

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 19 2010
FORM APPROVEDNMCD ARTESIA
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 page 2

1	Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5	Lease Serial No NMLC028775B
2	Name of Operator Marbob Energy Corporation	6	If Indian, Allottee, or Tribe Name
3a	Address PO Box 227 Artesia, NM 88211-0227	7	If Unit or CA Agreement Name and/or No
3b	Phone No (include area code) (575) 748-3303	8	Well Name and No Barnsdall Federal #2
4	Location of Well (Footage, Sec. T, R, M, or Survey Description) 500 FNL 330 FEL, Sec. 27-T17S-R29E, Unit A	9	API Well No 30-015-29147
		10	Field and Pool, or Exploratory Area Empire; Glorieta-Yeso, East
		11	County or Parish, State Eddy County, NM

12 CHECK APPROPRIATE BOX(S) 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 checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/ Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Altering 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recompleate horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the 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 Notice 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 deepen this well as follows:

Squeeze Paddock perms @ 4060' - 4439' w/ 200 sx Class "C" cmt.

RU mudloggers & ABC drilling package and drill to 5700' with 4 3/4" bit using fresh wtr or cut brine wtr (clear fluid, no fluid loss control).

Run slimhole neutron-density and dual induction (fresh wtr) or dual induction (brine wtr) logs from 4060' to 4600'.

Run 4"/11.34 ppf/L80/Ultra FJ casing from 0 - 5700'. SF Burst > 1.125, SF Collapse = 3.85, SF Tension = 2.83. Run DV tool at appx 4500' from surface (60' below bottom Paddock perf).

Cement w/ 60 sx Class "C" with 0.5% LAP-1, 0.6% CFR-3, 0.25 pps D-Air (1.32 cfps, 14.8 ppg). Open DV tool, circulate excess cement off DV tool.

Test middle Yeso zones determined from open hole logs. Will acidize each zone w/ 2000 gal 15% HCl and frac w/ appx 200K# sand. Will pull 4" casing from DV tool to surface after completing middle Yeso zones.

14 I hereby certify that the foregoing is true and correct	
Name (Printed Typed) Diana J. Briggs	Title Production Manager
Signature <i>Diana J. Briggs</i>	Date March 24, 2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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	

Title 18 USC Section 1001 AND Title 18 USC Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

APPROVED

APR 15 2010

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE



"Diana Briggs"
<dbriggs@marbob.com>
04/15/2010 01:39 PM

To "Myles Kristof" <myles_kristof@blm.gov>
cc
bcc
Subject Barnsdall Federal #2-Attachment for Notice to Deepen

Barnsdall Federal #2
NMNM028775B
30-015-29147
500 FNL 330 FEL, Sec. 27-T17S-R29E, Unit A

Attachment to form 3160-5 Dated 3/24/10 Sundry Notice of Intent to Deepen

Marbob Energy Corporation would like to request a variance to the .422" stand off rule to run 4" between the casing and the 4 3/4" wellbore.

We also plan to run fixed blade stabilizer subs.

FYI - Myles, I have been told by our engineer that Marbob is modeling these procedures after Concho who have been doing similar projects in this area. Didn't know if this information would be helpful to you or not!

Thank you so much for your help!

Diana J. Briggs
Production Manager
Marbob Energy Corporation
PO Box 227
Artesia, NM 88211-0227
(575) 748-3303
(575) 746-2523 - fax
dbriggs@marbob.com
production@marbob.com

**Barnsdall Federal #2
30-015-29147
Marbob Energy Corporation
April 15, 2010
Conditions of Approval**

- 1. Surface disturbance beyond the existing pad must have prior approval.**
- 2. Closed loop system required.**
- 3. A minimum of a 2M BOP is required and must be tested prior to RIH.**
- 4. Subsequent sundry and completion report required.**
- 5. Variance approved for the .422" standoff rule to run 4" between the casing and the 4 3/4" wellbore.**
- 6. Fixed blade stabilizer subs to be ran every other joint.**

MAK 041510