

NM OIL CONSERVATION
ARTESIA DISTRICT

APR 30 2015

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Yates Petroleum

Eddy County , N.M. NAD 83

Section 25/36-26S-27E Chamaeleon BIN State Com 2H

Chamaeleon BIN State Com #2H

Original Hole

Design: Original Hole

Standard Survey Report

17 September, 2014

30-015-42059

Stryker Directional Survey Report

Company:	Yates Petroleum	Local Co-ordinate Reference:	Well Chamaeleon BIN State Com #2H
Project:	Eddy County , N.M. NAD 83	TVD Reference:	3110 + 18.5 @ 3128.5usft (McVay #8)
Site:	Section 25/36-26S-27E Chamaeleon BIN State Com 2H	MD Reference:	3110 + 18.5 @ 3128.5usft (McVay #8)
Well:	Chamaeleon BIN State Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Project:	Eddy County , N.M. NAD 83
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Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site:	Section 25/36-26S-27E Chamaeleon BIN State Com 2H
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Site Position:		Northing:	371,226.09 usft	Latitude:	32° 1' 13.550 N
From:	Map	Easting:	601,766.64 usft	Longitude:	104° 8' 18.060 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.10 °

Well:	Chamaeleon BIN State Com #2H
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Well Position	+N/-S	0.0 usft	Northing:	371,226.09 usft	Latitude:	32° 1' 13.550 N
	+E/-W	0.0 usft	Easting:	601,766.64 usft	Longitude:	104° 8' 18.060 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,110.0 usft

Wellbore	Original Hole
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	8/12/2014	7.44	59.82	48,119

Design	Original Hole
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Audit Notes:	
Version:	1.0
Phase:	ACTUAL
Tie On Depth:	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	177.17

Survey Program	Date	9/17/2014
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From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
100.0	260.0	MS Gyro Survey (Original Hole)	Gyro	Gyro
260.0	14,596.0	Stryker MWD (Original Hole)	MWD	MWD v3:standard declination

Survey	
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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	0.47	208.54	100.0	-0.4	-0.2	0.4	0.47	0.47	0.00
200.0	0.28	226.50	200.0	-0.9	-0.6	0.9	0.22	-0.19	17.96
260.0	0.15	338.77	260.0	-0.9	-0.7	0.9	0.61	-0.22	187.12
260' MS Gyro Survey									
453.0	0.40	283.40	453.0	-0.5	-1.5	0.5	0.18	0.13	-28.69
539.0	1.10	286.50	539.0	-0.2	-2.5	0.1	0.82	0.81	3.60
629.0	1.10	276.20	629.0	0.1	-4.2	-0.3	0.22	0.00	-11.44
717.0	1.10	276.50	717.0	0.3	-5.9	-0.6	0.01	0.00	0.34

