

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. DIV-Dist. 2
1800 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM97116
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No.
Little Roundy-Round Federal #1
9. API Well No.
30-015-33960
10. Field and Pool, or Exploratory Area
Happy Valley; Morrow
11. County or Parish, State
Eddy County, New Mexico

SUBMIT IN TRIPLICATE - Other instructions on reverse side

RECEIVED

FEB 23 2005

ODD-ARTESIA

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other	
2. Name of Operator Marbob Energy Corporation	
3a. Address PO Box 227, Artesia, NM 88211-0227	3b. Phone No. (include area code) 505-748-3303 505-746-2523 fax
4. Location of Well (Footage, Sec., T, R., M., or Survey Description) SESE Lot 16 555' FSL & 1017' FEL, Section 29-T21S-R26E, surface location NESE Lot 9 1980' FSL & 660' FE, Section 29-T21S-R26E, bottom hole location	

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other <u>Change bottom hole location</u>
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

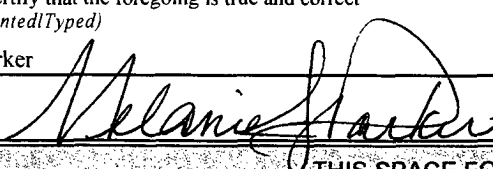
3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Marbob Energy Corporation proposes to change the bottom hole location as follows:

From: SESE Lot 16 555' FSL & 1017' FEL

To: NESE Lot 9 1980' FSL & 660' FEL

Attached is revised acreage dedication plat and directional drilling plan.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Melanie J. Parker		Title Land Department
Signature 		Date February 16, 2005
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by (Signature) (ORIG. SGD.) ALEXIS C. SWOBODA	Name (Printed Typed) PETROLEUM ENGINEER	
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office RFO	Date FEB 22 2005

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

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

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

Form C-102
Revised JUNE 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 78060	Pool Name HAPPY VALLEY; MORROW
Property Code	Property Name LITTLE ROUNDY ROUND FEDERAL	Well Number 1
OGRID No. 14049	Operator Name MARBOB ENERGY CORPORATION	Elevation 3274'

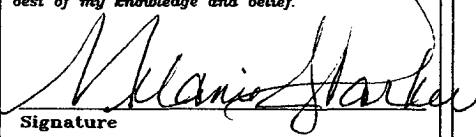
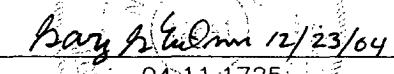
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
16	29	21-S	26-E		555	SOUTH	1017	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
9	29	21S	26E		1980	SOUTH	660	EAST	EDDY
Dedicated Acres 324.34	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

LOT 4	LOT 3 GEODETIC COORDINATES NAD 27 NME Y=525639.5 N X=507507.3 E LAT.=32°26'42.34" N LONG.=104°18'32.39" W	LOT 2	LOT 1
40.67 AC LOT 5	40.62 AC LOT 6	39.77 AC LOT 7	39.69 AC
RECEIVED FEB 23 2005 SOLARTERIA			
40.75 AC LOT 12	40.70 AC LOT 11	39.88 AC LOT 10	39.80 AC LOT 9
40.90 AC LOT 13	40.97 AC LOT 14	40.21 AC LOT 15	39.98 AC LOT 16 40.09 AC
40.90 AC	40.97 AC	40.32 AC	
Bottom hole Surface 3279.5' 3274.2' 600' 600' 555' 1017' 3271.3' 3268.4'			
OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature Melanie J. Parker Printed Name Land Department Title 02/16/2005 Date			
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. DECEMBER 16, 2004 Date Surveyed Signature & Seal of Professional Surveyor  04-11-1725 Certificate No. GARY EIDSON 12641			

