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OCT 14 2008

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Permian District

NM - Eddy - Morrow Project

PLU Pierce Canyon 32 State 1H

Well #1

Wellbore #1

Plan: Plan #1

Standard Planning Report

02 October, 2008

Planning Report

Database:	Dnlling Database	Local Co-ordinate Reference:	Well Well #1
Company:	Permian District	TVD Reference:	RKB @ 3271.0ft
Project:	NM - Eddy - Morrow Project	MD Reference:	RKB @ 3271.0ft
Site:	PLU Pierce Canyon 32 State 1H	North Reference:	True
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

Project	NM - Eddy - Morrow Project		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site:	PLU Pierce Canyon 32 State 1H		
Site Position:		Northing:	ft
From:	None	Easting:	ft
Position Uncertainty:	ft	Slot Radius:	in
		Latitude:	
		Longitude:	
		Grid Convergence:	0 00 °

Well	Well #1		
Well Position	+N/-S	0.0 ft	Northing: 0.00 ft
	+E/-W	0.0 ft	Easting: 0.00 ft
Position Uncertainty	ft	Wellhead Elevation:	ft
		Latitude:	30° 59' 24.51165130 N
		Longitude:	105° 55' 44.13731823 W
		Ground Level:	3,259.0 ft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
	User Defined	10/2/2008	(°)
			0 00
			Dip Angle (°)
			0.00
			Field Strength (nT)
			0

Design	Plan #1		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction (°)
			0 00

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	
7,370.0	0.00	0.00	7,370.0	0.0	0.0	0.00	0.00	0.00	0.00	
8,124.0	90.00	0 00	7,850.0	480 0	0.0	11.94	11.94	0 00	0 00	
12,246 0.	90.00	0.00	7,850 0	4,602.0	0.0	0 00	0.00	0.00	0.00	

Planning Report

Database: Drilling Database
 Company: Permian District
 Project: NM - Eddy - Morrow Project
 Site: PLU Pierce Canyon 32 State 1H
 Well: Well #1
 Wellbore: Wellbore #1
 Design: Plan #1

Local Co-ordinate Reference: Well Well #1
 TVD Reference: RKB @ 3271.0ft
 MD Reference: RKB @ 3271.0ft
 North Reference: True
 Survey Calculation Method: Minimum Curvature

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
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
13 3/8"									
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
9 5/8"									
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

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Company:	Permian District	TVD Reference:	RKB @ 3271.0ft
Project:	NM - Eddy - Morrow Project	MD Reference:	RKB @ 3271.0ft
Site:	PLU Pierce Canyon 32 State 1H	North Reference:	True
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

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)
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
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
7,370.0	0.00	0.00	7,370.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	3.58	0.00	7,400.0	0.9	0.0	0.9	11.94	11.94	0.00
7,500.0	15.52	0.00	7,498.4	17.5	0.0	17.5	11.94	11.94	0.00
7,600.0	27.45	0.00	7,591.3	54.1	0.0	54.1	11.94	11.94	0.00
7,700.0	39.39	0.00	7,674.6	109.0	0.0	109.0	11.94	11.94	0.00
7,800.0	51.33	0.00	7,744.8	180.1	0.0	180.1	11.94	11.94	0.00
7,900.0	63.26	0.00	7,798.7	264.1	0.0	264.1	11.94	11.94	0.00
8,000.0	75.20	0.00	7,834.1	357.4	0.0	357.4	11.94	11.94	0.00
8,100.0	87.14	0.00	7,849.4	456.0	0.0	456.0	11.94	11.94	0.00
8,124.0	90.00	0.00	7,850.0	480.0	0.0	480.0	11.94	11.94	0.00
8,200.0	90.00	0.00	7,850.0	556.0	0.0	556.0	0.00	0.00	0.00
8,300.0	90.00	0.00	7,850.0	656.0	0.0	656.0	0.00	0.00	0.00
8,400.0	90.00	0.00	7,850.0	756.0	0.0	756.0	0.00	0.00	0.00
8,500.0	90.00	0.00	7,850.0	856.0	0.0	856.0	0.00	0.00	0.00
8,600.0	90.00	0.00	7,850.0	956.0	0.0	956.0	0.00	0.00	0.00
8,700.0	90.00	0.00	7,850.0	1,056.0	0.0	1,056.0	0.00	0.00	0.00
8,800.0	90.00	0.00	7,850.0	1,156.0	0.0	1,156.0	0.00	0.00	0.00
8,900.0	90.00	0.00	7,850.0	1,256.0	0.0	1,256.0	0.00	0.00	0.00
9,000.0	90.00	0.00	7,850.0	1,356.0	0.0	1,356.0	0.00	0.00	0.00
9,100.0	90.00	0.00	7,850.0	1,456.0	0.0	1,456.0	0.00	0.00	0.00
9,200.0	90.00	0.00	7,850.0	1,556.0	0.0	1,556.0	0.00	0.00	0.00
9,300.0	90.00	0.00	7,850.0	1,656.0	0.0	1,656.0	0.00	0.00	0.00
9,400.0	90.00	0.00	7,850.0	1,756.0	0.0	1,756.0	0.00	0.00	0.00
9,500.0	90.00	0.00	7,850.0	1,856.0	0.0	1,856.0	0.00	0.00	0.00
9,600.0	90.00	0.00	7,850.0	1,956.0	0.0	1,956.0	0.00	0.00	0.00
9,700.0	90.00	0.00	7,850.0	2,056.0	0.0	2,056.0	0.00	0.00	0.00
9,800.0	90.00	0.00	7,850.0	2,156.0	0.0	2,156.0	0.00	0.00	0.00
9,900.0	90.00	0.00	7,850.0	2,256.0	0.0	2,256.0	0.00	0.00	0.00
10,000.0	90.00	0.00	7,850.0	2,356.0	0.0	2,356.0	0.00	0.00	0.00
10,100.0	90.00	0.00	7,850.0	2,456.0	0.0	2,456.0	0.00	0.00	0.00
10,200.0	90.00	0.00	7,850.0	2,556.0	0.0	2,556.0	0.00	0.00	0.00