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Well:	Chamaeleon BIN State Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)	
803.0	1.30	281.60	802.9	0.6	-7.7	-1.0	0.26	0.23	5.93	
888.0	1.90	285.00	887.9	1.2	-10.0	-1.6	0.71	0.71	4.00	
978.0	3.50	296.10	977.8	2.7	-13.9	-3.4	1.86	1.78	12.33	
1,072.0	3.40	304.80	1,071.6	5.6	-18.8	-6.5	0.57	-0.11	9.26	
1,166.0	1.20	313.90	1,165.5	7.9	-21.8	-8.9	2.37	-2.34	9.68	
1,261.0	1.40	228.60	1,260.5	7.8	-23.3	-8.9	1.86	0.21	-89.79	
1,355.0	1.50	237.30	1,354.5	6.4	-25.2	-7.6	0.26	0.11	9.26	
1,449.0	1.70	229.10	1,448.5	4.8	-27.3	-6.1	0.32	0.21	-8.72	
1,543.0	1.00	188.80	1,542.4	3.1	-28.5	-4.5	1.21	-0.74	-42.87	
1,637.0	1.30	121.00	1,636.4	1.7	-27.7	-3.1	1.39	0.32	-72.13	
1,727.0	2.40	109.00	1,726.4	0.6	-25.1	-1.8	1.29	1.22	-13.33	
1,821.0	2.50	103.80	1,820.3	-0.6	-21.2	-0.5	0.26	0.11	-5.53	
1,915.0	4.10	95.70	1,914.1	-1.4	-15.9	0.6	1.77	1.70	-8.62	
2,009.0	4.80	90.60	2,007.8	-1.8	-8.6	1.3	0.85	0.74	-5.43	
2,104.0	4.40	83.10	2,102.5	-1.4	-1.0	1.3	0.76	-0.42	-7.89	
2,198.0	2.10	78.20	2,196.4	-0.6	4.3	0.8	2.46	-2.45	-5.21	
2,292.0	1.10	70.00	2,290.3	0.1	6.8	0.2	1.09	-1.06	-8.72	
2,393.0	1.10	54.90	2,391.3	1.0	8.5	-0.6	0.29	0.00	-14.95	
2,493.0	0.90	70.30	2,491.3	1.8	10.0	-1.3	0.33	-0.20	15.40	
2,591.0	0.80	72.90	2,589.3	2.3	11.4	-1.7	0.11	-0.10	2.65	
2,686.0	1.00	60.80	2,684.3	2.9	12.8	-2.2	0.29	0.21	-12.74	
2,780.0	0.90	58.10	2,778.3	3.6	14.1	-2.9	0.12	-0.11	-2.87	
2,874.0	1.10	55.30	2,872.3	4.5	15.5	-3.8	0.22	0.21	-2.98	
2,969.0	1.10	68.00	2,967.2	5.4	17.1	-4.6	0.26	0.00	13.37	
3,063.0	1.10	62.50	3,061.2	6.2	18.7	-5.2	0.11	0.00	-5.85	
3,157.0	0.70	63.30	3,155.2	6.8	20.0	-5.8	0.43	-0.43	0.85	
3,345.0	0.60	38.50	3,343.2	8.1	21.7	-7.0	0.16	-0.05	-13.19	
3,535.0	0.40	21.70	3,533.2	9.5	22.5	-8.4	0.13	-0.11	-8.84	
3,723.0	0.40	7.10	3,721.2	10.8	22.8	-9.6	0.05	0.00	-7.77	
3,911.0	0.20	284.00	3,909.2	11.5	22.6	-10.4	0.23	-0.11	-44.20	
4,099.0	0.50	272.50	4,097.2	11.6	21.5	-10.6	0.16	0.16	-6.12	
4,287.0	0.40	246.10	4,285.2	11.4	20.0	-10.4	0.12	-0.05	-14.04	
4,476.0	0.90	226.30	4,474.2	10.1	18.4	-9.2	0.29	0.26	-10.48	
4,664.0	1.20	221.40	4,662.1	7.6	16.0	-6.8	0.17	0.16	-2.61	
4,852.0	1.30	228.00	4,850.1	4.7	13.1	-4.0	0.09	0.05	3.51	
5,040.0	1.60	226.70	5,038.0	1.5	9.6	-1.0	0.16	0.16	-0.69	
5,229.0	1.70	225.90	5,227.0	-2.3	5.7	2.6	0.05	0.05	-0.42	
5,417.0	1.30	256.00	5,414.9	-4.7	1.6	4.8	0.46	-0.21	16.01	
5,605.0	0.10	315.60	5,602.9	-5.1	-0.6	5.1	0.67	-0.64	31.70	
5,793.0	0.40	178.80	5,790.9	-5.7	-0.7	5.6	0.25	0.16	-72.77	
5,982.0	0.40	194.50	5,979.9	-7.0	-0.8	6.9	0.06	0.00	8.31	
6,170.0	0.90	209.10	6,167.9	-8.9	-1.7	8.8	0.28	0.27	7.77	

