

30-025-40922

Permian District

NM- Lea- Avalon

Paduca Breaks West 32-26-32 ST 1H

Well #1

Wellbore #1

Plan: Plat 11Jan13

HOBBS OCD

JAN 16 2013

RECEIVED

Standard Planning Report

15 January, 2013

Chesapeake Operating

Planning Report

Database:	Drilling Database	Local Co-ordinate Reference:	Site Paduca Breaks West 32-26-32 ST 1H
Company:	Permian District	TVD Reference:	RKB @ 3118.0usft
Project:	NM- Lea- Avalon	MD Reference:	RKB @ 3118.0usft
Site:	Paduca Breaks West 32-26-32 ST 1H	North Reference:	Grid
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 11Jan13		

Project:	NM- Lea- Avalon		
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:	Paduca Breaks West 32-26-32 ST 1H		
Site Position:		Northing:	366,121.00 ft
From:	Map	Easting:	699,816.00 ft
Position Uncertainty:	0.0 usft	Slot Radius:	13.200 in
		Latitude:	32° 0' 17.78608162 N
		Longitude:	103° 41' 19.42973438 W
		Grid Convergence:	0.34 °

Well:	Well #1		
Well Position	+N/-S	0.0 usft	Northing: 366,121.00 ft
	+E/-W	0.0 usft	Easting: 699,816.00 ft
Position Uncertainty	0.0 usft	Wellhead Elevation:	3,101.0 usft
		Latitude:	32° 0' 17.78608162 N
		Longitude:	103° 41' 19.42973438 W
		Ground Level:	3,101.0 usft

Wellbore:	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF2010	1/15/2013	7.43	59.92	48,315

Design:	Plat 11Jan13			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.0	0.0	0.0	269.53

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	
8,342.4	0.00	0.00	8,342.4	0.0	0.0	0.00	0.00	0.00	0.00	
9,102.4	91.20	269.53	8,819.8	-4.0	-487.4	12.00	12.00	0.00	269.53	
13,394.0	91.20	269.53	8,729.9	-39.0	-4,778.0	0.00	0.00	0.00	0.00	Paduca Breaks We

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Project:	NM- Lea- Avalon	MD Reference:	RKB @ 3118.0usft
Site:	Paduca Breaks West 32-26-32 ST 1H	North Reference:	Grid
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 11Jan13		

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

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Wellbore:	Wellbore #1		
Design:	Plat 11Jan13		

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
8,342.4	0.00	0.00	8,342.4	0.0	0.0	0.0	0.00	0.00	0.00
8,350.0	0.91	269.53	8,350.0	0.0	-0.1	0.1	12.00	12.00	0.00
8,375.0	3.91	269.53	8,375.0	0.0	-1.1	1.1	12.00	12.00	0.00
8,400.0	6.91	269.53	8,399.9	0.0	-3.5	3.5	12.00	12.00	0.00
8,425.0	9.91	269.53	8,424.6	-0.1	-7.1	7.1	12.00	12.00	0.00
8,450.0	12.91	269.53	8,449.1	-0.1	-12.1	12.1	12.00	12.00	0.00
8,475.0	15.91	269.53	8,473.3	-0.1	-18.3	18.3	12.00	12.00	0.00
8,500.0	18.91	269.53	8,497.2	-0.2	-25.8	25.8	12.00	12.00	0.00
8,525.0	21.91	269.53	8,520.6	-0.3	-34.5	34.5	12.00	12.00	0.00
8,550.0	24.91	269.53	8,543.5	-0.4	-44.4	44.4	12.00	12.00	0.00
8,575.0	27.91	269.53	8,565.9	-0.5	-55.5	55.5	12.00	12.00	0.00
8,600.0	30.91	269.53	8,587.7	-0.6	-67.8	67.8	12.00	12.00	0.00
8,625.0	33.91	269.53	8,608.8	-0.7	-81.2	81.2	12.00	12.00	0.00
8,650.0	36.91	269.53	8,629.2	-0.8	-95.7	95.7	12.00	12.00	0.00
8,675.0	39.91	269.53	8,648.8	-0.9	-111.2	111.2	12.00	12.00	0.00
8,700.0	42.91	269.53	8,667.5	-1.0	-127.8	127.8	12.00	12.00	0.00
8,725.0	45.91	269.53	8,685.4	-1.2	-145.2	145.3	12.00	12.00	0.00
8,750.0	48.91	269.53	8,702.3	-1.3	-163.6	163.7	12.00	12.00	0.00
8,775.0	51.91	269.53	8,718.2	-1.5	-182.9	182.9	12.00	12.00	0.00
8,800.0	54.91	269.53	8,733.1	-1.7	-203.0	203.0	12.00	12.00	0.00
8,825.0	57.91	269.53	8,746.9	-1.8	-223.8	223.8	12.00	12.00	0.00
8,850.0	60.91	269.53	8,759.7	-2.0	-245.3	245.3	12.00	12.00	0.00
8,875.0	63.91	269.53	8,771.2	-2.2	-267.5	267.5	12.00	12.00	0.00
8,900.0	66.91	269.53	8,781.6	-2.4	-290.2	290.2	12.00	12.00	0.00

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Project:	NM- Lea- Avalon	MD Reference:	RKB @ 3118.0usft
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Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 11Jan13		