Planning Report

Database:	Drilling Database	Local Co-ordinate Reference:	Well Well #1
Company:	Permian District	TVD Reference:	RKB @ 3271.0ft
Project:	NM - Eddy - Morrow Project	MD Reference:	RKB @ 3271.0ft
Site:	PLU Pierce Canyon 32 State 1H	North Reference:	True
Well:	Well #1	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1		

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)
10,300.0	90.00	0.00	7,850.0	2,656.0	0.0	2,656.0	0.00	0.00	0.00
10,400.0	90.00	0.00	7,850.0	2,756.0	0.0	2,756.0	0.00	0.00	0.00
10,500.0	90.00	0.00	7,850.0	2,856.0	0.0	2,856.0	0.00	0.00	0.00
10,600.0	90.00	0.00	7,850.0	2,956.0	0.0	2,956.0	0.00	0.00	0.00
10,700.0	90.00	0.00	7,850.0	3,056.0	0.0	3,056.0	0.00	0.00	0.00
10,800.0	90.00	0.00	7,850.0	3,156.0	0.0	3,156.0	0.00	0.00	0.00
10,900.0	90.00	0.00	7,850.0	3,256.0	0.0	3,256.0	0.00	0.00	0.00
11,000.0	90.00	0.00	7,850.0	3,356.0	0.0	3,356.0	0.00	0.00	0.00
11,100.0	90.00	0.00	7,850.0	3,456.0	0.0	3,456.0	0.00	0.00	0.00
11,200.0	90.00	0.00	7,850.0	3,556.0	0.0	3,556.0	0.00	0.00	0.00
11,300.0	90.00	0.00	7,850.0	3,656.0	0.0	3,656.0	0.00	0.00	0.00
11,400.0	90.00	0.00	7,850.0	3,756.0	0.0	3,756.0	0.00	0.00	0.00
11,500.0	90.00	0.00	7,850.0	3,856.0	0.0	3,856.0	0.00	0.00	0.00
11,600.0	90.00	0.00	7,850.0	3,956.0	0.0	3,956.0	0.00	0.00	0.00
11,700.0	90.00	0.00	7,850.0	4,056.0	0.0	4,056.0	0.00	0.00	0.00
11,800.0	90.00	0.00	7,850.0	4,156.0	0.0	4,156.0	0.00	0.00	0.00
11,900.0	90.00	0.00	7,850.0	4,256.0	0.0	4,256.0	0.00	0.00	0.00
12,000.0	90.00	0.00	7,850.0	4,356.0	0.0	4,356.0	0.00	0.00	0.00
12,100.0	90.00	0.00	7,850.0	4,456.0	0.0	4,456.0	0.00	0.00	0.00
12,200.0	90.00	0.00	7,850.0	4,556.0	0.0	4,556.0	0.00	0.00	0.00
12,246.0	90.00	0.00	7,850.0	4,602.0	0.0	4,602.0	0.00	0.00	0.00

