

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

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-101

APPLICATION FOR PERMIT TO DRILL

Operator Name and Address Marbob Energy Corporation PO Box 227 Artesia, NM 88211-0227		OGRID Number 14049
		API Number 30-15-32901
Property Code 32630	Property Name LOONEY FEE COM	Well No. 001

Surface Location

UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	21	22S	27E		2169	S	2423	W	Eddy

Bottom Holes

Pool: CARLSBAD;MORROW, SOUTH (PRO GAS) 73960									
UL or Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	21	22S	27E		1980	S	1980	E	Eddy

Work Type New Well	Well Type Gas	Cable/Rotary	Lease Type Private	Ground Level Elevation 3114
Multiple N	Proposed Depth 12000	Formation Morrow	Contractor	Spud Date 8/1/2003

Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	300	300	0
Int1	12.25	9.625	36	1800	600	0
Int2	8.75	7	23	9050	1200	0
Prod	6.125	4.5	11.6	12000	300	8500

Casing/Cement Program: Additional Comments

Surface - Circulate Int 1 - Circulate Int 2 - Attempt to circulate, tie back in at least 500
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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	Cameron
Annular	3000	3000	Hydril

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Electronically Signed By: Diana Cannon

Title: Production Analyst

Date: 7/21/2003

Phone: 505-748-3303

OIL CONSERVATION DIVISION

Electronically Approved By: Bryan Arrant

Title: Geologist

Approval Date: 7/25/2003

Expiration Date: 7/25/2004

Conditions of Approval:

There are conditions. See Attached.

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State of New Mexico

Energy, Minerals and Natural Resources

Form C-102

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

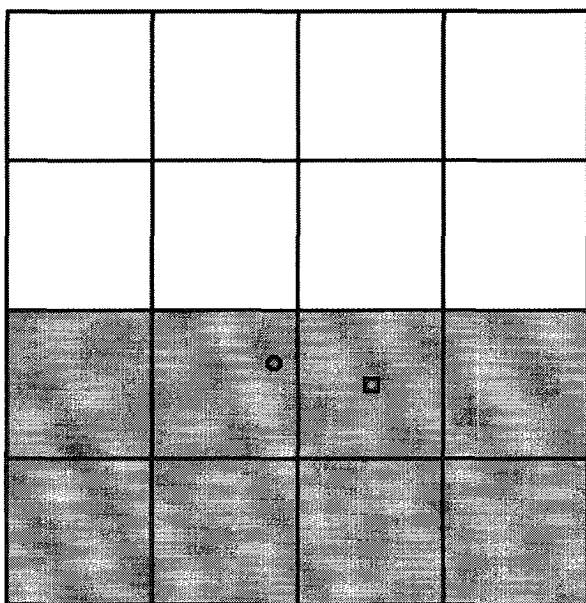
API Number 30-15-32901	Pool Name CARLSBAD;MORROW, SOUTH (PRO GAS)	Pool Code 73960
Property Code 32630	Property Name LOONEY FEE COM	Well No. 001
OGRID No. 14049	Operator Name Marbob Energy Corporation	Elevation 3114

Surface Location

UL or Lot K	Section 21	Township 22S	Range 27E	Lot Idn	Feet From 2169	N/S Line S	Feet From 2423	E/W Line W	County Eddy
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Bottom Hole Location If Different From Surface

UL or Lot K	Section 21	Township 22S	Range 27E	Lot Idn	Feet From 1980	N/S Line S	Feet From 1980	E/W Line E	County Eddy
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Electronically Signed By: Diana Cannon

Title: Production Analyst

Date: 7/21/2003

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.