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)	
8,925.0	69.91	269.53	8,790.8	-2.6	-313.4	313.5	12.00	12.00	0.00	
8,950.0	72.91	269.53	8,798.8	-2.8	-337.1	337.2	12.00	12.00	0.00	
8,975.0	75.91	269.53	8,805.5	-2.9	-361.2	361.2	12.00	12.00	0.00	
9,000.0	78.91	269.53	8,811.0	-3.1	-385.6	385.6	12.00	12.00	0.00	
9,025.0	81.91	269.53	8,815.1	-3.3	-410.3	410.3	12.00	12.00	0.00	
9,050.0	84.91	269.53	8,818.0	-3.6	-435.1	435.1	12.00	12.00	0.00	
9,075.0	87.91	269.53	8,819.6	-3.8	-460.0	460.1	12.00	12.00	0.00	
9,102.4	91.20	269.53	8,819.8	-4.0	-487.4	487.5	12.00	12.00	0.00	
9,200.0	91.20	269.53	8,817.7	-4.8	-585.0	585.0	0.00	0.00	0.00	
9,300.0	91.20	269.53	8,815.6	-5.6	-685.0	685.0	0.00	0.00	0.00	
9,400.0	91.20	269.53	8,813.5	-6.4	-785.0	785.0	0.00	0.00	0.00	
9,500.0	91.20	269.53	8,811.5	-7.2	-884.9	885.0	0.00	0.00	0.00	
9,600.0	91.20	269.53	8,809.4	-8.0	-984.9	984.9	0.00	0.00	0.00	
9,700.0	91.20	269.53	8,807.3	-8.9	-1,084.9	1,084.9	0.00	0.00	0.00	
9,800.0	91.20	269.53	8,805.2	-9.7	-1,184.9	1,184.9	0.00	0.00	0.00	
9,900.0	91.20	269.53	8,803.1	-10.5	-1,284.8	1,284.9	0.00	0.00	0.00	
10,000.0	91.20	269.53	8,801.0	-11.3	-1,384.8	1,384.9	0.00	0.00	0.00	
10,100.0	91.20	269.53	8,798.9	-12.1	-1,484.8	1,484.8	0.00	0.00	0.00	
10,200.0	91.20	269.53	8,796.8	-12.9	-1,584.8	1,584.8	0.00	0.00	0.00	
10,300.0	91.20	269.53	8,794.7	-13.8	-1,684.7	1,684.8	0.00	0.00	0.00	
10,400.0	91.20	269.53	8,792.6	-14.6	-1,784.7	1,784.8	0.00	0.00	0.00	
10,500.0	91.20	269.53	8,790.5	-15.4	-1,884.7	1,884.7	0.00	0.00	0.00	
10,600.0	91.20	269.53	8,788.4	-16.2	-1,984.7	1,984.7	0.00	0.00	0.00	
10,700.0	91.20	269.53	8,786.3	-17.0	-2,084.6	2,084.7	0.00	0.00	0.00	
10,800.0	91.20	269.53	8,784.2	-17.8	-2,184.6	2,184.7	0.00	0.00	0.00	
10,900.0	91.20	269.53	8,782.1	-18.6	-2,284.6	2,284.7	0.00	0.00	0.00	
11,000.0	91.20	269.53	8,780.0	-19.5	-2,384.6	2,384.6	0.00	0.00	0.00	
11,100.0	91.20	269.53	8,777.9	-20.3	-2,484.5	2,484.6	0.00	0.00	0.00	
11,200.0	91.20	269.53	8,775.8	-21.1	-2,584.5	2,584.6	0.00	0.00	0.00	
11,300.0	91.20	269.53	8,773.8	-21.9	-2,684.5	2,684.6	0.00	0.00	0.00	
11,400.0	91.20	269.53	8,771.7	-22.7	-2,784.5	2,784.5	0.00	0.00	0.00	
11,500.0	91.20	269.53	8,769.6	-23.5	-2,884.4	2,884.5	0.00	0.00	0.00	
11,600.0	91.20	269.53	8,767.5	-24.4	-2,984.4	2,984.5	0.00	0.00	0.00	
11,700.0	91.20	269.53	8,765.4	-25.2	-3,084.4	3,084.5	0.00	0.00	0.00	
11,800.0	91.20	269.53	8,763.3	-26.0	-3,184.3	3,184.5	0.00	0.00	0.00	
11,900.0	91.20	269.53	8,761.2	-26.8	-3,284.3	3,284.4	0.00	0.00	0.00	
12,000.0	91.20	269.53	8,759.1	-27.6	-3,384.3	3,384.4	0.00	0.00	0.00	
12,100.0	91.20	269.53	8,757.0	-28.4	-3,484.3	3,484.4	0.00	0.00	0.00	
12,200.0	91.20	269.53	8,754.9	-29.3	-3,584.2	3,584.4	0.00	0.00	0.00	
12,300.0	91.20	269.53	8,752.8	-30.1	-3,684.2	3,684.3	0.00	0.00	0.00	
12,400.0	91.20	269.53	8,750.7	-30.9	-3,784.2	3,784.3	0.00	0.00	0.00	
12,500.0	91.20	269.53	8,748.6	-31.7	-3,884.2	3,884.3	0.00	0.00	0.00	
12,600.0	91.20	269.53	8,746.5	-32.5	-3,984.1	3,984.3	0.00	0.00	0.00	
12,700.0	91.20	269.53	8,744.4	-33.3	-4,084.1	4,084.3	0.00	0.00	0.00	
12,800.0	91.20	269.53	8,742.3	-34.2	-4,184.1	4,184.2	0.00	0.00	0.00	
12,900.0	91.20	269.53	8,740.2	-35.0	-4,284.1	4,284.2	0.00	0.00	0.00	
13,000.0	91.20	269.53	8,738.2	-35.8	-4,384.0	4,384.2	0.00	0.00	0.00	
13,100.0	91.20	269.53	8,736.1	-36.6	-4,484.0	4,484.2	0.00	0.00	0.00	
13,200.0	91.20	269.53	8,734.0	-37.4	-4,584.0	4,584.1	0.00	0.00	0.00	
13,300.0	91.20	269.53	8,731.9	-38.2	-4,684.0	4,684.1	0.00	0.00	0.00	
13,394.0	91.20	269.53	8,729.9	-39.0	-4,778.0	4,778.1	0.00	0.00	0.00	

