

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 & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised June 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-20814		² Pool Code 97224		³ Pool Name Greenwood; Morrow, SE (Gas)	
⁴ Property Code 32988		⁵ Property Name String Bean Federal Com			⁶ Well Number 2
⁷ OGRID No. 14049		⁸ Operator Name Marbob Energy Corporation			⁹ Elevation 3526'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	31	19S	32E		1980	South	660	East	Lea

¹¹ 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
H	31	19S	32E		1320	South	1980	East	Lea

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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

¹⁶ 	¹⁷ OPERATOR CERTIFICATION I hereby certify that 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 and E-mail Address November 9, 2004 Date
	¹⁸ 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

PathFinder

Planning Report

Company: Marbob Energy
 Field: Stringbean #2
 Site: Site #105
 Well: Stringbean #2
 Wellpath: Original Hole

Date: 7/29/2004 Time: 15:05:28 Page: 3
 Co-ordinate(NE) Reference: Well: Stringbean #2, Grid: North
 Vertical (TVD) Reference: System: Mean Sea Level
 Section (VS) Reference: Well (0.00N,0.00E,243.43Azi)
 Plan: Plan #2

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
8300.00	0.00	243.43	8300.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
8400.00	0.00	243.43	8400.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
8500.00	0.00	243.43	8500.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
8600.00	0.00	243.43	8600.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
8700.00	0.00	243.43	8700.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
8800.00	0.00	243.43	8800.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
8900.00	0.00	243.43	8900.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
9000.00	0.00	243.43	9000.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
9100.00	0.00	243.43	9100.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43

Section 2 : Start Build 2.00

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
9200.00	2.00	243.43	9199.98	-0.78	-1.56	1.75	2.00	2.00	0.00	0.00
9300.00	4.00	243.43	9299.84	-3.12	-6.24	6.98	2.00	2.00	0.00	0.00
9400.00	6.00	243.43	9399.45	-7.02	-14.04	15.69	2.00	2.00	0.00	0.00
9500.00	8.00	243.43	9498.70	-12.47	-24.94	27.88	2.00	2.00	0.00	0.00
9600.00	10.00	243.43	9597.47	-19.46	-38.93	43.52	2.00	2.00	0.00	0.00
9700.00	12.00	243.43	9695.62	-28.00	-55.99	62.60	2.00	2.00	0.00	0.00
9800.00	14.00	243.43	9793.06	-38.06	-76.11	85.10	2.00	2.00	0.00	0.00
9900.00	16.00	243.43	9889.64	-49.63	-99.26	110.98	2.00	2.00	0.00	0.00
10000.00	18.00	243.43	9985.27	-62.71	-125.41	140.21	2.00	2.00	0.00	0.00
10100.00	20.00	243.43	10079.82	-77.26	-154.53	172.77	2.00	2.00	0.00	0.00
10200.00	22.00	243.43	10173.17	-93.29	-186.58	208.60	2.00	2.00	0.00	0.00
10300.00	24.00	243.43	10265.21	-110.76	-221.53	247.67	2.00	2.00	0.00	0.00
10400.00	26.00	243.43	10355.84	-129.66	-259.32	289.93	2.00	2.00	0.00	0.00
10500.00	28.00	243.43	10444.94	-149.96	-299.93	335.33	2.00	2.00	0.00	0.00
10600.00	30.00	243.43	10532.39	-171.64	-343.29	383.81	2.00	2.00	0.00	0.00
10615.81	30.32	243.43	10546.06	-175.20	-350.39	391.75	2.00	2.00	0.00	0.00

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
10700.00	30.32	243.43	10618.74	-194.20	-388.40	434.25	0.00	0.00	0.00	0.00
10800.00	30.32	243.43	10705.07	-216.78	-433.55	484.73	0.00	0.00	0.00	0.00
10900.00	30.32	243.43	10791.39	-239.35	-478.70	535.20	0.00	0.00	0.00	0.00
11000.00	30.32	243.43	10877.72	-261.92	-523.85	585.68	0.00	0.00	0.00	0.00
11100.00	30.32	243.43	10964.04	-284.50	-569.00	636.16	0.00	0.00	0.00	0.00
11200.00	30.32	243.43	11050.37	-307.07	-614.14	686.63	0.00	0.00	0.00	0.00
11300.00	30.32	243.43	11136.69	-329.65	-659.29	737.11	0.00	0.00	0.00	0.00
11400.00	30.32	243.43	11223.02	-352.22	-704.44	787.59	0.00	0.00	0.00	0.00
11500.00	30.32	243.43	11309.34	-374.79	-749.59	838.07	0.00	0.00	0.00	0.00
11600.00	30.32	243.43	11395.67	-397.37	-794.74	888.54	0.00	0.00	0.00	0.00
11700.00	30.32	243.43	11482.00	-419.94	-839.88	939.02	0.00	0.00	0.00	0.00
11800.00	30.32	243.43	11568.32	-442.52	-885.03	989.50	0.00	0.00	0.00	0.00
11900.00	30.32	243.43	11654.65	-465.09	-930.18	1039.97	0.00	0.00	0.00	0.00
12000.00	30.32	243.43	11740.97	-487.66	-975.33	1090.45	0.00	0.00	0.00	0.00
12100.00	30.32	243.43	11827.30	-510.24	-1020.48	1140.93	0.00	0.00	0.00	0.00
12200.00	30.32	243.43	11913.62	-532.81	-1065.62	1191.40	0.00	0.00	0.00	0.00
12300.00	30.32	243.43	11999.95	-555.39	-1110.77	1241.88	0.00	0.00	0.00	0.00
12400.00	30.32	243.43	12086.27	-577.96	-1155.92	1292.36	0.00	0.00	0.00	0.00
12500.00	30.32	243.43	12172.60	-600.53	-1201.07	1342.84	0.00	0.00	0.00	0.00
12600.00	30.32	243.43	12258.92	-623.11	-1246.22	1393.31	0.00	0.00	0.00	0.00
12700.00	30.32	243.43	12345.25	-645.68	-1291.37	1443.79	0.00	0.00	0.00	0.00
12763.42	30.32	243.43	12400.00	-660.00	-1320.00	1475.80	0.00	0.00	0.00	0.00

Section 4 : 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
12800.00	30.32	243.43	12431.57	-668.26	-1336.51	1494.27	0.00	0.00	0.00	0.00
12900.00	30.32	243.43	12517.90	-690.83	-1381.66	1544.74	0.00	0.00	0.00	0.00

Marbob Energy

Stringbean #2 (KOP @ 9,100' TVD)

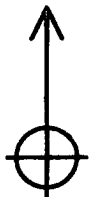
PATHFINDER ENERGY SERVICES

SITE DETAILS

Site #105
Eddy County, NM

Positional Uncertainty: 0.00
Convergence: 0.00

G/T/M



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

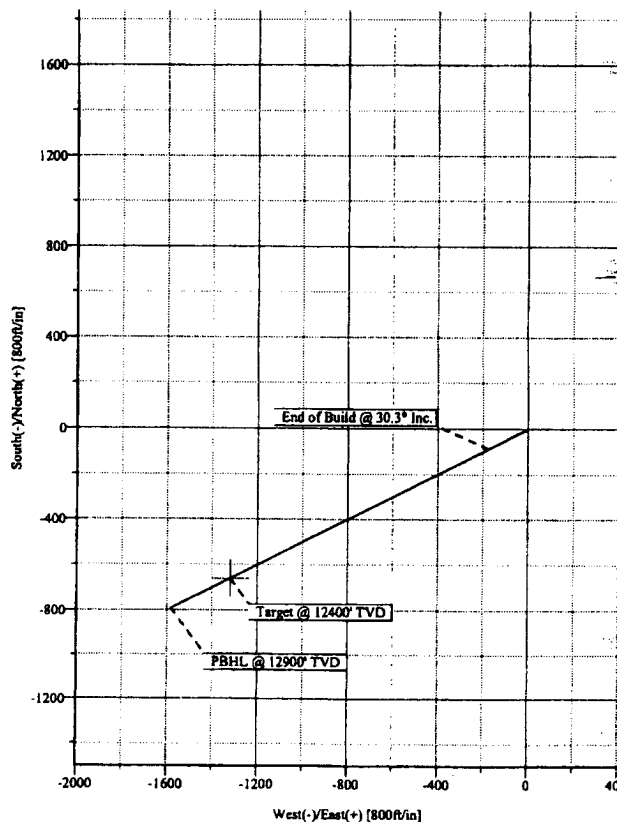
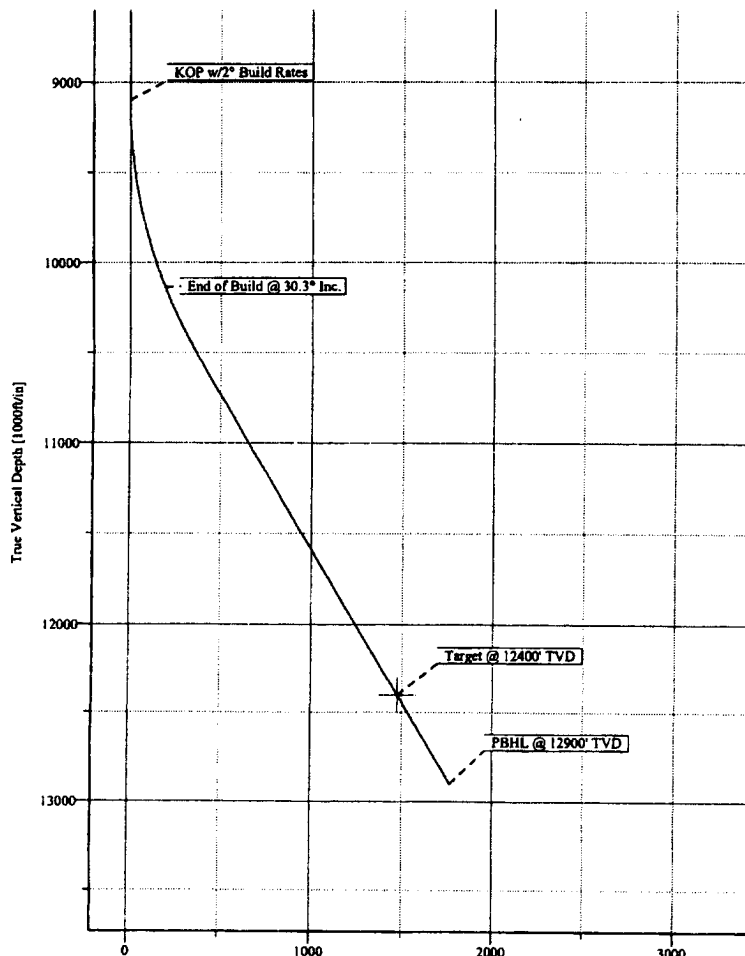
Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 7/29/2004
Model: igrf2000