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Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
6,358.0	1.30	234.70	6,355.8	-11.4	-4.2	11.2	0.33	0.21	13.62	
6,546.0	1.10	251.10	6,543.8	-13.2	-7.6	12.9	0.21	-0.11	8.72	
6,735.0	1.50	246.80	6,732.7	-14.8	-11.6	14.2	0.22	0.21	-2.28	
6,923.0	1.90	214.70	6,920.7	-18.3	-15.6	17.5	0.54	0.21	-17.07	
7,111.0	1.70	204.90	7,108.6	-23.4	-18.6	22.5	0.19	-0.11	-5.21	
7,143.0	1.70	201.80	7,140.5	-24.3	-19.0	23.3	0.29	0.00	-9.69	
7,174.0	1.90	201.80	7,171.5	-25.2	-19.3	24.2	0.65	0.65	0.00	
7,205.0	4.40	172.90	7,202.5	-26.9	-19.4	25.9	9.31	8.06	-93.23	
7,236.0	8.60	167.00	7,233.3	-30.3	-18.7	29.3	13.70	13.55	-19.03	
7,268.0	11.50	168.60	7,264.8	-35.8	-17.5	34.9	9.10	9.06	5.00	
7,299.0	13.80	170.60	7,295.0	-42.4	-16.3	41.6	7.55	7.42	6.45	
7,331.0	16.30	168.40	7,325.9	-50.6	-14.8	49.8	8.01	7.81	-6.88	
7,362.0	19.20	168.00	7,355.5	-59.9	-12.9	59.1	9.36	9.35	-1.29	
7,394.0	21.90	167.10	7,385.4	-70.8	-10.4	70.2	8.49	8.44	-2.81	
7,425.0	25.50	167.90	7,413.8	-83.0	-7.7	82.5	11.66	11.61	2.58	
7,456.0	28.90	170.50	7,441.4	-96.9	-5.1	96.5	11.62	10.97	8.39	
7,488.0	31.10	171.40	7,469.1	-112.7	-2.6	112.4	7.02	6.88	2.81	
7,519.0	33.00	173.50	7,495.4	-129.0	-0.4	128.8	7.10	6.13	6.77	
7,551.0	36.50	176.70	7,521.6	-147.2	1.1	147.0	12.33	10.94	10.00	
7,582.0	40.10	177.20	7,546.0	-166.4	2.1	166.3	11.66	11.61	1.61	
7,614.0	44.80	176.30	7,569.6	-187.9	3.4	187.9	14.81	14.69	-2.81	
7,645.0	48.80	176.20	7,590.8	-210.5	4.8	210.4	12.91	12.90	-0.32	
7,676.0	51.90	176.40	7,610.6	-234.3	6.4	234.3	10.01	10.00	0.65	
7,708.0	54.20	176.40	7,629.8	-259.8	8.0	259.9	7.19	7.19	0.00	
7,739.0	56.10	175.60	7,647.5	-285.2	9.8	285.3	6.48	6.13	-2.58	
7,771.0	58.70	175.10	7,664.8	-312.0	11.9	312.2	8.23	8.13	-1.56	
7,802.0	61.90	175.50	7,680.1	-338.9	14.1	339.2	10.38	10.32	1.29	
7,833.0	64.50	175.90	7,694.1	-366.5	16.2	366.8	8.47	8.39	1.29	
7,868.0	66.90	175.00	7,708.5	-398.3	18.7	398.7	7.25	6.86	-2.57	
7,899.0	68.40	174.60	7,720.3	-426.8	21.3	427.3	4.98	4.84	-1.29	
7,931.0	70.10	175.10	7,731.6	-456.6	24.0	457.2	5.51	5.31	1.56	
7,962.0	71.70	176.60	7,741.8	-485.8	26.2	486.5	6.90	5.16	4.84	
7,994.0	74.10	177.50	7,751.2	-516.4	27.7	517.1	7.97	7.50	2.81	
8,025.0	77.10	177.50	7,758.9	-546.4	29.0	547.1	9.68	9.68	0.00	
8,056.0	80.10	177.30	7,765.0	-576.7	30.4	577.5	9.70	9.68	-0.65	
8,088.0	83.30	176.90	7,769.6	-608.3	32.0	609.2	10.08	10.00	-1.25	
8,119.0	86.80	176.50	7,772.3	-639.2	33.8	640.1	11.36	11.29	-1.29	
8,142.0	88.90	177.40	7,773.2	-662.1	35.0	663.0	9.93	9.13	3.91	
8,173.0	90.80	177.20	7,773.2	-693.1	36.5	694.0	6.16	6.13	-0.65	
8,205.0	91.20	177.20	7,772.7	-725.0	38.0	726.0	1.25	1.25	0.00	
8,236.0	91.50	177.20	7,771.9	-756.0	39.6	757.0	0.97	0.97	0.00	
8,267.0	91.80	177.30	7,771.1	-786.9	41.0	788.0	1.02	0.97	0.32	
8,299.0	92.30	177.50	7,769.9	-818.9	42.5	820.0	1.68	1.56	0.63	