Chesapeake Operating

Planning Report

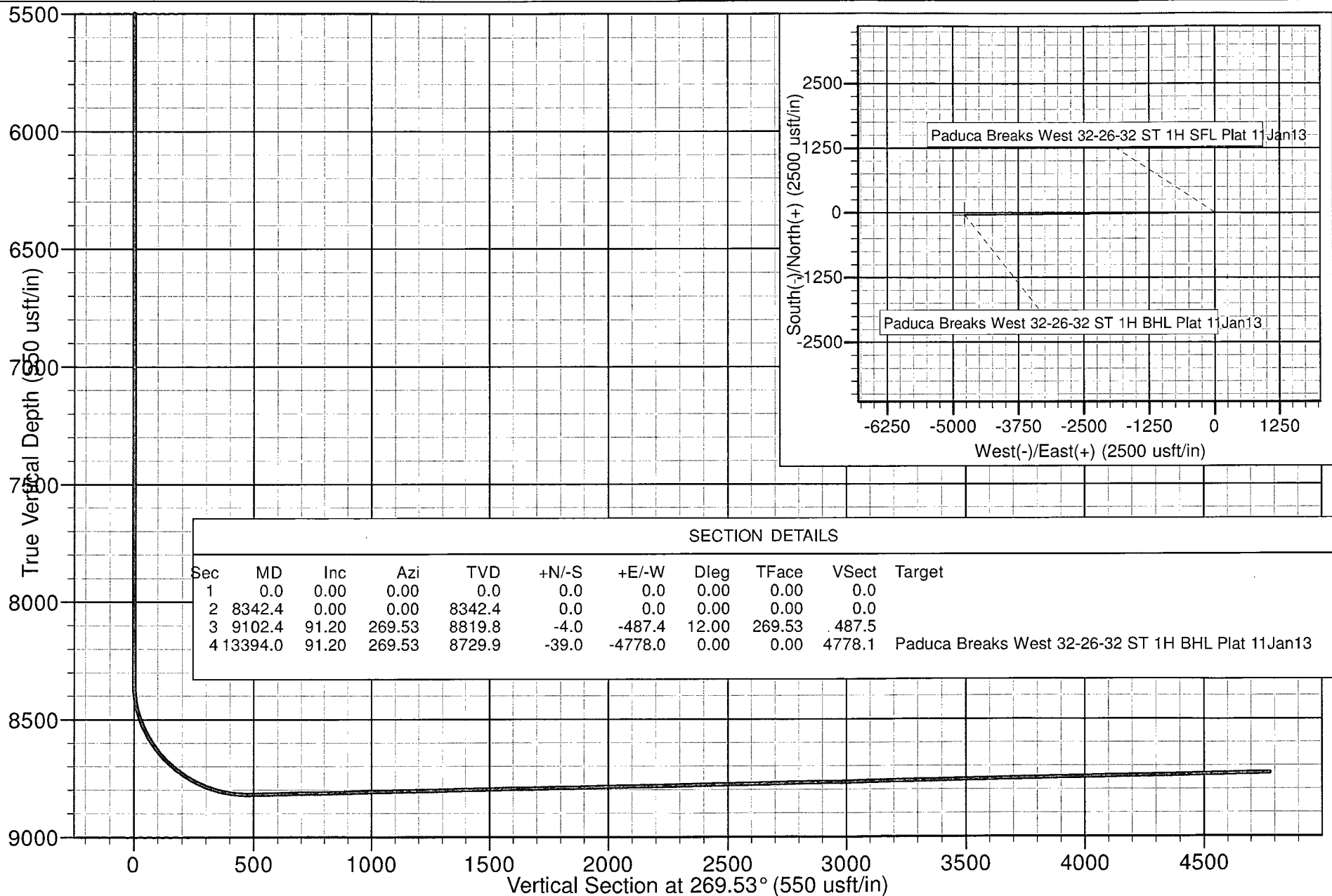
Database:	Drilling Database	Local Co-ordinate Reference:	Site Paduca Breaks West 32-26-32 ST 1H
Company:	Permian District	TVD Reference:	RKB @ 3118.0usft
Project:	NM- Lea- Avalon	MD Reference:	RKB @ 3118.0usft
Site:	Paduca Breaks West 32-26-32 ST 1H	North Reference:	Grid
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plat 11Jan13		