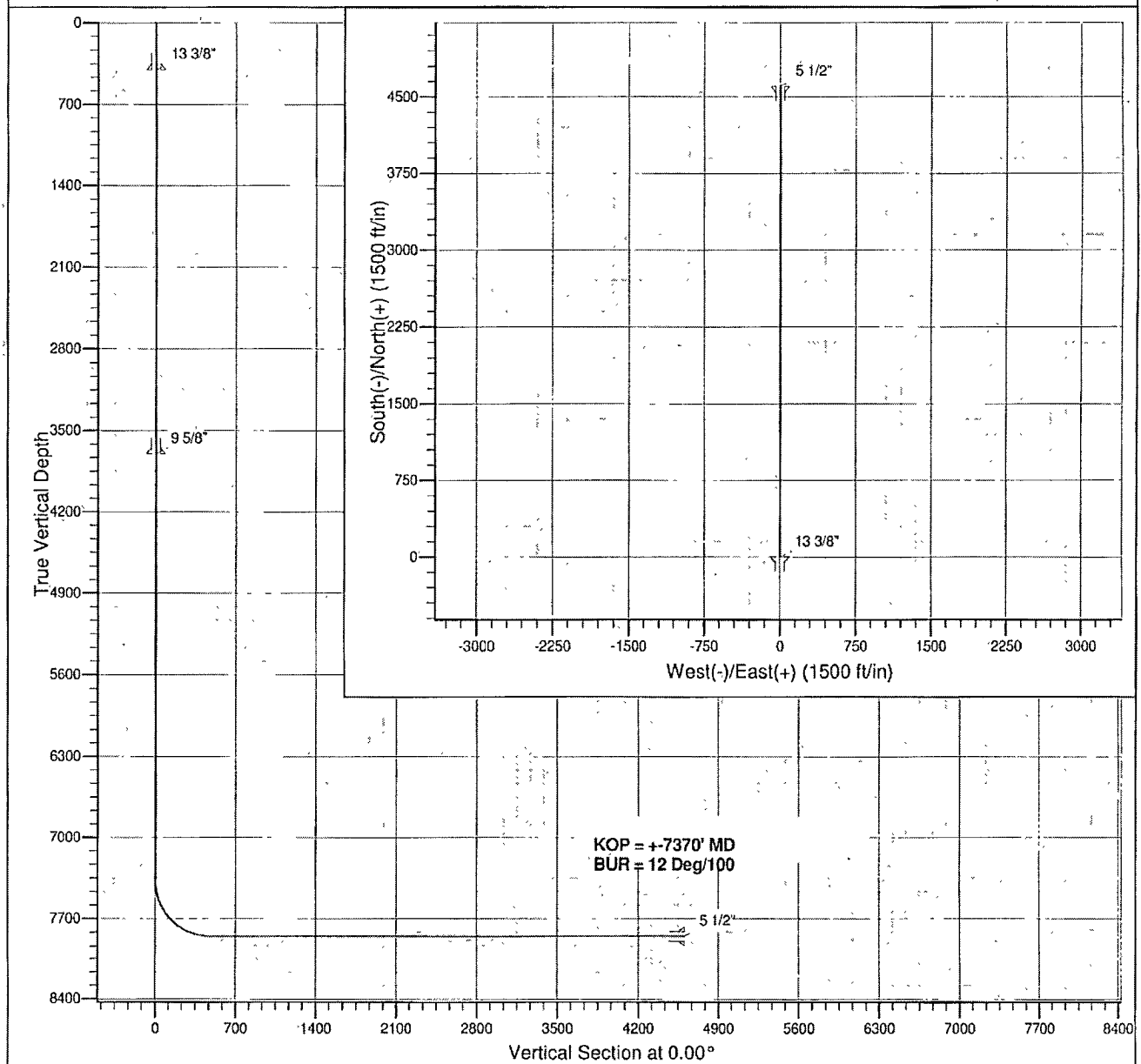
Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (in)	Hole Diameter (in)
400.0	400.0	13 3/8"	13.375	17.500
3,700.0	3,700.0	9 5/8"	9.625	12.250
12,246.0	7,850.0	5 1/2"	5.500	8.750