PathFinder Energy Service

Planning Report

Company: Marbob Energy	Date: 2/16/2005	Time: 14:54:44	Page: 1
Field: Little Roundy Round Federal #1	Co-ordinate(NE) Reference: Site: Little Roundy Round Federal #1		
Site: Little Roundy Round Federal #1	Vertical (TVD) Reference: SITE 0.0		
Well: Little Roundy Round #1	Section (VS) Reference: Well (0.00N,0.00E,348.77Azi)		
Wellpath: LRR #1	Plan: Plan #1 02/16/05		

Field: Little Roundy Round Federal #1
Eddy County, New Mexico

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf2005

Site: Little Roundy Round Federal #1
Sec. 29, T21S & R26E
Eddy County, New Mexico

Site Position:	From: Geographic	Northing: 516291.88 ft	Latitude: 32 25 9.738 N
Position Uncertainty: 0.00 ft		Easting: 473894.94 ft	Longitude: 104 25 4.555 W
Ground Level: 0.00 ft			North Reference: True
			Grid Convergence: -0.05 deg

Well: Little Roundy Round #1

Slot Name:

Well Position:	+N/-S 0.00 ft	Northing: 516291.88 ft	Latitude: 32 25 9.738 N
	+E/-W 0.00 ft	Easting: 473894.94 ft	Longitude: 104 25 4.555 W
Position Uncertainty: 0.00 ft			

Wellpath: LRR #1

Current Datum: SITE	Height 0.00 ft	Drilled From: Surface
Magnetic Data: 2/16/2005		Tie-on Depth: 0.00 ft
Field Strength: 49304 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)	+N/-S ft	Declination: 8.72 deg
		Mag Dip Angle: 60.37 deg
		+E/-W ft
		Direction deg
0.00	0.00	0.00 348.77

Plan: Plan #1 02/16/05

Date Composed: 2/16/2005
Version: 1
Tied-to: From Surface

Principal: Yes

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	348.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7128.44	0.00	348.77	7128.44	0.00	0.00	0.00	0.00	0.00	0.00	
7928.44	20.00	348.77	7912.29	135.57	-26.91	2.50	2.50	0.00	348.77	
11533.56	20.00	348.77	11300.00	1345.00	-267.00	0.00	0.00	0.00	0.00	PBHL LRRF #1

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	348.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7000.00	0.00	348.77	7000.00	0.00	0.00	0.00	0.00	0.00	0.00	348.77
7100.00	0.00	348.77	7100.00	0.00	0.00	0.00	0.00	0.00	0.00	348.77
7128.44	0.00	348.77	7128.44	0.00	0.00	0.00	0.00	0.00	0.00	348.77

Section 2 : Start Build 2.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7200.00	1.79	348.77	7199.99	1.10	-0.22	1.12	2.50	2.50	0.00	0.00
7300.00	4.29	348.77	7299.84	6.30	-1.25	6.42	2.50	2.50	0.00	0.00
7400.00	6.79	348.77	7399.36	15.76	-3.13	16.07	2.50	2.50	0.00	0.00
7500.00	9.29	348.77	7498.37	29.48	-5.85	30.05	2.50	2.50	0.00	0.00
7600.00	11.79	348.77	7596.68	47.42	-9.41	48.34	2.50	2.50	0.00	0.00
7700.00	14.29	348.77	7694.09	69.55	-13.81	70.90	2.50	2.50	0.00	0.00
7800.00	16.79	348.77	7790.43	95.82	-19.02	97.69	2.50	2.50	0.00	0.00
7900.00	19.29	348.77	7885.51	126.19	-25.05	128.65	2.50	2.50	0.00	0.00
7928.44	20.00	348.77	7912.29	135.57	-26.91	138.21	2.50	2.50	0.00	0.00

PathFinder Energy Service

Planning Report

Company: Marbob Energy
 Field: Little Roundy Round Federal #1
 Site: Little Roundy Round Federal #1
 Well: Little Roundy Round #1
 Wellpath: LRR #1

Date: 2/16/2005 Time: 14:54:44 Page: 2
 Co-ordinate(NE) Reference: Site: Little Roundy Round Federal #1
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,348.77Azi)
 Plan: Plan #1 02/16/05