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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)
8,330.0	92.00	177.60	7,768.7	-849.8	43.8	851.0	1.02	-0.97	0.32
8,362.0	92.40	177.90	7,767.5	-881.8	45.1	882.9	1.56	1.25	0.94
8,455.0	90.70	177.60	7,765.0	-974.7	48.7	975.9	1.86	-1.83	-0.32
8,550.0	90.00	176.70	7,764.4	-1,069.6	53.4	1,070.9	1.20	-0.74	-0.95
8,644.0	90.10	176.10	7,764.3	-1,163.4	59.3	1,164.9	0.65	0.11	-0.64
8,738.0	89.50	176.30	7,764.7	-1,257.2	65.6	1,258.9	0.67	-0.64	0.21
8,833.0	90.80	176.20	7,764.4	-1,352.0	71.8	1,353.9	1.37	1.37	-0.11
8,927.0	89.50	176.30	7,764.2	-1,445.8	77.9	1,447.8	1.39	-1.38	0.11
9,021.0	90.10	175.70	7,764.5	-1,539.5	84.5	1,541.8	0.90	0.64	-0.64
9,115.0	89.20	175.20	7,765.1	-1,633.2	91.9	1,635.8	1.10	-0.96	-0.53
9,209.0	88.50	176.00	7,767.0	-1,726.9	99.2	1,729.7	1.13	-0.74	0.85
9,303.0	89.50	175.70	7,768.6	-1,820.7	106.0	1,823.7	1.11	1.06	-0.32
9,397.0	88.70	176.70	7,770.1	-1,914.4	112.2	1,917.7	1.36	-0.85	1.06
9,491.0	88.00	178.50	7,772.8	-2,008.3	116.1	2,011.6	2.05	-0.74	1.91
9,585.0	88.90	178.60	7,775.3	-2,102.3	118.5	2,105.5	0.96	0.96	0.11
9,680.0	90.20	178.60	7,776.1	-2,197.2	120.8	2,200.5	1.37	1.37	0.00
9,774.0	90.60	178.20	7,775.4	-2,291.2	123.4	2,294.5	0.60	0.43	-0.43
9,868.0	91.60	178.10	7,773.6	-2,385.1	126.5	2,388.5	1.07	1.06	-0.11
9,963.0	90.90	178.20	7,771.5	-2,480.0	129.5	2,483.4	0.74	-0.74	0.11
10,063.0	86.80	177.60	7,773.6	-2,579.9	133.2	2,583.4	4.14	-4.10	-0.60
10,157.0	89.50	177.70	7,776.6	-2,673.8	137.1	2,677.3	2.87	2.87	0.11
10,251.0	90.90	177.40	7,776.3	-2,767.7	141.1	2,771.3	1.52	1.49	-0.32
10,345.0	90.40	176.40	7,775.2	-2,861.6	146.2	2,865.3	1.19	-0.53	-1.06
10,439.0	88.60	177.10	7,776.0	-2,955.4	151.5	2,959.3	2.05	-1.91	0.74
10,533.0	89.80	177.00	7,777.3	-3,049.3	156.3	3,053.3	1.28	1.28	-0.11
10,627.0	89.30	176.90	7,778.1	-3,143.1	161.3	3,147.3	0.54	-0.53	-0.11
10,721.0	89.00	177.70	7,779.5	-3,237.0	165.8	3,241.3	0.91	-0.32	0.85
10,816.0	87.60	177.50	7,782.3	-3,331.9	169.7	3,336.2	1.49	-1.47	-0.21
10,910.0	89.40	177.20	7,784.7	-3,425.8	174.1	3,430.2	1.94	1.91	-0.32
11,004.0	90.60	177.10	7,784.7	-3,519.6	178.8	3,524.2	1.28	1.28	-0.11
11,098.0	89.90	177.20	7,784.3	-3,613.5	183.4	3,618.2	0.75	-0.74	0.11
11,192.0	88.50	177.20	7,785.6	-3,707.4	188.0	3,712.2	1.49	-1.49	0.00
11,286.0	90.10	177.20	7,786.8	-3,801.3	192.6	3,806.1	1.70	1.70	0.00
11,380.0	89.50	177.60	7,787.1	-3,895.2	196.9	3,900.1	0.77	-0.64	0.43
11,474.0	90.70	177.70	7,787.0	-3,989.1	200.7	3,994.1	1.28	1.28	0.11
11,569.0	90.30	178.60	7,786.1	-4,084.0	203.8	4,089.1	1.04	-0.42	0.95
11,663.0	89.80	179.00	7,786.0	-4,178.0	205.8	4,183.1	0.68	-0.53	0.43
11,757.0	88.50	178.40	7,787.4	-4,272.0	207.9	4,277.0	1.52	-1.38	-0.64
11,851.0	88.50	176.40	7,789.9	-4,365.8	212.2	4,371.0	2.13	0.00	-2.13
11,945.0	90.00	176.40	7,791.1	-4,459.7	218.1	4,465.0	1.60	1.60	0.00
12,039.0	90.40	176.80	7,790.8	-4,553.5	223.6	4,559.0	0.60	0.43	0.43
12,134.0	89.00	177.40	7,791.3	-4,648.4	228.4	4,654.0	1.60	-1.47	0.63