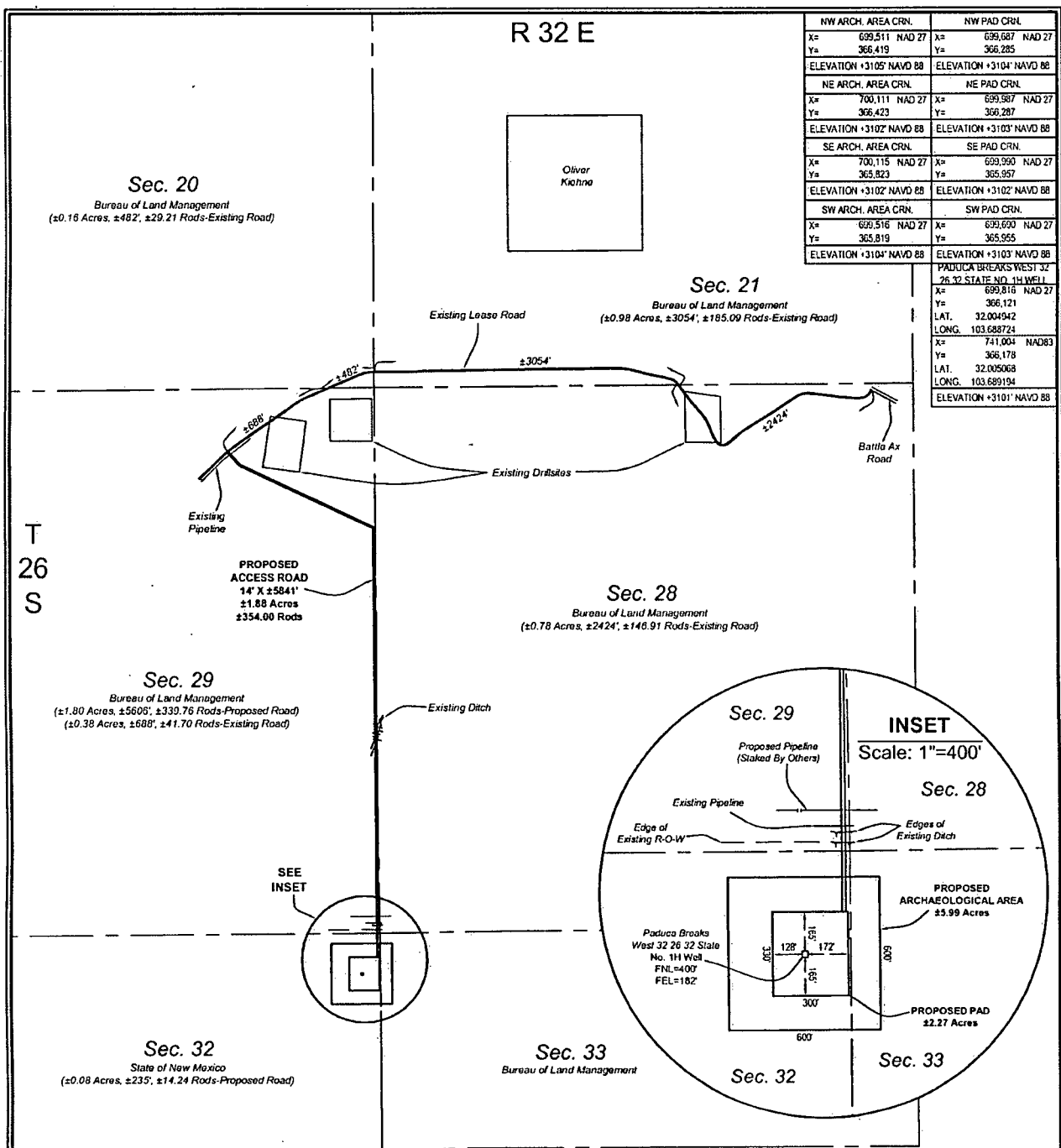
Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(ft)	(ft)		
- Shape									
Paduca Breaks West	0.00	0.00	0.0	0.0	0.0	366,121.00	699,816.00	° 0' 17.78608162 N	41' 19.42973438 W
- plan hits target center									
- Point									
Paduca Breaks West	0.00	0.00	8,729.9	-39.0	-4,778.0	366,082.00	695,038.00	° 0' 17.67870972 N	42' 14.91922208 W
- plan hits target center									
- Point									

Project: NM- Lea- Avalon
 Site: Paduca Breaks West 32-26-32 ST 1H
 Well: Well #1
 Wellbore: Wellbore #1
 Design: Plat 11Jan13

PROJECT DETAILS: NM- Lea- Avalon

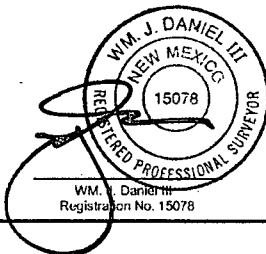
Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001
 System Datum: Mean Sea Level





