

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-AKJL

FORM APPROVED
OMB NO 1004-0135
Expires July 31, 2010

RM

MAR 30 2009

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.

Lease Serial No
NMNM103597 /

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1 Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8 Well Name and No
BASASHI FEDERAL 1 /

2 Name of Operator

MARBOB ENERGY CORPORATION

Contact DEBBIE WILBOURN

E-Mail geology@marbob.com

9 API Well No
30-015-36675 /

3a Address

P O BOX 227
ARTESIA, NM 88211-0227

3b Phone No (include area code)

Ph 575-748-3303

10 Field and Pool, or Exploratory
COTTONWOOD DRAW; MORROV

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

Sec 5 T26S R26E SENW 1980FNL 1980FWL

11 County or Parish, and State

EDDY COUNTY, NM /

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original PD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. 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 recompleat 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 recompleat 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 SETTING DEPTH ON THE 9 5/8" CSG

FROM: 1500'
TO: 1700'

ENTERED IN
AFMSS

14 I hereby certify that the foregoing is true and correct	
Electronic Submission #68266 verified by the BLM Well Information System For MARBOB ENERGY CORPORATION, sent to the Carlsbad	
Name (Printed/Typed) DEBBIE WILBOURN	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 03/20/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>Rogin D. Hall</u>	Title <u>Petroleum Engineer</u>	Date <u>3/27/09</u>
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 <u>CFO</u>

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

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

WML

Summary of Engineer's Wellbore Evaluation**Case 2**

13 3/8 inches O.D. of Surface Casing		<u>Design Factors</u>							
Segment	Grade	#/ft	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	H 40	48 00	ST & C	22 51	5 92	1 96	298	14,304	
"B"							0	0	
Totals:							298	14,304	
<u>Compare Cement Volumes, Proposed to Minimum</u>									
Hole Size	Annular Volume	Proposed Sx Cmt	CuFt Cmt Proposed	Min Cu Ft	Excess % Cmt	Drilling Mud Wt	Calc MASP	Req'd BOPE	Min Dist Hole-Cplg
17 1/2	0.6946	350	469	243	93	8.40	509	2M	1 56
Comments for 13 3/8 " Csg									

9 5/8 << Casing inside the 13 3/8		<u>Design Factors</u>							
Segment	Grade	#/ft	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	J 55	36.00	ST & C	6.44	2.29	0 61	1,700	61,200	
"B"							0	0	
"C"							0	0	
"D"							0	0	
Totals:							1,700	61,200	
<u>Compare Cement Vol(s), Proposed to Min, with 300 ft overlap above 1st csg shoe.</u>									
Hole Size	Annular Volume	Proposed Sx Cmt	CuFt Cmt Proposed	Min S	Excess % Cmt	Drilling Mud Wt	Calc MASP	Req'd BOPE	Min Dist Hole-Cplg
12 1/4	0 3132	450	746	571	31	10.00	3029	5M	0 81
Comments for 9 5/8 " Csg Frac gradient is 2 35 - safety factor okay for burst.									

5 1/2 inside the 9 5/8		<u>Design Factors</u>							
Segment	Grade	#/ft	Coupling	Joint	Collapse	Burst	Length	Weight	
"A"	P 110	17 00	LT&C	2 09	1 29	1 84	12,500	212,500	
"B"							0	0	
"C"							0	0	
"D"							0	0	
Totals:							12,500	212,500	
<u>Compare Cement Vol(s), Proposed to Min, with 1500 ft overlap above 2nd csg shoe.</u>									
Hole Size	Annular Volume	Proposed Sx Cmt	CuFt Cmt Proposed	Min Cu Ft	Excess DVT Cmt	Drilling Mud Wt	Calc MASP	Req'd BOPE	Min Dist Hole-Cplg
8 3/4	0 2526	2050	3781	3137	Check	8.90			1 35
Comments for 5 1/2 " Csg Additional cement will be required on production casing since cement is required to circulate due to cave/karst.									