

Submit 3 Copies To, Appropriate District
Office
District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W. Grand Ave, 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

Form C-103
May 27, 2004

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

WELL API NO. 30-015-36082
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Potawatomi Fee
8. Well Number 1
9. OGRID Number 14049
10. Pool name or Wildcat Wildcat; Miss Gas

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Marbob Energy Corporation

FEB 15 2008

3. Address of Operator

P.O. Box 227, Artesia, NM 88211-0227

OCD-ARTESIA

4. Well Location

Unit Letter E : 2080 feet from the North line and 660 feet from the West line
Section 30 Township 26S Range 24E NMPM County: Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3933'

Pit or Below-grade Tank Application ☒ or Closure ☐ CLOSED MUD LOOP SYSTEM W/ FRESH WATER PIT!

Pit type FRESH WATER PIT! Depth to Groundwater 100 Ft. or More Distance from nearest fresh water well Greater than 1000'

Distance from nearest surface water Greater than 1000' Pit Liner Thickness: mil Below-Grade Tank Volume ; Construction Material

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: Location Change



SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER:



13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Marbob Energy Corporation respectfully requests the following location change on the above referenced:

From: Surf - 2080' FNL & 660' FWL
BHL - 2080' FNL & 660' FWL

To: Surf - 2080' FNL & 660' FWL
BHL - 1980' FNL & 660' FWL

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Nancy Agnew

TITLE Land Department DATE 2/12/08

Type or print name Nancy Agnew E-mail address: landtech@marbob.com Telephone No. 505-748-3303

For State Use Only

BRYAN G. ARRANT

APPROVED BY: DISTRICT II GEOLOGIST TITLE DATE

Conditions of Approval (if any):

DISTRICT I
1025 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

OIL CONSERVATION DIVISION
1220 NORTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-36082	Pool Code 97338	Pool Name WILDCAT; MISS GAS
Property Code	Property Name POTAWATOMI FEE	Well Number 1
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3933'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/NORTH line	Feet from the	WEST/West line	County
2	30	26-S	24-E		2080	NORTH	660	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/NORTH line	Feet from the	WEST/West line	County
2	30	26-S	24-E		1980	NORTH	660	WEST	EDDY
Dedicated Acres 320.36	Joint or Infill	Consolidation Code	Order No.						

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

		OPERATOR CERTIFICATION I hereby certify that the information 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 or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Nancy T. Agnew 2/12/08 Signature Date Nancy T. Agnew 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. JANUARY 15 2008 Date Surveyed Signature & Seal of Professional Surveyor 3239 DSS Certificate No. GARY G. EIDSON 12641 RONALD J. EIDSON 3239			

Marbob

Eddy County

S30 T26S R24E

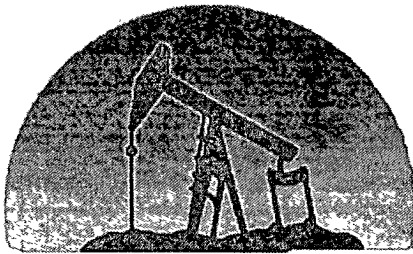
Potawatomi Fee #1

Original Hole

Plan: Plan #1

Pathfinder Survey Report

13 February, 2008



marbob
energy corporation
Artesia, N.M.



Azimuths to Grid North
True North: 0 82°
Magnetic North: 0 82°

Magnetic Field
Strength: 0.05nT
Dip Angle: 0 00°
Date: 2/12/2008
Model: USER DEFINED

PATHFINDER

ENERGY SERVICES

Project: Eddy County
Site: S30 T26S R24E
Well: Potawatomi Fee #1
Wellbore: Original Hole
Plan: Plan #1 (Potawatomi Fee #1/Original Hole)

WELL DETAILS Potawatomi Fee #1

Ground Elevation: 3933.0
RKB Elevation: EST RKB @ 3933.0ft
Rig Name:

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	0.00	0.00	30° 59' 24.512 N	105° 55' 44.137 W	