NW ARCH. AREA CRN.	NW PAD CRN.
X= 699,511 NAD 27 Y= 366,419	X= 699,687 NAD 27 Y= 366,285
ELEVATION +3105' NAVD 88	ELEVATION +3104' NAVD 88
NE ARCH. AREA CRN.	NE PAD CRN.
X= 700,111 NAD 27 Y= 366,423	X= 699,567 NAD 27 Y= 366,287
ELEVATION +3102' NAVD 88	ELEVATION +3103' NAVD 88
SE ARCH. AREA CRN.	SE PAD CRN.
X= 700,115 NAD 27 Y= 365,823	X= 699,590 NAD 27 Y= 365,957
ELEVATION +3102' NAVD 88	ELEVATION +3102' NAVD 88
SW ARCH. AREA CRN.	SW PAD CRN.
X= 699,516 NAD 27 Y= 365,819	X= 699,690 NAD 27 Y= 365,955
ELEVATION +3104' NAVD 88	ELEVATION +3103' NAVD 88
PADUCA BREAKS WEST 32 26 32 STATE NO. 1H WELL	
X= 699,816 NAD 27 Y= 366,121	
LAT. 32.004942	
LONG. 103.688724	
X= 741,004 NAD83 Y= 366,178	
LAT. 32.005068	
LONG. 103.689194	
ELEVATION +3101' NAVD 88	

FOR THE EXCLUSIVE USE OF
CHEVRON U.S.A. INC.
I, WM. J. DANIEL III, Registered Professional
Land Surveyor, do hereby state this plat is true
and correct to the best of my knowledge.



LEGEND	
	Proposed Well
	Section Line
	Existing Ditch
	Existing Pipeline
	Proposed Pipeline
	R-O-W
	Existing Road

NOTE:
PLEASE BE ADVISED, THAT WHILE REASONABLE EFFORTS ARE MADE TO LOCATE AND VERIFY PIPELINES AND ANOMALIES USING OUR STANDARD PIPELINE LOCATING EQUIPMENT, IT IS IMPOSSIBLE TO BE 100% EFFECTIVE, AS SUCH WE ADVISE USING CAUTION WHEN PERFORMING WORK AS THERE IS A POSSIBILITY THAT PIPELINES AND OTHER HAZARDS, SUCH AS FIBER OPTIC CABLES, PVC PIPELINES, ETC. MAY EXIST UNDETECTED ON SITE.

MANY STATES MAINTAIN INFORMATION CENTERS THAT ESTABLISH LINKS BETWEEN THOSE WHO DIG (EXCAVATORS) AND THOSE WHO OWN AND OPERATE UNDERGROUND FACILITIES (OPERATORS). IT IS ADVISABLE AND IN MOST STATES, LAW, FOR THE CONTRACTOR TO CONTACT THE CENTER FOR ASSISTANCE IN LOCATING AND WARNING UNDERGROUND UTILITIES. NEW MEXICO ONE CALL, <http://www.mnccall.org>.

DISCLAIMER, AT THIS TIME, FENSTERMAKER & ASSOCIATES, INC. HAS NOT PERFORMED NOR WAS ASKED TO PERFORM ANY TYPE OF ENGINEERING, HYDROLOGICAL MODELING, FLOOD PLAIN, OR "NO RISE" CERTIFICATION ANALYSES, INCLUDING BUT NOT LIMITED TO DETERMINING WHETHER THE PROJECT WILL IMPACT FLOOD HAZARDS IN CONNECTION WITH FEDERAL, STATE, AND/OR LOCAL LAWS, ORDINANCES AND REGULATIONS. ACCORDINGLY, FENSTERMAKER MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND AS TO THE FOREGOING ISSUES, AND PERSONS OR ENTITIES USING THIS INFORMATION SHALL DO SO AT THEIR OWN RISK.

CHEVRON U.S.A. INC.
PROPOSED PAD & ACCESS ROAD
PADUCA BREAKS WEST 32 26 32 STATE NO. 1H WELL
SECTIONS 29 & 32, T26S-R32E
LEA COUNTY, NEW MEXICO