Chesapeake Operating Inc. PLU Pierce Canyon 32 State 1H

County: Eddy, NM

Section 32-24S-30E



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	7370.0	0.00	0.00	7370.0	0.0	0.0	0.00	0.00	0.0	
3	8124.0	90.00	0.00	7850.0	480.0	0.0	11.94	0.00	480.0	
4	12246.0	90.00	0.00	7850.0	4602.0	0.0	0.00	0.00	4602.0	

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	96403	WC: Bone Spring
Property Code	Property Name	Well Number
	PLU PIERCE CANYON "32" STATE	1H
GRID No.	Operator Name	Elevation
147179	CHESAPEAKE OPERATING CO.	3259'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	32	24 S	30 E		350	SOUTH	350	EAST	EDDY

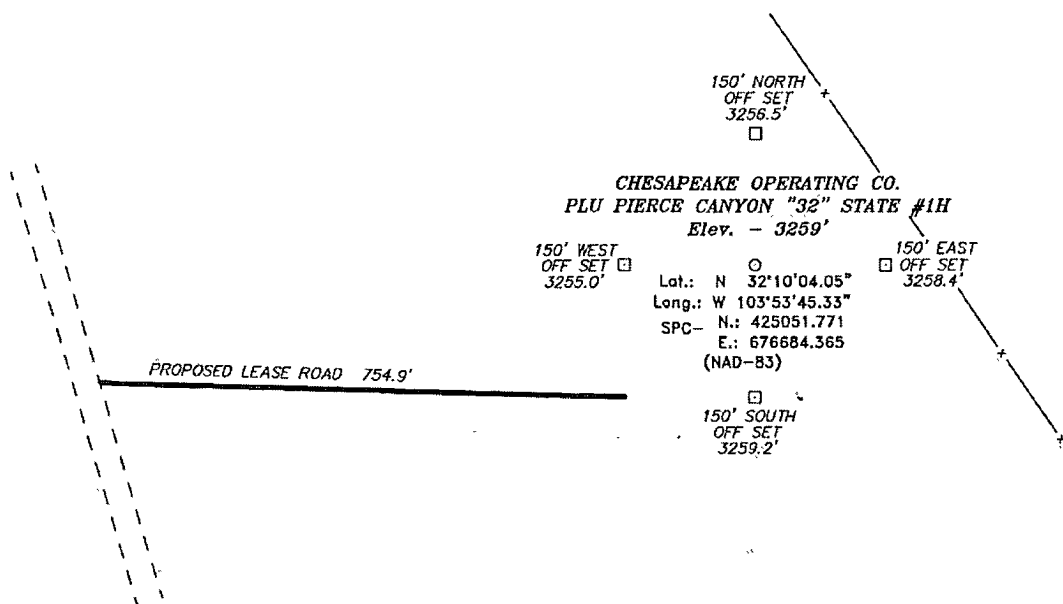
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	32	24 S	30 E		350	NORTH	350	EAST	EDDY
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
160									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

BOTTOM HOLE LOCATION Lat - N32°10'49.58" Long - W103°53'45.35" SPC-N: 429652.720 E: 676663.621 (NAD-83) Project Area Producing Area Penetration Point SURFACE LOCATION Lat - N32°10'04.05" Long - W103°53'45.33" SPC-N: 425051.771 E: 676684.365 (NAD-83)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Craig Barnard</i> 9/12/08 Signature Date CRAIG BARNARD Printed Name	
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. SEPTEMBER 12, 2008 Date Surveyed Signature of Surveyor Professional Surveyor No. 7977	
	Certificate No. Gary L. Jones 7977	
	BASIN SURVEYS	

SECTION 32, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



Directions to Location:

FROM THE JUNCTION OF STATE HWY 128 AND TWIN
WELLS; GO SOUTH 10 MILES TO CO. RD. McDONALD
(746), ON McDONALD GO WEST 3.3 MILES TO LEAS
ROAD, ON LEASE ROAD GO SOUTHEAST 1.6 MILES TO
PROPOSED LEASE ROAD.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 20398

Drawn By: J. M. SMALL

Date: 09-23-2008

Disk: 20398 JMS

200 0 200 400 FEET
SCALE: 1" = 200'

CHESAPEAKE OPERATING CO.

