,556.5	0.00	0.00	0.00	
14,500.0	90.20	179.59	11,037.3	-3,656.4	26.2	3,656.5	0.00	0.00	0.00	
14,600.0	90.20	179.59	11,036.9	-3,756.4	26.9	3,756.5	0.00	0.00	0.00	
14,700.0	90.20	179.59	11,036.6	-3,856.4	27.6	3,856.5	0.00	0.00	0.00	
14,800.0	90.20	179.59	11,036.2	-3,956.4	28.4	3,956.5	0.00	0.00	0.00	
14,900.0	90.20	179.59	11,035.9	-4,056.4	29.1	4,056.5	0.00	0.00	0.00	
15,000.0	90.20	179.59	11,035.5	-4,156.4	29.8	4,156.5	0.00	0.00	0.00	
15,100.0	90.20	179.59	11,035.2	-4,256.4	30.5	4,256.5	0.00	0.00	0.00	
15,200.0	90.20	179.59	11,034.8	-4,356.4	31.2	4,356.5	0.00	0.00	0.00	
15,300.0	90.20	179.59	11,034.5	-4,456.4	31.9	4,456.5	0.00	0.00	0.00	
15,400.0	90.20	179.59	11,034.1	-4,556.4	32.7	4,556.5	0.00	0.00	0.00	
15,500.0	90.20	179.59	11,033.8	-4,656.4	33.4	4,656.5	0.00	0.00	0.00	
15,600.0	90.20	179.59	11,033.4	-4,756.4	34.1	4,756.5	0.00	0.00	0.00	
15,700.0	90.20	179.59	11,033.1	-4,856.4	34.8	4,856.5	0.00	0.00	0.00	
15,726.6	90.20	179.59	11,033.0	-4,883.0	35.0	4,883.1	0.00	0.00	0.00	

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
McCloy Ranch 29-24-	0.00	0.00	0.0	0.0	0.0	435,635.00	729,376.00	11' 43.80454776 N 35'	30.60300219 W
- plan hits target center									
- Point									
McCloy Ranch 29-24-	0.00	0.00	11,033.0	-4,883.0	35.0	430,752.00	729,411.00	10' 55.48200479 N 35'	30.58748015 W
- plan hits target center									
- Point									

Project: NM - Bone Spring Sand Project
 Site: McCloy Ranch 29-24-33 ST 3H
 Well: Well #1
 Wellbore: Wellbore #1
 Design: Plat 23Jan13

PROJECT DETAILS: NM - Bone Spring Sand Project

Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001
 System Datum: Mean Sea Level





New Mexico Office of the State Engineer Water Column/Average Depth to Water

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

Basin/County Search:

Basin: Lea County

County: Lea

PLSS Search:

Section(s): 19, 20, 21, 28, Township: 24S Range: 33E
29, 30, 31, 32,
33

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1/30/13 6:52 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER