

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

LC067144

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

BIG EDDY #41

9. API Well No.

30-015-21325

10. Field and Pool, or Exploratory Area

INDIAN FLATS (ATOKA)

11. County or Parish, State

EDDY

NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

NOV 18 2008

2. Name of Operator
BEPCO, L.P.

OCD-ARTESIA

3a. Address
P.O. BOX 2760 MIDLAND TX 79702-27603b. Phone No. (include area code)
(432)683-2277

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

1980' FSL, 1980' FEL, SEC 35, T21S, R28E

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 type="checkbox"/> Other Amend P&A
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	procedure to
	<input type="checkbox"/> Convert to Injection	<input checked="" type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	include tests

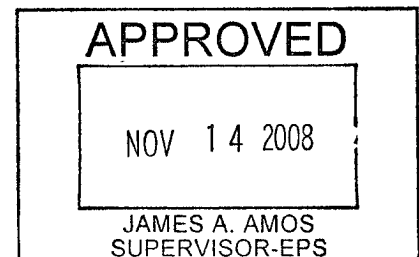
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths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

BEPCO, L. P. respectfully requests permission to amend the existing P&A procedure for this wellbore previously approved on August 31, 2008. BEPCO, L. P. desires to test the Bone Spring and the Delaware formations as we come uphole with our plugging procedure. If either formation proves to be commercially productive, BEPCO will complete and put on production. If no production is economical, BEPCO will proceed to plug the wellbore.

Please see the attached amended Plugging/Testing procedure.

ACCEPTED FOR RECORD

NOV 19 2008

Gerry Guye, Deputy Field Inspector
NMOCD-District II ARTESIA14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

ANN MOORE

Title SENIOR PRODUCTION CLERK

Signature

Date 11/06/2008

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 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.

(Instructions on page 2)

**PROCEDURE TO TEST BONE SPRING, 49R, OLD INDIAN DRAW, &
P&A IF UNSUCCESSFUL
BIG EDDY No. 41
INDIAN FALTS FIELD
EDDY COUNTY, NEW MEXICO**

November 5, 2008

Current Status: Well is currently SI awaiting this operation.

Objective: Run CBL from 2700' to 7600' to evaluate cement bond over potential productive zones. If CBL warrants a recompletion, then plug back and test the Bone Spring and Delaware formations. If a successful test is acquired on either zone, the well will be placed on production. If unsuccessful, continue to P&A well.

Procedure:

1. MIRU Plugging Equipment and PU.
2. ND wellhead, NU BOP. Test BOP to 3000 psi.
3. Release pkr and POOH w/ tbg and pkr. If packer releases as planned, proceed to Step 4. If packer does not release, **contact BLM & request approval to forego required plug @ 10,905' and to set CIBP w/ 35' cmt cap immediately above packer at 9951'. If not approved, make preparations to run stinger through packer and spot a 25 sx balanced cement plug at 11,000' (210' minimum plug height).** Cut tubing above pkr and POOH w/ tbg. If approved by BLM, set CIBP above pkr on W/L and dump bail 35' cmt on top and proceed to Step 5. If plug at 11,000' is required, run 1200' of 1" EUE tbg through packer at 9951' and hang EOT at 11,000'. Spot 25 sx balanced plug at 11,000'. Displace cement with salt gel mud. PUH above cement plug and spot 24 bbls salt gel mud to 9715'. POOH with tbg and proceed to Step 5.
4. RU W/L. PU CIBP for 5-1/2" csg and RIH to 10,905'. Set CIBP and dump bail 35' cmt on top.
5. PU perf guns and perf squeeze holes @ 9715'. TIH w/ squeeze packer and squeeze with 50 sx Class H cmt from 9715' – 9515'. WOC and tag cmt top no deeper than 9515'. POOH with tbg and pkr. PU 5-1/2" csg scraper and make scraper run to 7600. Circulate hole clean. POOH.
6. MIRU WFT logging unit. RU lubricator and test. PU and RIH with segmented CBL / GR / CCL and log from 2700' to 7600'. POOH with logging tools. (Note: Correlate CBL log depth to D. Atlas sonic log run 8/31/74). Send logs to Midland office for evaluation. Set CIBP @ +/- 7450' & test CIBP and casing to 500 psi. **Do not proceed further until authorized by Midland engineering.**

7. RIH w/ tbg to 7450'. Circ clean w/ produced water containing scale inhibitor. PU to 7182'. Pickle tbg and lower section of csg by pumping 250 gals 7.5% HCl down tbg and flush with 40 bbls produced water. Pump down csg/tbg annulus to reverse out pickling acid with 50 bbls produced wtr. Pump down tbg and balance spot 500 gal 7.5% HCl perforating acid. POOH w/tbg.
8. RU W/L and TIH w/CCL and slick casing funs and perf Bone Spring using 22.7 gm premium charges @ 7160' – 7182' w/ 2 spf, 90 degree phasing, for a total of 46 holes. (Note: Correlate perf depth to D. Atlas sonic log run 8/31/74).
9. PU & RIH w/ 2 jts of tailpipe, retrievable pkr on tbg to +/- 7050' with EOTP. Reverse +/- 7 bbls down tbg-csg annulus and set packer. RU acid trucks and pump 12 bbls flush water down tbg to displace perforating acid into perfs. Open packer bypass and spot acid to packer pumping down tbg. Close packer bypass and acidize perfs at +/- 5 BPM w/ 3500 gals 15% NEFE HCl. Pump acid in seven 500-gal stages dropping 9-1.2 sp. gr. ball sealers after each of the first six stages. If ballout occurs, surge balls and displace remainder of acid.
10. Swab back load to evaluate Bone Spring. If successful proceed to put well on production. If unsuccessful proceed to next step. **NOTE: If Mayo Marrs is in field, use them for plugging operations Step 11 through 15 if feasible.**
11. Release pkr and POOH.
12. RU E/L. Set CIBP @ 7100' and dump bail 35' cmt on top of CIBP.
13. TIH w/tbg to top of cmt plug and spot salt gel mud up to 6300'.
14. PU perf guns and perf squeeze holes @ 6300'. Squeeze w/ 50 sx Class C cement from 6300' – 6140'. WOC, Tag. Spot salt gel mud up to 4220'.
15. PU perf guns and perf squeeze holes @ 4220'. Squeeze w/ 50 sx Class C cement from 4220' – 4080'. WOC, Tag.
16. Displace well with produced water. POOH w/ tbg.
17. RU W/L and TIH w/CCL and slick casing funs and perf OID using 22.7 gm premium charges @ 3572-78' w/ 2 spf, 0 degree phasing, for a total of 14 holes. (Note: Correlate perf depth to D. Atlas sonic log run 8/31/74).
18. RIH w/ treating pkr to +/- 3543'. Set pkr and swb test OID zone 3572-78' and report results to Midland office. If positive oil and gas show is encountered, RU acid trucks and acidize 49'R @ +/- 5 BPM with 1500 gals of 7.5% HCl.
19. Swab back load to evaluate OID zone and report results to Midland office.
20. POOH. RU W/L and TIH w/CCL and slick casing funs and perf 49'R zone using 22.7 gm premium charges @ 3727-34' w/ 2 spf, 0 degree phasing, for a total of 16 holes. (Note: Correlate perf depth to D. Atlas sonic log run 8/31/74).

Big Eddy No 41

Procedure to Test Bone Spring, 49R, Old Indian Draw, and P&A

21. RIH w/ treating pkr to +/- 3625'. Set pkr and swb test 49'R zone 3727-34' and report results to Midland office. If positive oil and gas show is encountered, RU acid trucks and acidize 49'R @ +/- 5 BPM with 1500 gals of 7.5% HCl.
22. Swab back load to evaluate 49'R zone and report results to Midland office.
23. If successful proceed to put well on production. If unsuccessful proceed to next step.
24. RU E/L. Set CIBP @ 3475' and dump bail 35' of cement on top. TIH w/ tbg open-ended to top of cmt cap at +/- 3440'. Lay down all excess tbg. RDPU and turn well over to Mayo Marrs to complete plugging operations.
25. Spot salt gel mud to 2845'.
26. PU perf guns and perf squeeze holes @ 2845'. Squeeze w/ 25 sx Class C cement from 2845' – 2725'. WOC, Tag. Spot salt gel mud to 2385'.
27. PU perf guns and perf squeeze holes @ 2385'. Squeeze w/ 25 sx Class C cement from 2385' – 2265'. WOC, Tag. Spot salt gel mud to 490'.
28. PU perf guns and perf squeeze holes @ 490'. Squeeze w/ 45 sx Class C cement from 490' – 210'. WOC, Tag.
29. PU perf guns and perf squeeze holes @ 100'. Squeeze w/ 25 sx Class C cement from 100' – 0'. WOC, Tag.
30. Set P&A marker and remediate location.
31. Use steel tank and haul all fluids.

Submitted By: SSM/TEG

Approved By: _____

Date: _____