REF: PLU PIERCE CANYON "32" STATE #1H / WELL PAD TOPO

THE PLU PIERCE CANYON "32" STATE #1H LOCATED 350'

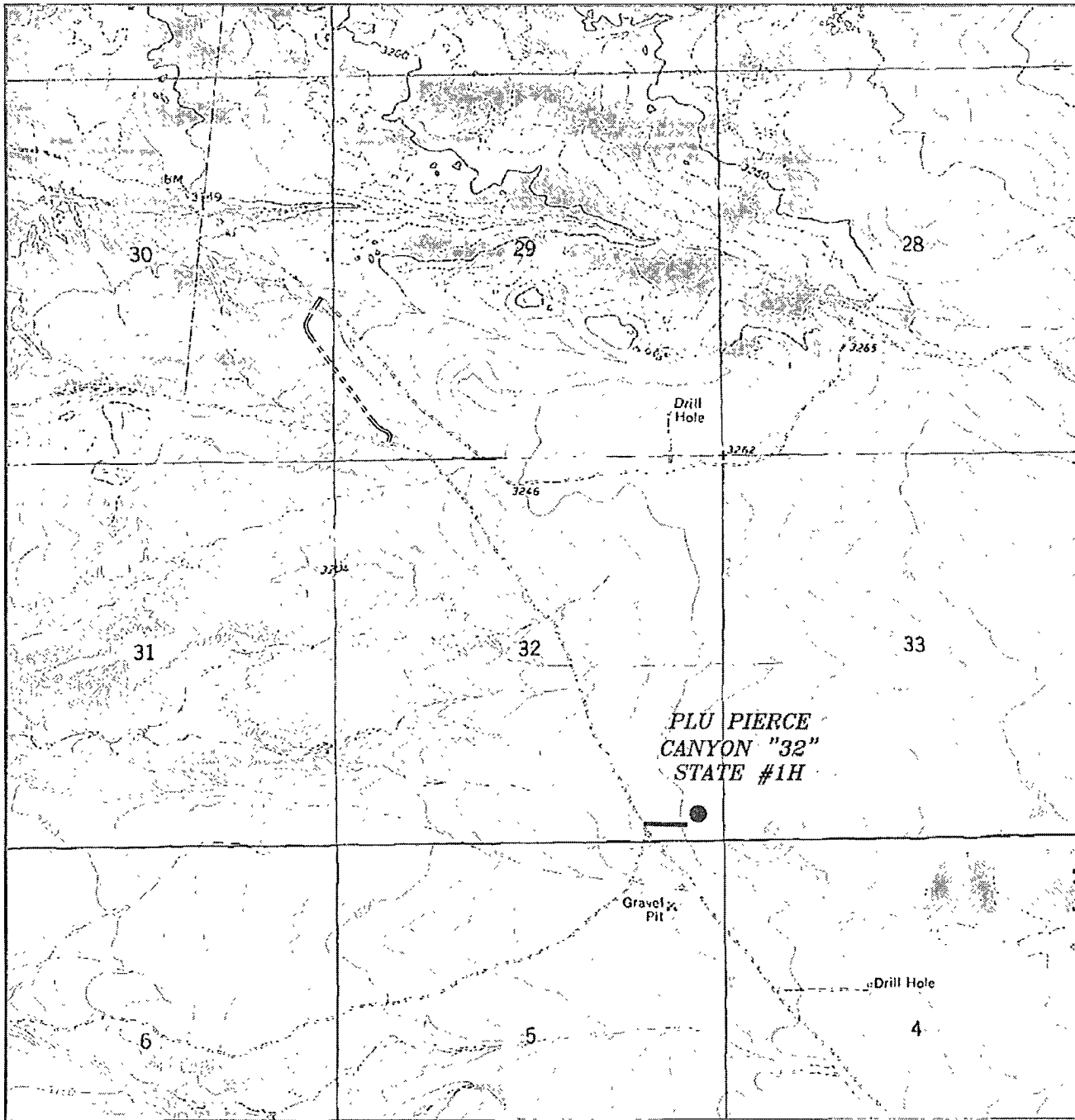
FROM THE SOUTH LINE AND 350' FROM THE WEST LINE OF

SECTION 32, TOWNSHIP 24 SOUTH, RANGE 30 EAST,

N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 09-19-2008

Sheet 1 of 1 Sheets



PLU PIERCE CANYON "32" STATE #1H
 Located at 350' FSL AND 350' FEL
 Section 32, Township 24 South, Range 30 East,
 N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