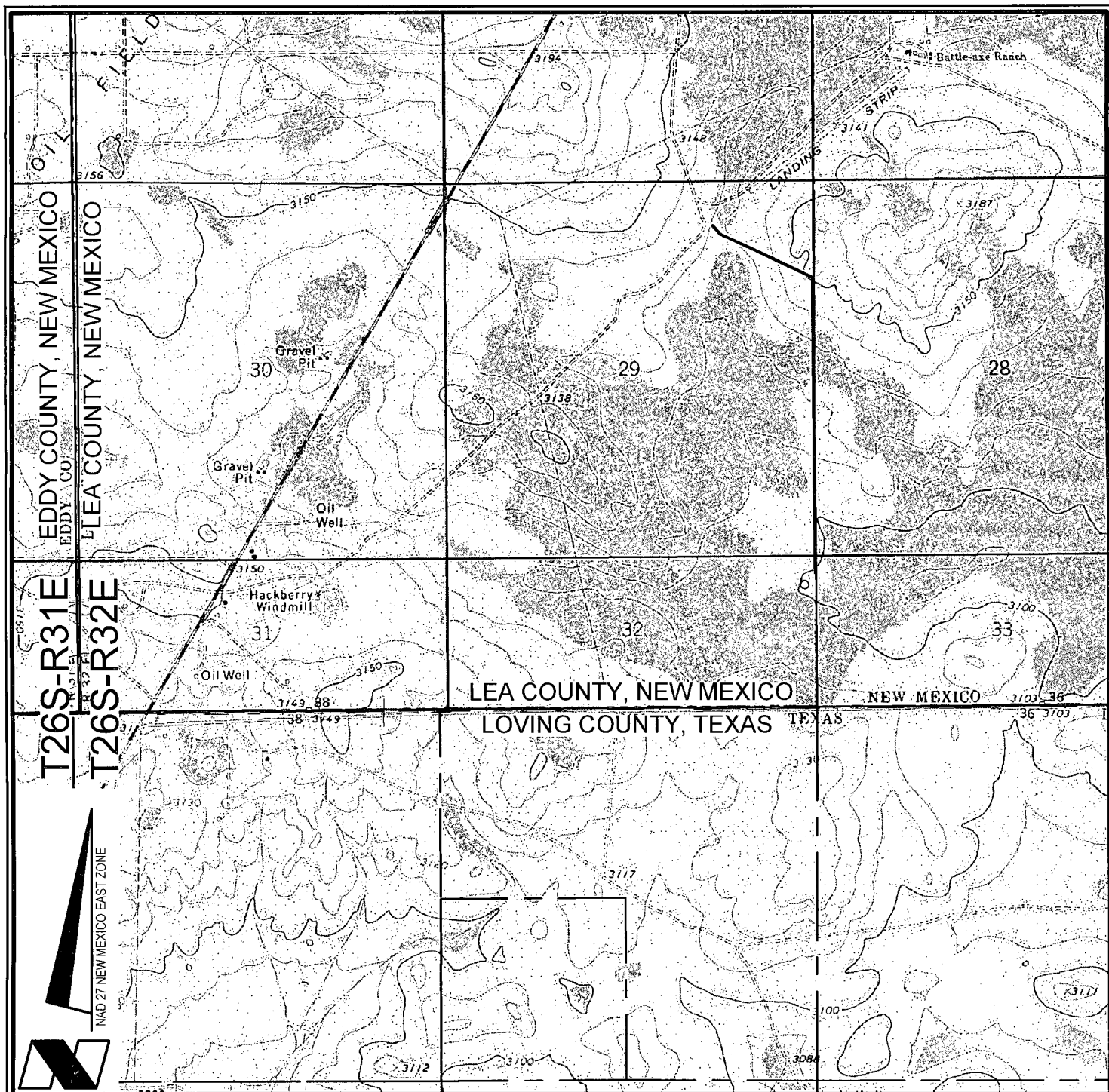


135 Regency Sq. Lafayette, LA 70508
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www.fenstermaker.com

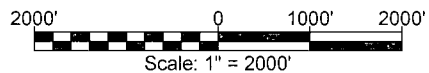
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1000' 0 500' 1000'

DRAWN BY: BMO		REVISIONS	
PROJ. MGR.: OBM	No.	DATE:	REVISED BY:
DATE: 01/11/2013	No.	DATE:	REVISED BY:
FILENAME: T:2012\2128668\DWG\CUI_Paduca Breaks West 32 26 32 State 1H_SUP.dwg			



VICINITY MAP



CHEVRON U.S.A. INC.

PADUCA BREAKS WEST 32 26 32 STATE NO. 1H WELL
 LOCATED 400' FNL AND 182' FEL
 SECTION 32, T26S-R32E
 LEA COUNTY, NEW MEXICO



Lafayette New Orleans Houston
 135 Regency Sq. Lafayette, LA 70508
 Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com

DRAWN BY: BMO

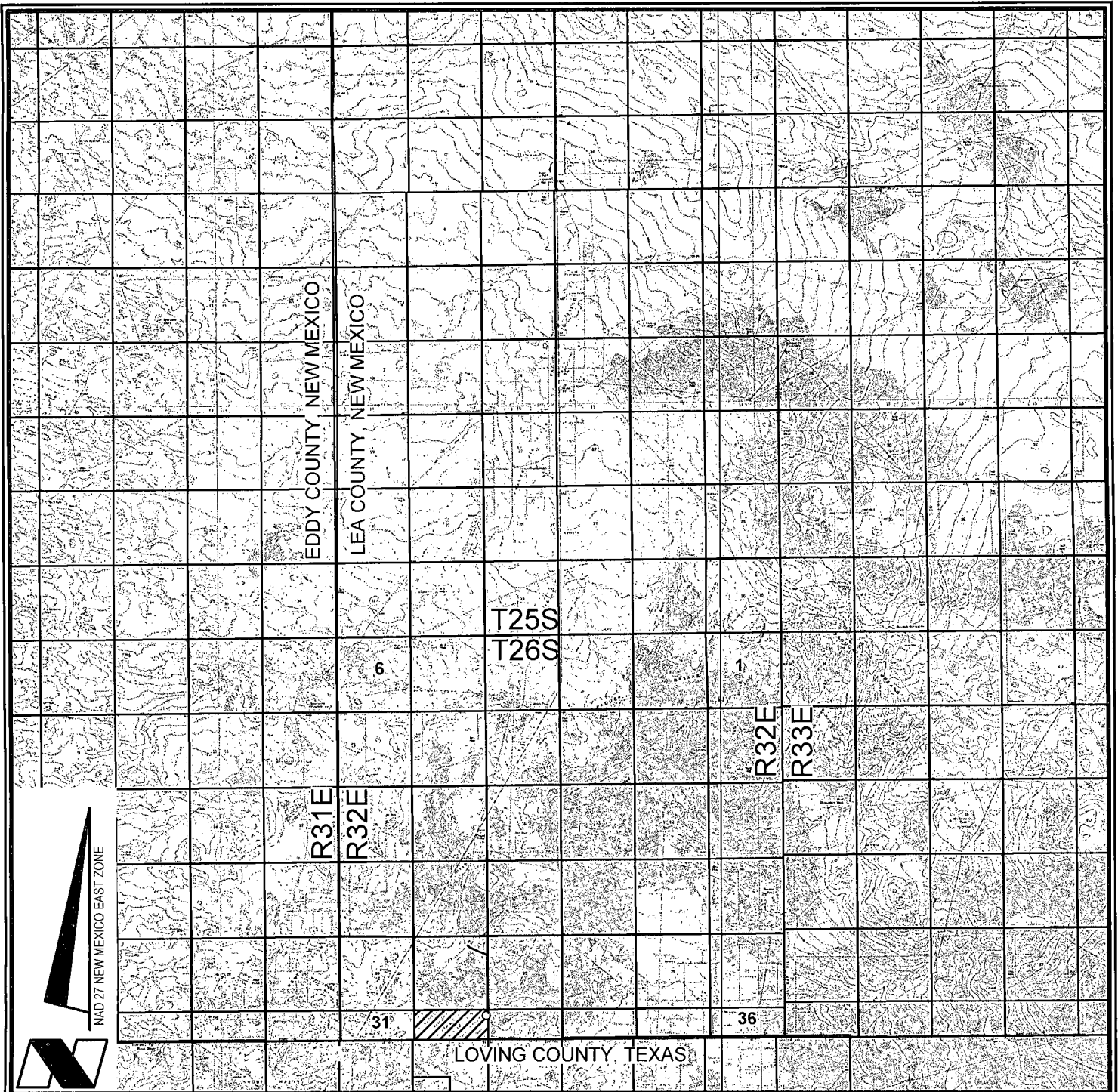
REVISED:

