

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

1980' FSL & 660' FEL, Section 31, T19S, R32E

5. Lease Serial No.

NMNM58935

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

NMNM111775

8. Well Name and No.

String Bean Federal Com #2

9. API Well No.

30-025-20814

10. Field and Pool, or Exploratory Area

Greenwood Morrow Southeast Gas

11. County or Parish, State

Lea, NM

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
	☐ 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 proposes to:

Cut 5 1/2" csg @ 12000' and pull. Set cmt plug 100' in and out of csg from 11950' - 12050'.

Set cmt plug @ top of Wolfcamp 10500' - 10600'.

Set 500' cmt plug @ 8850' - 9350'. Kick off @ 9100' and directionally drill 7 7/8" hole to 12900' w/cut brine water.

Run 5 1/2" 17# S95/P110 csg to TD and cmt w/1200 sx cmt. Plan to bring TOC 200' above all oil and gas bearing zones.

Directional drilling plan and revised C-102 are attached.

Bottom hole location: 1320' FSL & 1980' FEL, Section 31, T19S, R32E

EXTENSION
APPROVED FOR 6 MONTH PERIOD
JUN 01 2006
ENDING

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Nancy Bratcher

Title Land Department

Signature

Nancy Bratcher

Date November 30, 2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature) *DAVID E. CLARK*

Name
(Printed/Typed)

METROLE 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

Date

DEC 01 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)

KZ

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 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	Time: 15:05:28 Page: 3
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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

PATHFINDER ENERGY SERVICES

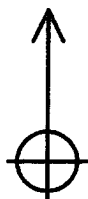
Stringbean #2 (KOP @ 9,100' TVD)

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°

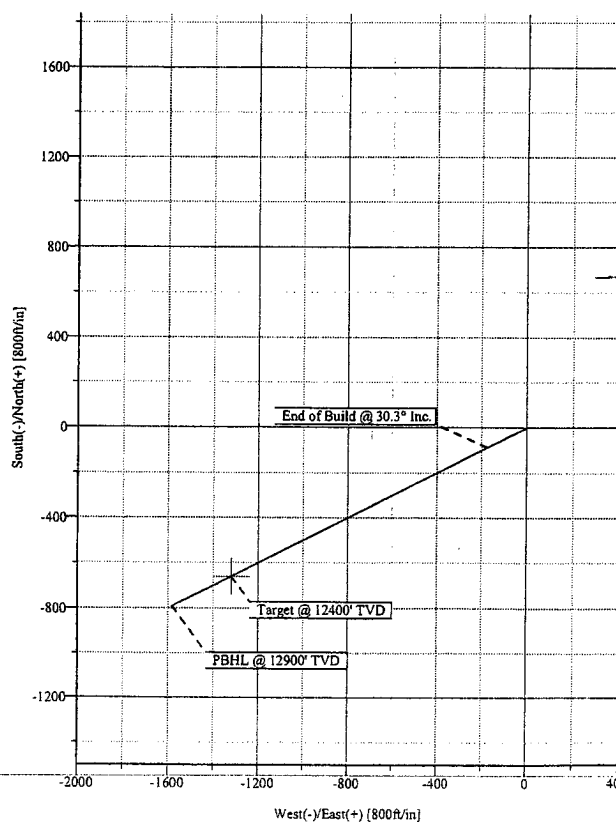
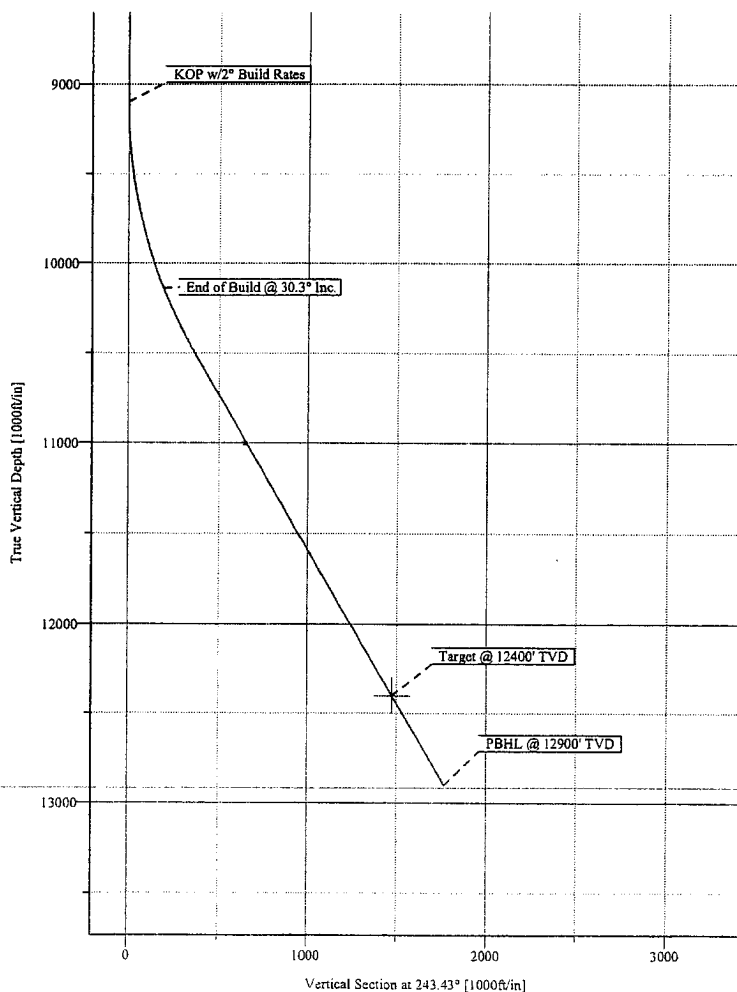
Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 7/29/2004
Model: igrf2000