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLog	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5248.4	0.00	0.00	5248.4	0.0	0.0	0.00	0.00	0.0	
3	5744.4	9.92	360.00	5741.9	42.8	0.0	2.00	360.00	42.8	
4	6405.7	0.00	0.00	6400.0	99.9	0.0	1.50	180.00	99.9	
5	8205.8	0.00	0.00	8200.0	99.9	0.0	0.00	0.00	99.9	BHL

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

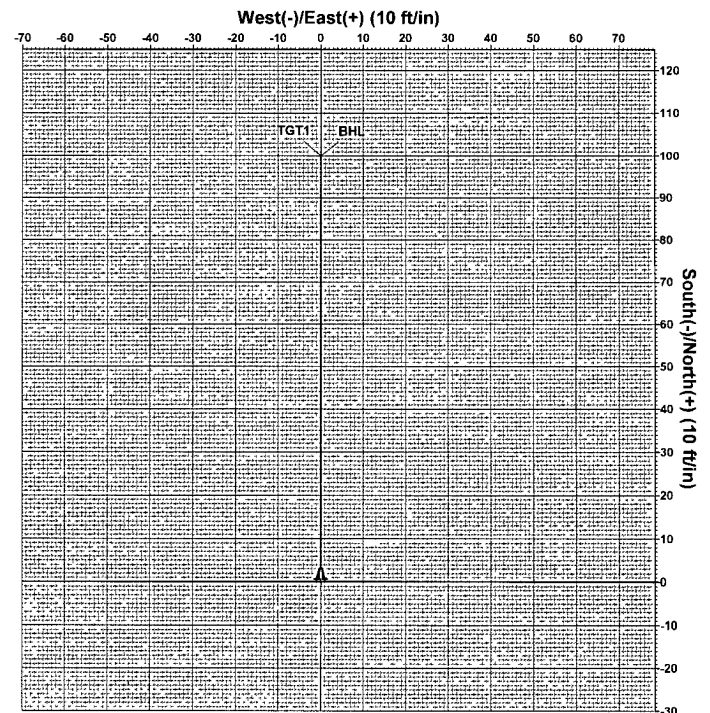
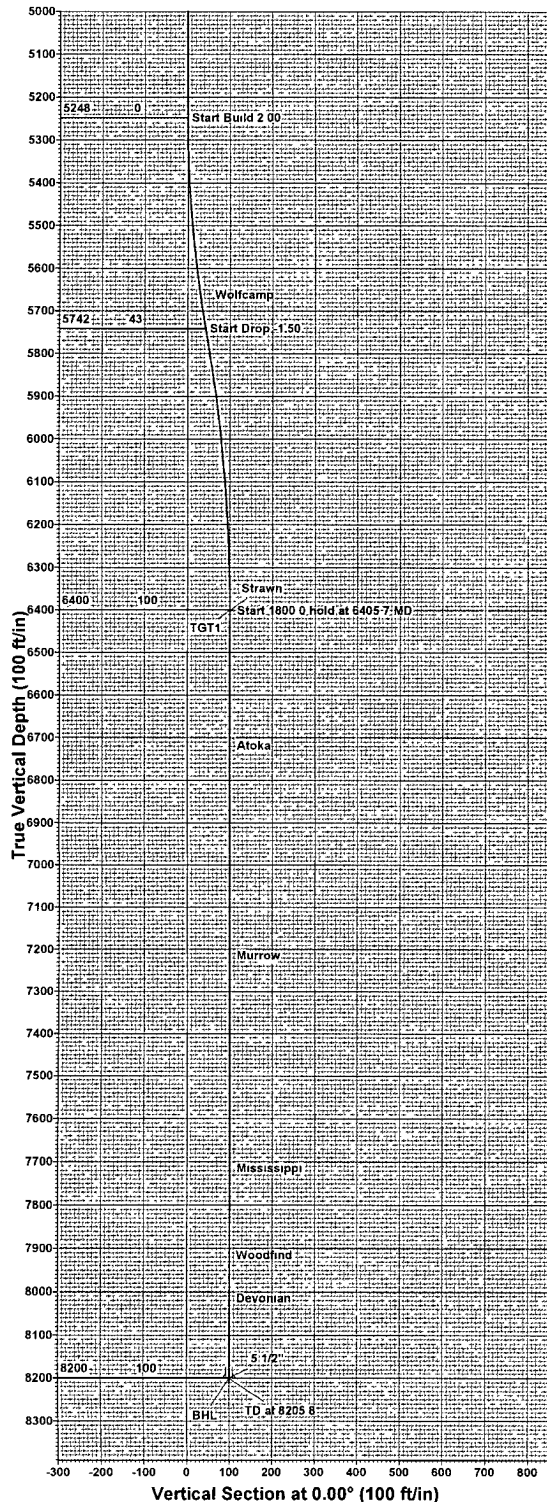
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
TGT1	6400.0	100.0	0.0	100.00	0.00	Point
BHL	8200.0	100.0	0.0	100.00	0.00	Point