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
8000.00	20.00	348.77	7979.54	159.58	-31.68	162.69	0.00	0.00	0.00	0.00
8100.00	20.00	348.77	8073.51	193.12	-38.34	196.89	0.00	0.00	0.00	0.00
8200.00	20.00	348.77	8167.48	226.67	-45.00	231.09	0.00	0.00	0.00	0.00
8300.00	20.00	348.77	8261.44	260.22	-51.66	265.30	0.00	0.00	0.00	0.00
8341.03	20.00	348.77	8300.00	273.98	-54.39	279.33	0.00	0.00	0.00	0.00
8400.00	20.00	348.77	8355.41	293.77	-58.32	299.50	0.00	0.00	0.00	0.00
8500.00	20.00	348.77	8449.38	327.31	-64.98	333.70	0.00	0.00	0.00	0.00
8600.00	20.00	348.77	8543.35	360.86	-71.64	367.90	0.00	0.00	0.00	0.00
8700.00	20.00	348.77	8637.32	394.41	-78.30	402.10	0.00	0.00	0.00	0.00
8800.00	20.00	348.77	8731.29	427.96	-84.96	436.31	0.00	0.00	0.00	0.00
8900.00	20.00	348.77	8825.26	461.50	-91.61	470.51	0.00	0.00	0.00	0.00
9000.00	20.00	348.77	8919.23	495.05	-98.27	504.71	0.00	0.00	0.00	0.00
9100.00	20.00	348.77	9013.20	528.60	-104.93	538.91	0.00	0.00	0.00	0.00
9200.00	20.00	348.77	9107.17	562.15	-111.59	573.11	0.00	0.00	0.00	0.00
9300.00	20.00	348.77	9201.14	595.69	-118.25	607.32	0.00	0.00	0.00	0.00
9400.00	20.00	348.77	9295.11	629.24	-124.91	641.52	0.00	0.00	0.00	0.00
9500.00	20.00	348.77	9389.08	662.79	-131.57	675.72	0.00	0.00	0.00	0.00
9600.00	20.00	348.77	9483.04	696.34	-138.23	709.92	0.00	0.00	0.00	0.00
9700.00	20.00	348.77	9577.01	729.88	-144.89	744.13	0.00	0.00	0.00	0.00
9800.00	20.00	348.77	9670.98	763.43	-151.55	778.33	0.00	0.00	0.00	0.00
9900.00	20.00	348.77	9764.95	796.98	-158.21	812.53	0.00	0.00	0.00	0.00
10000.00	20.00	348.77	9858.92	830.52	-164.87	846.73	0.00	0.00	0.00	0.00
10100.00	20.00	348.77	9952.89	864.07	-171.53	880.93	0.00	0.00	0.00	0.00
10200.00	20.00	348.77	10046.86	897.62	-178.19	915.14	0.00	0.00	0.00	0.00
10300.00	20.00	348.77	10140.83	931.17	-184.85	949.34	0.00	0.00	0.00	0.00
10400.00	20.00	348.77	10234.80	964.71	-191.51	983.54	0.00	0.00	0.00	0.00
10500.00	20.00	348.77	10328.77	998.26	-198.17	1017.74	0.00	0.00	0.00	0.00
10600.00	20.00	348.77	10422.74	1031.81	-204.83	1051.94	0.00	0.00	0.00	0.00
10700.00	20.00	348.77	10516.71	1065.36	-211.49	1086.15	0.00	0.00	0.00	0.00
10800.00	20.00	348.77	10610.68	1098.90	-218.15	1120.35	0.00	0.00	0.00	0.00
10900.00	20.00	348.77	10704.65	1132.45	-224.81	1154.55	0.00	0.00	0.00	0.00
11000.00	20.00	348.77	10798.61	1166.00	-231.47	1188.75	0.00	0.00	0.00	0.00
11100.00	20.00	348.77	10892.58	1199.55	-238.13	1222.95	0.00	0.00	0.00	0.00
11200.00	20.00	348.77	10986.55	1233.09	-244.79	1257.16	0.00	0.00	0.00	0.00
11300.00	20.00	348.77	11080.52	1266.64	-251.45	1291.36	0.00	0.00	0.00	0.00
11400.00	20.00	348.77	11174.49	1300.19	-258.11	1325.56	0.00	0.00	0.00	0.00
11500.00	20.00	348.77	11268.46	1333.74	-264.76	1359.76	0.00	0.00	0.00	0.00
11533.56	20.00	348.77	11300.00	1345.00	-267.00	1371.24	0.00	0.00	0.00	0.00