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	243.43	0.00	
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



Company:	Marbob Energy	Date:	7/29/2004	Time:	15:05:28	Page:	1			
Field:	Stringbean #2	Co-ordinate(NE) Reference:	Well: Stringbean #2, Grid North							
Site:	Site #105	Vertical (TVD) Reference:	System: Mean Sea Level							
Well:	Stringbean #2	Section (VS) Reference:	Well (0.00N,0.00E,243.43Azi)							
Wellpath:	Original Hole	Plan:	Plan #2							
Field: Stringbean #2 Eddy County, NM										
Map System: US State Plane Coordinate System 1927				Map Zone: New Mexico, Eastern Zone						
Geo Datum: NAD27 (Clarke 1866)				Coordinate System: Well Centre						
Sys Datum: Mean Sea Level				Geomagnetic Model: igrf2000						
Site: Site #105 Eddy County, NM										
Site Position:		Northing:		Latitude:						
From: Lease Line		Easting:		Longitude:						
Position Uncertainty:		0.00 ft		North Reference:		Grid				
Ground Level:		0.00 ft		Grid Convergence:		0.00 deg				
Well: Stringbean #2				Slot Name:						
Well Position:		+N/-S 0.00 ft		Northing:		0.00 ft				
		+E/-W 0.00 ft		Easting :		0.00 ft				
Position Uncertainty:		0.00 ft		Latitude:		30 59 24.512 N				
				Longitude:		105 55 44.137 W				
Wellpath: Original Hole										
Current Datum: SITE		Height		Drilled From:		Surface				
Magnetic Data: 7/29/2004		0.00 ft		Tie-on Depth:		0.00 ft				
Field Strength: 0 nT				Above System Datum:		Mean Sea Level				
Vertical Section:				Declination:		0.00 deg				
Depth From (TVD)		+N/-S		Mag Dip Angle:		0.00 deg				
ft		ft		+E/-W		Direction				
				ft		deg				
0.00		0.00		0.00		243.43				
Plan: Plan #2				Date Composed: 7/29/2004						
				Version: 1						
Principal: No				Tied-to: From Surface						
Plan Section Information										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Buidl deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	243.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9100.00	0.00	243.43	9100.00	0.00	0.00	0.00	0.00	0.00	243.43	
10615.81	30.32	243.43	10546.06	-175.20	-350.39	2.00	2.00	0.00	243.43	
12763.42	30.32	243.43	12400.00	-660.00	-1320.00	0.00	0.00	0.00	0.00	Target @ 12400' TVD
13342.63	30.32	243.43	12900.00	-790.75	-1581.50	0.00	0.00	0.00	0.00	
Section 1 : Start Hold										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Buidl deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	243.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	243.43	100.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
200.00	0.00	243.43	200.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
300.00	0.00	243.43	300.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
400.00	0.00	243.43	400.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
500.00	0.00	243.43	500.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
600.00	0.00	243.43	600.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
700.00	0.00	243.43	700.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
800.00	0.00	243.43	800.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
900.00	0.00	243.43	900.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
1000.00	0.00	243.43	1000.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
1100.00	0.00	243.43	1100.00	0.00	0.00	0.00	0.00	0.00	0.00	243.43
1200.00	0.00	243.43	1200.00</							



Date: 7/29/2004 Time: 15:05:28 Page: 2

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