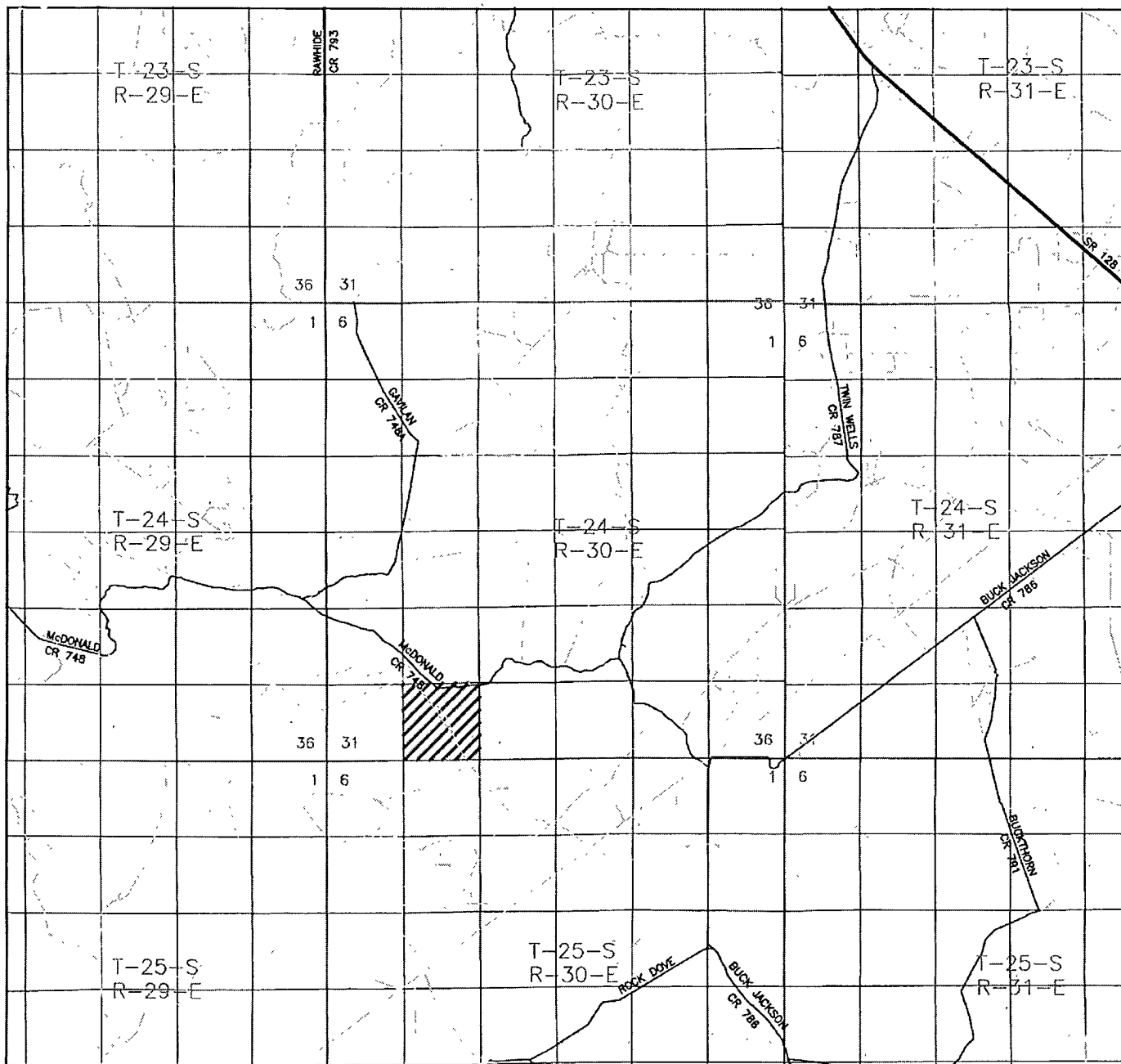
W.O. Number: 20398

Survey Date: 09-19-2008

Scale: 1" = 2000'

Date: 09-23-2008

CHESAPEAKE
 OPERATING
 CO.



PLU PIERCE CANYON "32" STATE #1H
 Located at 350' FSL AND 350' FEL
 Section 32, Township 24 South, Range 30 East,
 N.M.P.M., Eddy County, New Mexico.

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W.O. Number: JMS 20398

Survey Date: 09-19-2008

Scale: 1" = 2 MILES

Date: 09-23-2008

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OPERATING
CO.