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
7000.00	0.00	348.77	7000.00	0.00	0.00	0.00	0.00	0.00	0.00	
7100.00	0.00	348.77	7100.00	0.00	0.00	0.00	0.00	0.00	0.00	
7128.44	0.00	348.77	7128.44	0.00	0.00	0.00	0.00	0.00	0.00	
7200.00	1.79	348.77	7199.99	1.10	-0.22	1.12	2.50	2.50	0.00	
7300.00	4.29	348.77	7299.84	6.30	-1.25	6.42	2.50	2.50	0.00	
7400.00	6.79	348.77	7399.36	15.76	-3.13	16.07	2.50	2.50	0.00	
7500.00	9.29	348.77	7498.37	29.48	-5.85	30.05	2.50	2.50	0.00	
7600.00	11.79	348.77	7596.68	47.42	-9.41	48.34	2.50	2.50	0.00	
7700.00	14.29	348.77	7694.09	69.55	-13.81	70.90	2.50	2.50	0.00	
7800.00	16.79	348.77	7790.43	95.82	-19.02	97.69	2.50	2.50	0.00	
7900.00	19.29	348.77	7885.51	126.19	-25.05	128.65	2.50	2.50	0.00	
7928.44	20.00	348.77	7912.29	135.57	-26.91	138.21	2.50	2.50	0.00	
8000.00	20.00	348.77	7979.54	159.58	-31.68	162.69	0.00	0.00	0.00	
8100.00	20.00	348.77	8073.51	193.12	-38.34	196.89	0.00	0.00	0.00	
8200.00	20.00	348.77	8167.48	226.67	-45.00	231.09	0.00	0.00	0.00	
8300.00	20.00	348.77	8261.44	260.22	-51.66	265.30	0.00	0.00	0.00	
8341.03	20.00	348.77	8300.00	273.98	-54.39	279.33	0.00	0.00	0.00	7" Csg.
8400.00	20.00	348.77	8355.41	293.77	-58.32	299.50	0.00	0.00	0.00	