CASING DETAILS

TVD	MD	Name	Size
400.0	400.0	9 5/8"	9-5/8
8200.0	8205.8	5 1/2"	5-1/2

PROJECT DETAILS Eddy County

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
Local North: Grid



Plan: Plan #1 (Potawatomi Fee #1/Original Hole)

Created By: Mark Freeman Date: 15 08, February 13 2008

Checked: _____ Date: _____

WHS

Pathfinder Survey Report

Company:	Marbob	Local Co-ordinate Reference:	Well Potawatomi Fee #1
Project:	Eddy County	TVD Reference:	EST RKB @ 3933.0ft
Site:	S30 T26S R24E	MD Reference:	EST RKB @ 3933.0ft
Well:	Potawatomi Fee #1	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 2003 16 Single User Db

Project	Eddy County		
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	S30 T26S R24E		
Site Position:		Northing:	ft
From:	None	Easting:	ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	
		Longitude:	
		Grid Convergence:	0.00 °

Well	Potawatomi Fee #1					
Well Position	+N/-S	0.0 ft	Northing:	0.00 ft	Latitude:	30° 59' 24.512 N
	+E/-W	0.0 ft	Easting:	0.00 ft	Longitude:	105° 55' 44.137 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft	Ground Level:	3,933.0 ft	

Wellbore	Original Hole		
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	User Defined	2/12/2008	0.00	0.00	0

Design	Plan #1		
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Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(ft)	(ft)	(ft)	(°)	
	0.0	0.0	0.0	0.00	

Survey Tool Program		Date 2/13/2008		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0 0	8,205 8	Plan #1 (Original Hole)	MWD	MWD - Standard

Planned Survey									
MD	Inc	Azi	TVD	N/S	E/W	V. Sec	DLeg		
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)		
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00		
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00		
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00		
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00		
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00		
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00		
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00		
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00		
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00		
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00		
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00		
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00		

WHS

Pathfinder Survey Report

Company:	Marbob	Local Co-ordinate Reference:	Well Potawatomi Fee #1
Project:	Eddy County	TVD Reference:	EST RKB @ 3933.0ft
Site:	S30 T26S R24E	MD Reference:	EST RKB @ 3933.0ft
Well:	Potawatomi Fee #1	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 2003.16 Single User Db

Planned Survey								
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	
5,248.4	0.00	0.00	5,248.4	0.0	0.0	0.0	0.00	
5,300.0	1.03	360.00	5,300.0	0.5	0.0	0.5	2.00	
5,400.0	3.03	360.00	5,399.9	4.0	0.0	4.0	2.00	

WHS

Pathfinder Survey Report

Company:	Marbob	Local Co-ordinate Reference:	Well Potawatomi Fee #1
Project:	Eddy County	TVD Reference:	EST RKB @ 3933.0ft
Site:	S30 T26S R24E	MD Reference:	EST RKB @ 3933 0ft
Well:	Potawatomi Fee #1	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 2003.16 Single User Db