Stryker Directional Survey Report

Company:	Yates Petroleum	Local Co-ordinate Reference:	Well Chamaeleon BIN State Com #2H
Project:	Eddy County , N.M. NAD 83	TVD Reference:	3110 + 18.5 @ 3128.5usft (McVay #8)
Site:	Section 25/36-26S-27E Chamaeleon BIN State Com 2H	MD Reference:	3110 + 18.5 @ 3128.5usft (McVay #8)
Well:	Chamaeleon BIN State Com #2H	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Original Hole	Database:	Stryker_EDM

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)	
12,228.0	88.40	177.10	7,793.4	-4,742.2	232.9	4,747.9	0.71	-0.64	-0.32	
12,322.0	89.60	177.50	7,795.1	-4,836.1	237.4	4,841.9	1.35	1.28	0.43	
12,416.0	88.50	176.40	7,796.6	-4,930.0	242.4	4,935.9	1.65	-1.17	-1.17	
12,510.0	90.20	176.20	7,797.7	-5,023.8	248.4	5,029.9	1.82	1.81	-0.21	
12,605.0	90.80	176.00	7,796.9	-5,118.5	254.9	5,124.9	0.67	0.63	-0.21	
12,700.0	89.30	175.40	7,796.8	-5,213.3	262.0	5,219.8	1.70	-1.58	-0.63	
12,794.0	90.60	176.70	7,796.9	-5,307.0	268.5	5,313.8	1.96	1.38	1.38	
12,888.0	89.30	177.30	7,796.9	-5,400.9	273.4	5,407.8	1.52	-1.38	0.64	
12,982.0	89.60	177.70	7,797.8	-5,494.8	277.5	5,501.8	0.53	0.32	0.43	
13,076.0	91.10	178.10	7,797.3	-5,588.7	281.0	5,595.8	1.65	1.60	0.43	
13,171.0	91.10	178.60	7,795.4	-5,683.7	283.7	5,690.8	0.53	0.00	0.53	
13,265.0	90.20	177.60	7,794.4	-5,777.6	286.8	5,784.7	1.43	-0.96	-1.06	
13,359.0	88.00	177.10	7,795.9	-5,871.5	291.2	5,878.7	2.40	-2.34	-0.53	
13,454.0	88.30	176.40	7,798.9	-5,966.3	296.5	5,973.7	0.80	0.32	-0.74	
13,548.0	88.10	176.20	7,801.9	-6,060.1	302.6	6,067.6	0.30	-0.21	-0.21	
13,642.0	88.90	176.70	7,804.3	-6,153.8	308.4	6,161.6	1.00	0.85	0.53	
13,736.0	89.50	177.50	7,805.7	-6,247.7	313.2	6,255.6	1.06	0.64	0.85	