PathFinder Energy Service

Planning Report

Company: Marbob Energy	Date: 2/16/2005	Time: 14:54:44	Page: 3
Field: Little Roundy Round Federal #1	Co-ordinate(NE) Reference: Site: Little Roundy Round Federal #1		
Site: Little Roundy Round Federal #1	Vertical (TVD) Reference: SITE 0.0		
Well: Little Roundy Round #1	Section (VS) Reference: Well (0.00N,0.00E,348.77Azi)		
Wellpath: LRR #1	Plan: Plan #1 02/16/05		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
8500.00	20.00	348.77	8449.38	327.31	-64.98	333.70	0.00	0.00	0.00	
8600.00	20.00	348.77	8543.35	360.86	-71.64	367.90	0.00	0.00	0.00	
8700.00	20.00	348.77	8637.32	394.41	-78.30	402.10	0.00	0.00	0.00	
8800.00	20.00	348.77	8731.29	427.96	-84.96	436.31	0.00	0.00	0.00	
8900.00	20.00	348.77	8825.26	461.50	-91.61	470.51	0.00	0.00	0.00	
9000.00	20.00	348.77	8919.23	495.05	-98.27	504.71	0.00	0.00	0.00	
9100.00	20.00	348.77	9013.20	528.60	-104.93	538.91	0.00	0.00	0.00	
9200.00	20.00	348.77	9107.17	562.15	-111.59	573.11	0.00	0.00	0.00	
9300.00	20.00	348.77	9201.14	595.69	-118.25	607.32	0.00	0.00	0.00	
9400.00	20.00	348.77	9295.11	629.24	-124.91	641.52	0.00	0.00	0.00	
9500.00	20.00	348.77	9389.08	662.79	-131.57	675.72	0.00	0.00	0.00	
9600.00	20.00	348.77	9483.04	696.34	-138.23	709.92	0.00	0.00	0.00	
9700.00	20.00	348.77	9577.01	729.88	-144.89	744.13	0.00	0.00	0.00	
9800.00	20.00	348.77	9670.98	763.43	-151.55	778.33	0.00	0.00	0.00	
9900.00	20.00	348.77	9764.95	796.98	-158.21	812.53	0.00	0.00	0.00	
10000.00	20.00	348.77	9858.92	830.52	-164.87	846.73	0.00	0.00	0.00	
10100.00	20.00	348.77	9952.89	864.07	-171.53	880.93	0.00	0.00	0.00	
10200.00	20.00	348.77	10046.86	897.62	-178.19	915.14	0.00	0.00	0.00	
10300.00	20.00	348.77	10140.83	931.17	-184.85	949.34	0.00	0.00	0.00	
10400.00	20.00	348.77	10234.80	964.71	-191.51	983.54	0.00	0.00	0.00	
10500.00	20.00	348.77	10328.77	998.26	-198.17	1017.74	0.00	0.00	0.00	
10600.00	20.00	348.77	10422.74	1031.81	-204.83	1051.94	0.00	0.00	0.00	
10700.00	20.00	348.77	10516.71	1065.36	-211.49	1086.15	0.00	0.00	0.00	
10800.00	20.00	348.77	10610.68	1098.90	-218.15	1120.35	0.00	0.00	0.00	
10900.00	20.00	348.77	10704.65	1132.45	-224.81	1154.55	0.00	0.00	0.00	
11000.00	20.00	348.77	10798.61	1166.00	-231.47	1188.75	0.00	0.00	0.00	
11100.00	20.00	348.77	10892.58	1199.55	-238.13	1222.95	0.00	0.00	0.00	
11200.00	20.00	348.77	10986.55	1233.09	-244.79	1257.16	0.00	0.00	0.00	
11300.00	20.00	348.77	11080.52	1266.64	-251.45	1291.36	0.00	0.00	0.00	
11400.00	20.00	348.77	11174.49	1300.19	-258.11	1325.56	0.00	0.00	0.00	
11500.00	20.00	348.77	11268.46	1333.74	-264.76	1359.76	0.00	0.00	0.00	
11533.56	20.00	348.77	11300.00	1345.00	-267.00	1371.24	0.00	0.00	0.00	PBHL LRRF #1

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec	Longitude Deg Min Sec
PBHL LRRF #1			11300.00	1345.00	-267.00	517637.08	473629.00	32 25 23.048 N	104 25 7.670 W
-Plan hit target									

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name
8341.03	8300.00	7.000	8.750	7" Csg.
2200.00	2200.00	9.625	12.250	9 5/8" Csg.

Marbob Energy Corporation

Little Roundy Round Federal #1

Eddy County, New Mexico

Section 29, T21S & R26E

Plan #1 02/16/05



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	348.77	0.00	0.00	0.00	0.00	0.00	0.00	
2	7128.44	0.00	348.77	7128.44	0.00	0.00	0.00	0.00	0.00	
3	7928.44	20.00	348.77	7912.29	135.57	-26.91	2.50	348.77	138.21	
4	11533.56	20.00	348.77	11300.00	1345.00	-267.00	0.00	0.00	1371.24	PBHL LRRF #1

T
M Azimuths to True North
Magnetic North: 8.72°

Magnetic Field
Strength: 49304nT
Dip Angle: 60.37°
Date: 2/16/2005
Model: igrf2005

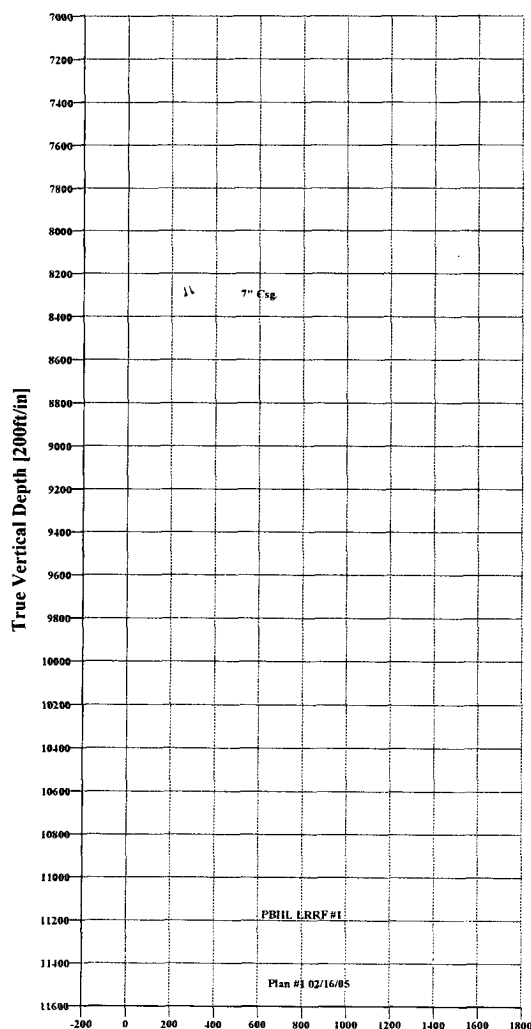
Field: Little Roundy Round Federal #1
Site: Little Roundy Round Federal #1
Well: Little Roundy Round #1
Wellpath: LRR #1
Plan: Plan #1 02/16/05

FIELD DETAILS

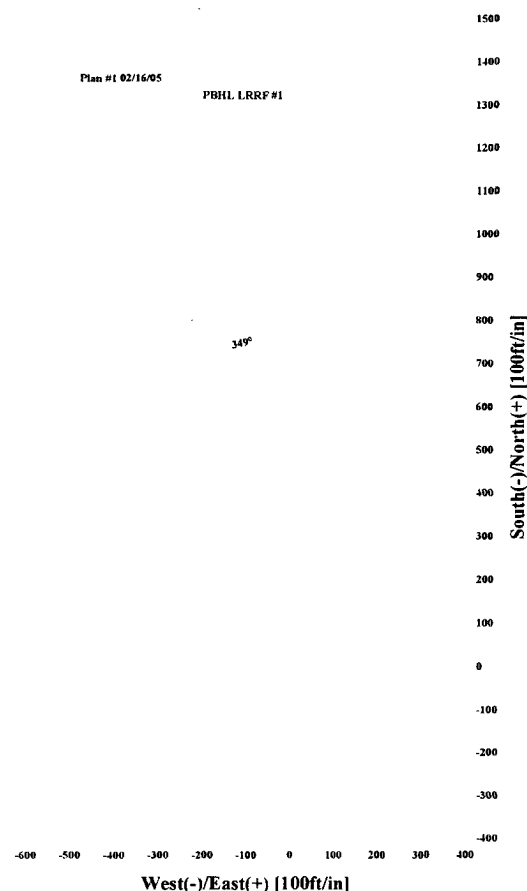
Little Roundy Round Federal #1
Eddy County, New Mexico

Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: New Mexico, Eastern Zone
Magnetic Model: igrf2005

System Datum: Mean Sea Level
Local North: True North



Vertical Section at 348.77° [200ft/in]



Plan: Plan #1 (DAD State #42/Original Hole)

Created By: Ron McIntyre Date: 7/26/2004

Checked: _____ Date: _____

Reviewed: _____ Date: _____

Approved: _____ Date: _____