Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

5. Lease Serial No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

| | | | | | | | | | | / | ' | NIVISEU/603 |) I | | |
|---|---------------------------------------|-----------------|--------------------|--------------------|----------------|--|------------------------|----------------------|--------------------------------------|----------------|--|---|-------------------|---------------|--|
| la. Type of | Well | Oil Well | ⊠ Gas V | | | Other | | | | | 6. I | f Indian, Allo | ottee or Tribe | Name | |
| b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr. Other | | | | | | | | 7. (| 7. Unit or CA Agreement Name and No. | | | | | | |
| 2. Name of Operator Contact: CHERRY HLAVA BP AMERICA PRODUCTION CO E-Mail: HlavaCL@bp.cem. | | | | | | | | | | | 8. Lease Name and Well No. MUDGE LS 24N | | | | |
| 3. Address 200 ENERGY CT Sa. Phone No. (include area code) FARMINGTON, NM 87402 Ph. 281,866,4081 | | | | | | | | | | | 9. 7 | 9. API Well No. 30-045-32323-00-C2 | | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* | | | | | | | | | | | 2 | 10. Field and Pool, or Exploratory BLANCO MV / BASIN DAKOTA | | | |
| At surface SWNE 2180FNL 1835FEL 36.56600 N Lat, 107.59500 W lon; O 2004 11. Sec., T., R., M., or Block and S or Area Sec 33 T32N R11W | | | | | | | | | | | | | | | |
| At top prod interval reported below At total depth | | | | | | | | | | | County or Pa | arish 13 | 3. State NM | | |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | V | Elevations (| | | | | |
| 08/25/2 | | | | /16/2004 | | 16. Date Completed Dig A Ready to Prod 10/15/2004 | | | | Prod. | 6124 GL | | | | |
| 18. Total D | epth: | MD TVD | 7585 | 7585 19. Plug Bac | | | k T.D.: MD 7519 TVD | | | 20. 1 | Depth Bridge Plug Set: MD TVD | | | | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL TDT GR 22. Was well cored? Was DST run? Directional Survey? No Yes (Submit and Directional Survey) Yes (Submit and Directional Survey) | | | | | | | | | | | | | | | |
| 23. Casing an | d Liner Reco | ord (Repo | rt all strings | set in well) | **** | | | | | | | | - | | |
| Hole Size | ole Size Size/Grade | | Wt. (#/ft.) | Top (MD) | Bottom (MD) | 1 - | Cementer Depth | ı | No. of Sks. & Type of Cement | | rry Vol. BBL) | Cement 7 | Гор* А | mount Pulled | |
| 13.500 | 9.6 | 25 H-40 | 32.0 | | 1. | 46 | | | | 38 | | | 0 | | |
| 8.750 | 8.750 7.000 J-55 | | 20.0 | | 31: | 20 | | | | 389 | | 0 | | | |
| 6.250 | 4.5 | 500 J-55 | 11.6 | | 7519 | | | 3 | | 59 | | 2720 | | | |
| | | | | | | | | | | | | | | | |
| - | | | | | | _ | | ļ | | | | <u> </u> | | | |
| 24. Tubing | Record | | | | | | | J | - | | | | | | |
| Size | Depth Set (M | | acker Depth | (MD) S | ize De | pth Set (| MD) F | acker Depth (MD) | | Siz | ze I | Depth Set (MI | D) Pack | er Depth (MD) | |
| 2.375 25. Producii | | 7361 | | I | | 6 Perfo | ration Rec | ord | | | ł | * | | | |
| | ormation | | Top | ПВ | ottom | | | | | Siz | ٦ ـ | No. Holes | Der | f. Status | |
| A) | MESAVE | RDE | | 4981 | 5296 | Perforated Interval | | | O 5298 | | | 60 | T CIT. Status | | |
| B) | WILOTTE | | w | 7301 | 0230 | | | 4901 10 3290 | | | 0.000 | | | | |
| C) | | | | | | | | • | | | | | | | |
| D) | | | | | | | | | | | | | | | |
| | acture, Treat | ment, Cer | nent Squeeze | e, Etc. | | | | | | | | | | | |
| | Depth Interv | | | | | | | mount and | | | | | | | |
| | 49 | 81 TO 52 | 298 12 BBLS | 3 15% HCL, | 229 BBLS 7 | OQ FOAN | / PAD, 74, | 000# 16/30 | BRADY | SND, 22 | 2,000# 16 | 3/30 BRADY S | ND W/330# | ADDE | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 28. Product | ion - Interval | Α | 1 | | | | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | | ravity | Gas | | Produ | ction Method | | | |
| 10/21/2004 | 10/13/2004 | 12 | | 1.0 | 517.0 | 1.0 | 1 | API Gra | | ivity | | FLOWS FROM WELL | | | |
| Choke Size | | | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas: C Ratio | il Well S | | Status | | | | | |
| 3/4 SI | | 120.0 | | | 1034 | 2 | l l | | F | | PGW | | | | |
| | tion - Interva | al B | | | | | | | | | | | | | |
| Date First Produced | | | Test Production | Oil Gas BBL MCF | | Water BBL | | l Gravity эт. API | | Gas Gravity | | ction Method | | | |
| Choke Size | Tbg. Press Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:C Ratio | | Wel | l Status | ACCF | PTED FO | R RFCNI | R (): | |
| <u> </u> | SI | | | | <u></u> | | | | | | | | u a com 427 427 1 | | |

