

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

FORM APPROVED
OMB No. 1004-0135
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.	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

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 Fax 746-2523
4. Location of Well (Footage, Sec., T, R., M., or Survey Description) 1980' FSL & 660' FEL, Section 31, T19S, R32E	

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	

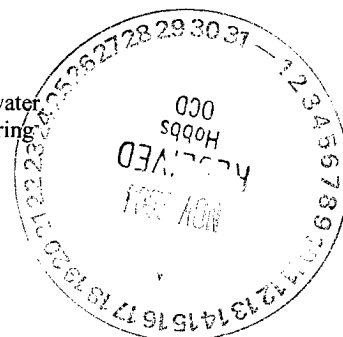
3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths 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 recompleation 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



14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Melanie J. Parker	Title Land Department
Signature <i>Melanie J. Parker</i>	Date November 9, 2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by (Signature) (ORIG. SGD.) DAVID R. GLASS	Name (Printed Typed)	Title
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 NOV 10 2004

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

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	Date: 7/29/2004	Time: 15:05:28	Page: 3
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		

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

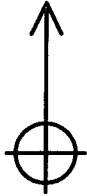
Stringbean #2 (KOP @ 9,100' TVD)

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°

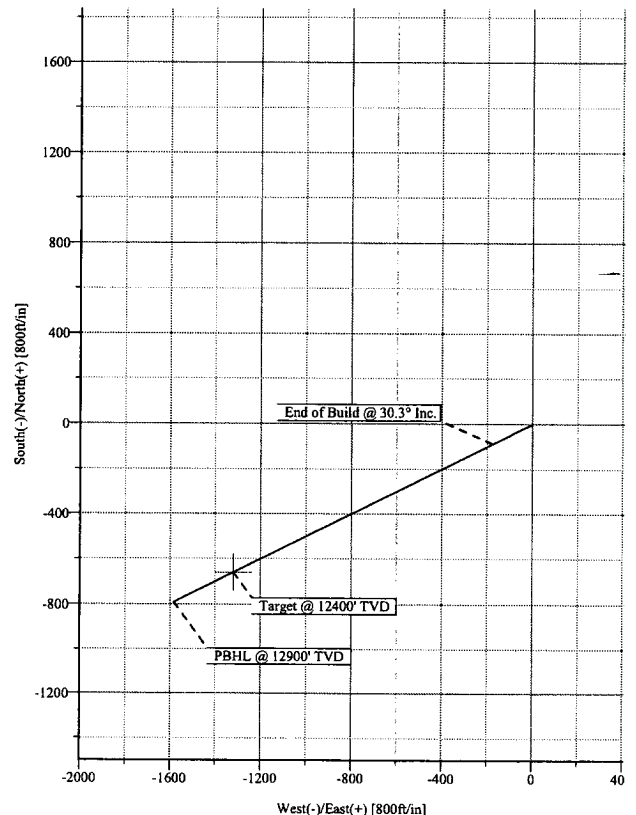
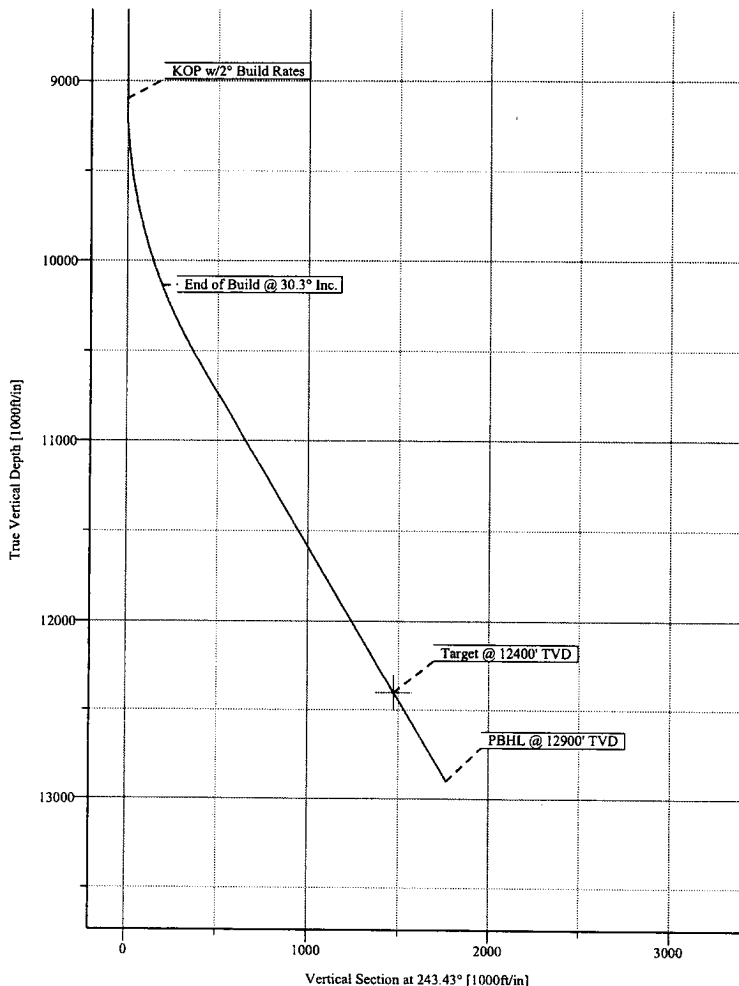
Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 7/29/2004
Model: igrf2000

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



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