13,829.0	91.20	176.90	7,805.1	-6,340.6	317.7	6,348.5	1.94	1.83	-0.65	
13,923.0	92.00	176.70	7,802.5	-6,434.4	323.0	6,442.5	0.88	0.85	-0.21	
14,018.0	90.90	176.40	7,800.1	-6,529.2	328.7	6,537.5	1.20	-1.16	-0.32	
14,112.0	91.90	176.20	7,797.8	-6,623.0	334.7	6,631.4	1.08	1.06	-0.21	
14,206.0	91.00	176.00	7,795.4	-6,716.7	341.1	6,725.4	0.98	-0.96	-0.21	
14,300.0	91.80	175.90	7,793.1	-6,810.5	347.8	6,819.3	0.86	0.85	-0.11	
14,394.0	90.50	176.50	7,791.2	-6,904.2	354.0	6,913.3	1.52	-1.38	0.64	
14,488.0	91.40	175.90	7,789.6	-6,998.0	360.2	7,007.3	1.15	0.96	-0.64	
14,551.0	92.00	175.20	7,787.8	-7,060.8	365.1	7,070.2	1.46	0.95	-1.11	
14,596.0	92.00	175.20	7,786.2	-7,105.6	368.9	7,115.2	0.00	0.00	0.00	
14596' MD Projected to Bit										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
260.0	260.0	-0.9	-0.7	260' MS Gyro Survey	
14,596.0	7,786.2	-7,105.6	368.9	14596' MD Projected to Bit	



COMPANY: Yates Petroleum
 WELL: Chamaeleon BIN State Com #2H
 COUNTY: Eddy County, N.M. NAD 83
 DATUM: North American Datum 1983
 RIG: McVay #8



OFFICE: 936.582.7294

GRID CORRECTION: To convert a Magnetic Direction to a Grid Direction, Add 7.34°

GEODETIC ZONE: New Mexico Eastern Zone										Slot
3110 + 18.5 @ 3128.5usft (McVay #8)										
GROUND ELEVATION: 3110.0										
+N-S	+E-W	Northing	Easting	Latitude	Longitude					
0.0	0.0	371226.09	601766.64	32° 1' 13.550 N	104° 8' 18.060 W					
PLAN SECTIONS										
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	7187.1	0.00	0.00	7187.1	0.0	0.0	0.00	0.00	0.0	
3	8082.7	89.56	177.17	7760.0	-567.9	28.1	10.00	177.17	568.6	
4	14631.4	89.56	177.17	7810.0	-7108.4	351.5	0.00	0.00	7117.1	PBHL Chamaeleon BIN State Com #2H
5	14731.4	89.56	177.17	7810.8	-7208.3	356.4	0.00	0.00	7217.1	