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #50590 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

MOCD FARMINGTON PIELD OFFICE

| 28h Produ | uction - Interv | al C | | | | | | | | - | | |
|-----------------------------------|----------------------------|-----------------|--------------------|--------------------|-------------------------------|----------------------------|--|--------------|----------------------------|---|------------|--|
| Date First | Test | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas | | Production Method | | |
| Produced | Date | Tested | Production | BBL MCF | | BBL | Corr. API | Gravi | ty | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas: Oil Ratio | Well | Status | | | |
| 28c. Produ | uction - Interv | al D | | | 1 | <u> </u> | | - | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil Gas BBL MCF | | Water BBL | Oil Gravity Corr. API | Gas Gravi | ity | Production Method | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well | Status | <u> </u> | | |
| 29. Dispos | sition of Gas(S URED | Sold, used f | or fuel, veni | ed, etc.) | l | <u> </u> | 1 | | | | | |
| | nary of Porous | Zones (Inc | lude Aquife | rs): | | | | | 1 31. For | mation (Log) Markers | | |
| Show tests, i | all important | zones of po | rosity and c | ontents there | eof: Cored in e tool open, | ntervals and a flowing and | all drill-stem shut-in pressures | S | | | | |
| Formation | | | Тор | Bottom | | Description | ns, Contents, etc. | | | Name | | Top Meas. Depth |
| OJO ALAN NACIMIEN KIRTLANI | NTO | (include pli | 0 1064 | 1064 | This is ear | ne for Dake | ota completion r | enort | ME PO MA GR GR | FF HOUSE NEFEE INT LOOKOUT NCOS EENHORN ANEROS KOTA | | 4339 4735 5086 5450 7154 7212 7269 |
| subm | itted earlier. | | i reacheu s | 710/2004. | 11115 15 541 | ne ioi bakc | na completion i | ероп | | | | |
| | 1543AZ DK | | | | | | | | | | | |
| Pleas | e see attach | ed subseq | uent repor | t. | | | | | | | | |
| 33. Circle | enclosed atta | chments: | | | | | | | · · · · · · | | J. 78 | - |
| 1. Ele | ectrical/Mecha | nical Logs | (1 full set re | q'd.) | : | 2. Geologic | Report | 3. | DST Re | port 4. | Direction | al Survey |
| 5. Sui | ndry Notice fo | r plugging | and cement | verification | (| 6. Core Ana | lysis | 7 | Other: | | | |
| 34. I herel | by certify that | the foregoi | | | | | | | | e records (see attached | instructio | ons): |
| | | Con | | For BP A | MERICA P | RODUCTI | by the BLM We ON CO, sent to NNE BRUMLEY | the Farn | nington | | | |
| Name (please print) CHERRY HLAVA | | | | | | | | GULAT | ORY AN | ALYST | | |
| Signature (Electronic Submission) | | | | | | Date <u>11</u> | /01/2004 | 4 | | | | |
| T'. 10 Y | C Ception | 1001 17 | *** 40 TT 0 | | 010 | | | | | | <u> </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 fradulent statements or representations as to any matter within its jurisdiction.