Electronically Signed By: Ronald Eidson

Date of Survey: 7/17/2003

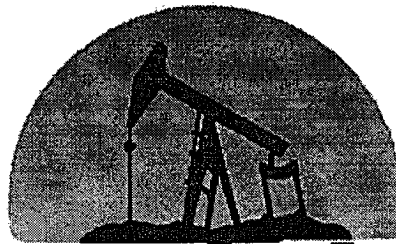
Certificate Number: 3239

APD Conditions Of Approval

Operator: 14049 Marbob Energy Corporation

Well: LOONEY FEE COM 001

OCD Reviewer	Condition
BARRANT	Penetration to terminus points must be orthodox for oil/gas well zones to produce. NSL required for non-standard locations. Final direction drill data must reflect this.



marbob
ENERGY CORPORATION
ARTESIA, NEW MEXICO

July 24, 2003

Oil Conservation Division
1301 W. Grand Ave.
Artesia, NM 88210

Attention: Bryan Arrant

Re: Looney Fee Com #1
2169' FSL & 2423' FWL, Unit K
Section 21, T22S, R27E
Eddy County, New Mexico

Dear Bryan:

We don't anticipate cutting any formations that contain H₂S gas during the drilling of the above referenced well. We plan to complete in the Morrow, Atoka, Strawn, or Wolfcamp, all of which are sweet, not sour.

If you have questions or need further information, please call.

Sincerely,

Melanie J. Parker
Land Department

/mp

PathFinder Energy Services

Proposal Report

Page 1
 Proposal No: 2
 Date: 7/17/2003
 Time: 3:19 pm
 Wellpath ID: Location #2(900' East of SL)
 Last Revision: 7/17/2003

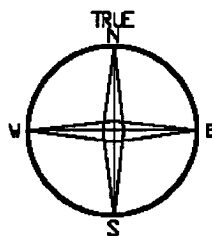
Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
 Vertical Section Plane: 90.00 deg.

Survey Reference: WELLHEAD
 Vertical Section Reference: WELLHEAD
 Closure Reference: WELLHEAD
 TVD Reference: WELLHEAD

MarBob Energy
 Eddy, Co. NM
 Grey Wolf #76
 Looney #1
 Location #2(900' East of SL)

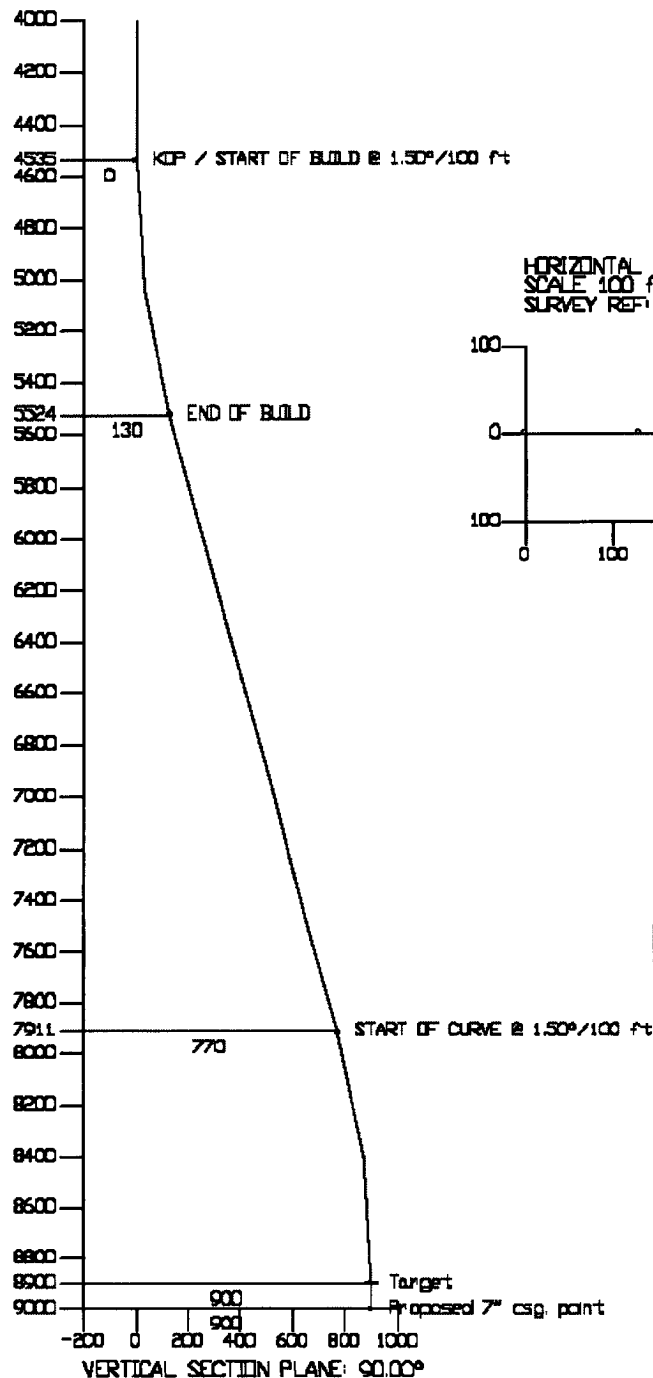
Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
4500.00	0.00	0.00	4500.00	0.00	0.00 N	0.00 E	0.00@	0.00	0.00
KOP / START OF BUILD @ 1.50 deg/100 ft									
4535.40	0.00	0.00	4535.40	0.00	0.00 N	0.00 E	0.00@	0.00	0.00
5035.40	7.50	90.00	5033.98	32.68	0.00 N	32.68 E	32.68@	90.00	1.50
END OF BUILD									
5535.40	15.00	90.00	5524.02	130.15	0.00 N	130.15 E	130.15@	90.00	1.50
6035.40	15.00	90.00	6006.98	259.56	0.00 N	259.56 E	259.56@	90.00	0.00
6535.40	15.00	90.00	6489.94	388.97	0.00 N	388.97 E	388.97@	90.00	0.00
7035.40	15.00	90.00	6972.91	518.38	0.00 N	518.38 E	518.38@	90.00	0.00
7535.40	15.00	90.00	7455.87	647.79	0.00 N	647.79 E	647.79@	90.00	0.00
START OF CURVE @ 1.50 deg/100 ft									
8006.99	15.00	90.00	7911.38	769.85	0.00 N	769.85 E	769.85@	90.00	0.00
8506.99	7.50	90.00	8401.43	867.32	0.00 N	867.32 E	867.32@	90.00	1.50
Target									
9006.99	0.00	0.00	8900.00	900.00	0.00 N	900.00 E	900.00@	90.00	1.50
Proposed 7" csg. point									
9106.99	0.00	0.00	9000.00	900.00	0.00 N	900.00 E	900.00@	90.00	0.00

MarBob Energy
 Eddy, Co. NM
 Grey Wolf #76
 Looney #1
 Location #2(900' East of SL)

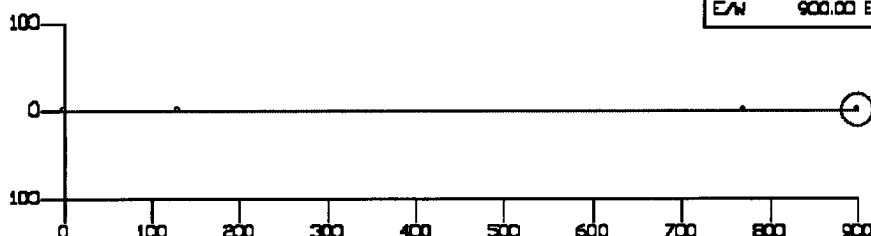


7/17/2003 3:19 pm

VERTICAL VIEW
 SCALE 200 FT. / DIVISION
 TVD REF: WELLHEAD
 VERTICAL SECTION REF: WELLHEAD



HORIZONTAL VIEW
 SCALE 100 FT. / DIVISION
 SURVEY REF: WELLHEAD



PROPOSED B/L			
TVD	9000.00		
SL	9102.98		
SL	9000.00		
SL	9000.00		
SL	9000.00		

CRITICAL POINT DATA						
TIE IN	MD	In	Azi	TVD	N/S	E/W
KOP / START OF BUILD @ 1.50°/100 ft	4535	0.00°	90.00°	4535	O N	O E
END OF BUILD	5524	15.00°	90.00°	5524	O N	130 E
START OF CURVE @ 1.50°/100 ft	8007	15.00°	90.00°	7911	O N	770 E
Target	9007	0.00°	90.00°	8900	O N	900 E
Proposed 7 csg. point	9107	0.00°	90.00°	9000	O N	900 E