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Target @ 12400' TVD	12400.00	-660.00	-1320.00	Point

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	243.43	0.00	0.00	0.00	0.00	0.00	0.00	
2	9100.00	0.00	243.43	9100.00	0.00	0.00	0.00	0.00	243.43	
3	10615.81	30.32	243.43	10546.06	-175.20	-350.39	2.00	243.43	391.75	
4	12763.42	30.32	243.43	12400.00	-660.00	-1320.00	0.00	0.00	1475.80	Target @ 12400' TVD
5	13342.63	30.32	243.43	12900.00	-790.75	-1581.50	0.00	0.00	1768.17	



Plan: Plan #1 (Stringbean #2/Original Hole)

Created By: Ron McIntyre

Date: 7/29/2004

[illegible]



Date: 7/29/2004 Time: 15:05:28
Co-ordinate(NE) Reference: Well: Stringbean #2, Grid North
Vertical (TVD) Reference: System: Mean Sea Level
Section (VS) Reference: Well: (0.00N,0.00E,243.43Azi)
Plan: Plan:#2

Page: 2

MD ft	Incl deg	Azlm deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Buidl deg/100ft	Turn deg/100ft	TFO deg
1900.00	0.00	243.43	1900.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
2000.00	0.00	243.43	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
2100.00	0.00	243.43	2100.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
2200.00	0.00	243.43	2200.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
2300.00	0.00	243.43	2300.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
2400.00	0.00	243.43	2400.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
2500.00	0.00	243.43	2500.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
2600.00	0.00	243.43	2600.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
2700.00	0.00	243.43	2700.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
2800.00	0.00	243.43	2800.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
2900.00	0.00	243.43	2900.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
3000.00	0.00	243.43	3000.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
3100.00	0.00	243.43	3100.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
3200.00	0.00	243.43	3200.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
3300.00	0.00	243.43	3300.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
3400.00	0.00	243.43	3400.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
3500.00	0.00	243.43	3500.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
3600.00	0.00	243.43	3600.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
3700.00	0.00	243.43	3700.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
3800.00	0.00	243.43	3800.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
3900.00	0.00	243.43	3900.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
4000.00	0.00	243.43	4000.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
4100.00	0.00	243.43	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
4200.00	0.00	243.43	4200.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
4300.00	0.00	243.43	4300.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
4400.00	0.00	243.43	4400.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
4500.00	0.00	243.43	4500.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
4600.00	0.00	243.43	4600.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
4700.00	0.00	243.43	4700.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
4800.00	0.00	243.43	4800.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
4900.00	0.00	243.43	4900.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
5000.00	0.00	243.43	5000.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
5100.00	0.00	243.43	5100.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
5200.00	0.00	243.43	5200.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
5300.00	0.00	243.43	5300.00	0.00	0.00	0.00	0.0			