Planned Survey							
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)
5,500.0	5.03	360.00	5,499.7	11.0	0.0	11.0	2.00
5,600.0	7.03	360.00	5,599.1	21.5	0.0	21.5	2.00
5,700.0	9.03	360.00	5,698.1	35.5	0.0	35.5	2.00
5,744.4	9.92	360.00	5,741.9	42.8	0.0	42.8	2.00
5,800.0	9.09	360.00	5,796.8	52.0	0.0	52.0	1.50
5,900.0	7.59	360.00	5,895.7	66.5	0.0	66.5	1.50
6,000.0	6.09	360.00	5,995.0	78.4	0.0	78.4	1.50
6,100.0	4.59	360.00	6,094.6	87.7	0.0	87.7	1.50
6,200.0	3.09	360.00	6,194.3	94.4	0.0	94.4	1.50
6,300.0	1.59	360.00	6,294.2	98.5	0.0	98.5	1.50
6,405.7	0.00	0.00	6,400.0	99.9	0.0	99.9	1.50
6,500.0	0.00	0.00	6,494.2	99.9	0.0	99.9	0.00
6,600.0	0.00	0.00	6,594.2	99.9	0.0	99.9	0.00
6,700.0	0.00	0.00	6,694.2	99.9	0.0	99.9	0.00
6,800.0	0.00	0.00	6,794.2	99.9	0.0	99.9	0.00
6,900.0	0.00	0.00	6,894.2	99.9	0.0	99.9	0.00
7,000.0	0.00	0.00	6,994.2	99.9	0.0	99.9	0.00
7,100.0	0.00	0.00	7,094.2	99.9	0.0	99.9	0.00
7,200.0	0.00	0.00	7,194.2	99.9	0.0	99.9	0.00
7,300.0	0.00	0.00	7,294.2	99.9	0.0	99.9	0.00
7,400.0	0.00	0.00	7,394.2	99.9	0.0	99.9	0.00
7,500.0	0.00	0.00	7,494.2	99.9	0.0	99.9	0.00
7,600.0	0.00	0.00	7,594.2	99.9	0.0	99.9	0.00
7,700.0	0.00	0.00	7,694.2	99.9	0.0	99.9	0.00
7,800.0	0.00	0.00	7,794.2	99.9	0.0	99.9	0.00
7,900.0	0.00	0.00	7,894.2	99.9	0.0	99.9	0.00
8,000.0	0.00	0.00	7,994.2	99.9	0.0	99.9	0.00
8,100.0	0.00	0.00	8,094.2	99.9	0.0	99.9	0.00
8,205.8	0.00	0.00	8,200.0	99.9	0.0	99.9	0.00

WHS

Pathfinder Survey Report

Company:	Marbob	Local Co-ordinate Reference:	Well Potawatomi Fee #1
Project:	Eddy County	TVD Reference:	EST RKB @ 3933.0ft
Site:	S30 T26S R24E	MD Reference:	EST RKB @ 3933 0ft
Well:	Potawatomi Fee #1	North Reference:	Grid
Wellbore:	Original Hole	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 2003.16 Single User Db

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
BHL	0.00	360 00	8,200 0	100.0	0 0	100.00	0.00	30° 59' 25.501 N	105° 55' 44.154 W
- plan hits target									
- Point									
TGT1	0 00	360.00	6,400.0	100.0	0 0	100 00	0.00	30° 59' 25.501 N	105° 55' 44 154 W
- plan hits target									
- Point									

Casing Points					
Measured Depth	Vertical Depth	Name	Casing Diameter	Hole Diameter	
(ft)	(ft)		(")	(")	
400 0	400.0	9 5/8"	9-5/8	12-1/4	
8,205.8	8,200 0	5 1/2"	5-1/2	7-3/4	

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(ft)	(ft)			(°)	(°)	
7,705.8	7,700.0	Mississippi		0.00		
8,005 8	8,000.0	Devonian		0.00		
6,405.8	6,400.0	Strawn		0 00		
5,701.9	5,700 0	Wolfcamp		0.00		
6,705 8	6,700 0	Atoka		0 00		
400.0	400 0	Delaware		0.00		
7,205 8	7,200 0	Murrow		0.00		
3,700 0	3,700 0	Bone Spring		0 00		
7,905.8	7,900 0	Woodfind		0.00		

Checked By: _____ Approved By: _____ Date: _____