DATE: 01/03/2013

PROJ. MGR.: DBM

SHEET 1 OF 3 SHEETS

FILENAME: T:\2012\128668\DWG\CUI_Paduca Breaks West 32 26 32 State 1H_APD.dwg



VICINITY MAP

10,000' 0 5,000' 10,000'
Scale: 1" = 10,000'

CHEVRON U.S.A. INC.

PADUCA BREAKS WEST 32 26 32 STATE NO. 1H WELL

LOCATED 400' FNL AND 182' FEL

SECTION 32, T26S-R32E

LEA COUNTY, NEW MEXICO



Lafayette New Orleans Houston
135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com

DRAWN BY: BMO

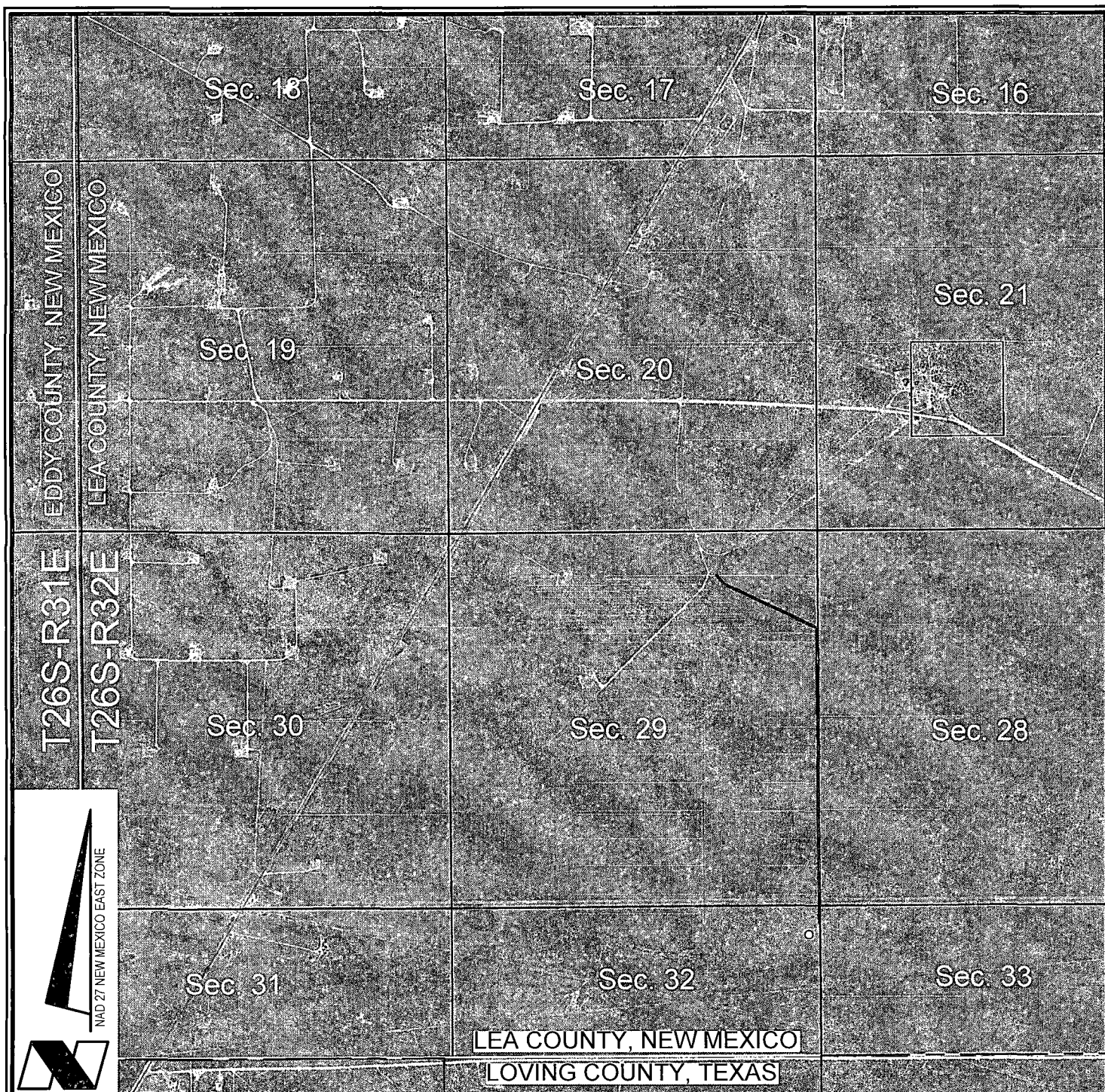
REVISED:

DATE: 01/03/2013

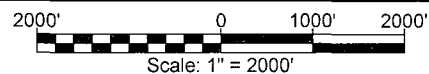
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SHEET 2 OF 3 SHEETS

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VICINITY MAP



-  = FEDERAL LAND
-  = FEE LAND
-  = STATE LAND

CHEVRON U.S.A. INC.

PADUCA BREAKS WEST 32 26 32 STATE NO. 1H WELL

LOCATED 400' FNL AND 182' FEL

SECTION 32, T26S-R32E

LEA COUNTY, NEW MEXICO



Lafayette New Orleans Houston
135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com

DRAWN BY: BMO

REVISED:

DATE: 01/03/2013

PROJ. MGR.: DBM

SHEET 3 OF 3 SHEETS

FILENAME: T:\2012\128668\DWG\CUI_Paduca Breaks West 32 26 32 State 1H_APD.dwg

NOTE:

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R 32 E

Sec. 29

Bureau of Land Management

**Proposed Pad &
Access for the
Paduca Breaks West
32 26 32 State 1H
Well (As-Staked)**

250'

250'

**PROPOSED
250'x250' FACILITY
±1.43 Acres**

Sec. 32

State of New Mexico

NW FACILITY CRN:

X= 699,437 NAD 27
Y= 366,283
LAT. 32.005395
LONG. 103.689944

NE FACILITY CRN:

X= 699,687 NAD 27
Y= 366,285
LAT. 32.005396
LONG. 103.689138

ELEVATION +3104' NAVD 88

ELEVATION +3104' NAVD 88

SE FACILITY CRN:

X= 699,689 NAD 27
Y= 366,035
LAT. 32.004709
LONG. 103.689137

SW FACILITY CRN:

X= 699,439 NAD 27
Y= 366,033
LAT. 32.004708
LONG. 103.689943

ELEVATION +3103' NAVD 88

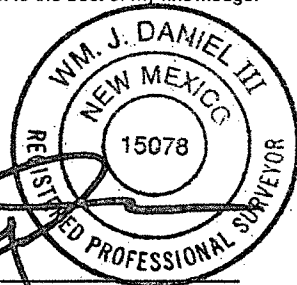
ELEVATION +3102' NAVD 88

Sec. 33

Bureau of Land Management

**FOR THE EXCLUSIVE USE OF
CHEVRON U.S.A. INC.**

I, WM. J. Daniel III, Registered Professional
Land Surveyor, do hereby state this plat is true
and correct to the best of my knowledge.



WM. J. Daniel III
Registration No. 15078

NAD 27 NEW MEXICO EAST ZONE

SCALE: 1"=200'

200 0 100 200

LEGEND

Section Line
Proposed Pad &
Access

CHEVRON U.S.A. INC.

**PROPOSED FACILITY SUP
FOR PADUCA BREAKS WEST 32 26 32 STATE 1H WELL
SECTION 32, T26S-R32E
LEA COUNTY, NEW MEXICO**

DRAWN BY: VHV

REVISIONS

PROJ. MGR.: DBM

No. #

DATE:

REVISED BY:

DATE: 01/11/2013

No. #

DATE:

REVISED BY:

FILENAME: T:\2128668\DWG\CUI_Paduca Breaks West 32 26 32 State 1H_Facility.dwg



135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com



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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Subbasin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
<u>C 02271</u>			LE	3	2	3	21	26S	32E	624348	3544010*	300	260	40
<u>C 02274</u>			LE	2	1	2	31	26S	32E	621742	3541730*	300	295	5
<u>C 02323</u>		C	LE	3	2	3	21	26S	32E	624348	3544010*	405	405	0
<u>C 03537 POD1</u>		C	LE	3	2	3	21	26S	32E	624250	3543985	850		
Average Depth to Water:												320 feet		
Minimum Depth:												260 feet		
Maximum Depth:												405 feet		

Record Count: 4

Basin/County Search:

Basin: Carlsbad

County: Lea

PLSS Search:

Section(s): 1-36

Township: 26S

Range: 32E

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

1/15/13 9:05 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER