Form 3160-4

UNITED STATES

FORM APPROVED

| (August 1999) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT | | | | | | | | | OMB No. 1004-0137 Expires: November 30, 2000 | | | | | | |
|--|------------------------|--------------------------|--------------------|--------------------|----------------|------------------|---------------------|-----------------------|---|--------------------------------------|--------------|---|--------------------|--|--|
| | WELL C | OMPL | ETION O | R RECO | MPLE | TION RI | EPORT | AND LO | OG | • | | ase Serial N MSF07838 | | | |
| la. Type of | Well _ | Oil Well | ⊠ Gas V | Vell | Dry | Other | | | | | 6. If | Indian, Allo | ttee or | Tribe Name | |
| b. Type of | f Completion | _ | ew Well r | □ Work O | ver [| Deepen | □ Plug | g Back | □ Diff. R | esvr. | 7. Ui | nit or CA Ag | greeme | ent Name and I | No. |
| 2. Name of BP AM | Operator ERICA PRO | DUCTIO | N CO | | Contac | | nlavacl@l | bp.com | | 177082 | , F | ase Name a LETCHER | | ell No. | |
| 3. Address | 200 ENER FARMING | | л 87402 | | | | Phone N : 281.36 | o. (include 6.4081 | area code) | n was | 43 | 1 | | 5-31937-00-0 | 21 |
| 4. Location | of Well (Rep Sec 29 | T31N R | 8W Mer NM | d in accorda IP | ince with | Federal rec | juirements | 5)* | A 80 | 1000 | . 10. J B | ield and Po | ol, or I V / BA | Exploratory SIN DAKOTA Block and Sur 31N R8W Me | A |
| At surfa | | | . 660FEL | | | | | 10. | St. | ^Q 200 | <u>a1. S</u> | Sec., T., R., | M., or | Block and Sur 31N R8W Me | vey |
| At top p | orod interval r | eported be | elow | | | | | (O) | | | 12. | Junity of I c | rish | 13. State | |
| At total | • | | 115 Do | to T.D. Pao | ahad | | I 16 Dat | Complete | a Constant | # M | | ANJUAN | TE VI | NM P PT CL* | |
| 14. Date Spudded 15. Date T.D. Reached 06/07/2004 15. Date T.D. Reached 07/03/2004 □ D & A Ready to Prod. 08/05/2004 | | | | | | | | | | 1 | | levations (I 7 651 | 5 GL | 3, K1, GL)* | |
| 18. Total D | Depth: | MD TVD | 8020 | 19. | Plug Ba | ick T.D.: | MD TVD | 802 | 20 | -20Dep | th Bri | dge Plug Se | | MD TVD | |
| 21. Type E CBL G | lectric & Oth R | er Mechai | nical Logs Ru | un (Submit | copy of e | ach) | | | 22. Was was I Direc | well cored DST run? tional Sur | | No i | ₹ Yes | (Submit analy (Submit analy (Submit analy | /sis) |
| 23. Casing at | nd Liner Reco | ord (Repo | rt all strings | set in well) | | | | | | | | <u></u> | | | |
| Hole Size | Hole Size Size/Grade | | Wt. (#/ft.) | Top (MD) | 1 1 7 | | Cementer Depth | Type of Ceme | | Slurry Vol. (BBL) | | Cement Top* | | Amount Pu | illed |
| 13.500 9.625 H-40 | | | 32.0 20.0 | | 230 | | | 128 | | | | | 0 | | |
| 8.750 6.250 | | 7.000 J-55 4.500 J-55 | | | 3543 8019 | | | 6 | | | | 500 2870 | | *** | _ |
| 0.230 | 7 7.0 | ,00 0-00 | 12.0 | | ` | 5013 | | | 469 | | | | 2010 | | |
| | | | | | | | | <u> </u> | , | | | | | | |
| 74 Tubin a | Dagard | | | | | | | <u></u> | | | | | | | |
| 24. Tubing | Depth Set (N | (D) P | acker Depth | (MD) I s | lize | Depth Set (| MD) Ti | Packer Dep | th (MD) | Size | I De | pth Set (MI | <u>)) </u> | Packer Depth | (MD) |
| 2.375 | <u> </u> | 7984 | | (2) | | 2 op 2 or (| | | vii (1/12) | | - | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | -/ | - wenter 25 op in 1 | (1.12) |
| 25. Produci | ng Intervals | | | | | | ration Rec | | | | | | | | |
| | ormation | (OTA) - | Тор | | ottom | | Perforated | | 7005 | Size | - | No. Holes | | Perf. Status | |
| A) B) | DAN | OTA _ | | 7827 | 7985 | <u> </u> | | 7827 TO | 7 7985 | 3.13 | 30 | 60 | | | |
| <u>C)</u> | | | | | | | | | | | + | | | | |
| D) | | | | | | | | | | | | | | | |
| | racture, Treat | | nent Squeeze | e, Etc. | | | | . 1 | T (1) | | | | | | |
| | Depth Interva | 11 27 TO 79 | 985 500 GAL | S 15% HCL | ACID: FI | RAC SCREE | | mount and | 71 | | ION | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 28. Product | tion - Interval | A | | • | | | | | | | | | | | <u>. </u> |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil G Corr. | Fravity | Gas | . 7 | Product | ion Method | | | |
| 08/06/2004 | 07/20/2004 | 12 | | 1.0 | 650.0 | | ı | | Gravity | Juny | | FLOWS FROM WELL | | | |
| Choke Tbg. Press. Csg. Size Flwg. Press. | | 24 Hr. Oil Rate BBL | | Gas MCF | Water BBL | Gas:Oil Ratio | | Well S | Well Status | | | | | | |
| 3/4 | SI | 74.0 | | 2 | 1300 | | | | F | PGW | | | | | |
| | ction - Interva | | Treet | loa - | lc. | 1 | Lone | | 10 | | D | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil G Cort. | Gravity API | Gas Gravity | , , | ACI | CEPTED | FOR | RECORD | |
| Choke Size | Tbg. Press. Flwg. | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:0 Ratio | | Well S | tatus | | AUG 1 | 7 7 | 2004 | |

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #34645 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED **

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| 28b. Prod | uction - Inter | val C | | | | | | | | | | | |
|------------------------|--|-------------------------|--------------------|---------------------------|----------------------|---|--------------------------|--|---|----------------|--|--|--|
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | | Oil Gravity Corr. API | Gas Gravity | Production Method | | | | |
| | | _ | | | | | | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | | Gas:Oil Ratio | Well Status | | | | | |
| 28c. Prod | uction - Inter | val D | | <u> </u> | <u> </u> | | | <u></u> | y 47 - 11 , 1 - 111 | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | | Dil Gravity Corr. API | Gas Gravity | Production Method | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | | Gas:Oil Ratio | Well Status | | | | | |
| | sition of Gas | (Sold, used | for fuel, ven | ted, etc.) | 1 | | | | - | _ | | | |
| 30. Sumn | | s Zones (It | nclude Aquife | ers): | | | | 1 31. F | ormation (Log) Mar | kers | | | |
| tests, | | | | | | d intervals and all en, flowing and sh | | es | | | | | |
| | Formation | | Тор | Bottom | | Descriptions, | Contents, etc | ÷. | Name Top Meas. De | | | | |
| BP A We a | ional remark merica rece ire permitter is currently | eived pern d to down | hole commi | Il above m ngle well p | entioned er DHC-1 | well on 2/24/04. 1434AZ tached subseque | ent completi | L C | PICTURED CLIFFS EWIS SHALE CLIFF HOUSE MENEFEE POINT LOOKOUT MANCOS GREENHORN GRANEROS DAKOTA | 5 | 3394 3622 4963 5317 5648 6022 7683 7743 7822 | | |
| · | | | | | | | | | | | • | | |
| | enclosed at | | re (1 full cat - | ea'd) | | 2. Geologic Re | enort | 3. DST | Penort | 4. Directio | nol Summer | | |
| | | | | | | 6. Core Analys | • | 7 Other: | • | 4. Directio | nai Survey | | |
| 34. I here | by certify the | at the foreg | oing and atta | ched inform | ation is co | omplete and corre | ct as determin | ned from all availa | ble records (see atta | ched instructi | ons): | | |
| | | C | | For BP A | MERICA | A PRODUCTION | VCO, sent 1 | Vell Information (o the Farmington EY on 08/17/2004 | System. 1 (04AXB3193SE) | | | | |
| Name | :(please prin | | | | p. 20031 | | | | EPRESENTATIVE | | | | |
| Signa | Signature (Electronic Submission) | | | | | | Date (| Date 08/16/2004 | | | | | |
| | | | | | | | | | | | | | |

Fletcher 2M NEW DRILLING DK & MV COMPLETION SUBSEQUENT REPORT 08/16/2004

7/6/04 RU & RUN TDT & CBL LOG WHILE HOLDING 1000# ON CSG. PRESS TST CSG TO 4500# HELD OK. TOC @535'

7/9/04 TIH w/3,125" GUN & PERF DAKOTA 7827 - 7985 @3 JSPF.

7/12/04 RU & FRAC DK DN 4.5" CSG w/SLICKWTR & CARBOLITE SND - PMP START w/500 gals OF 15% HCL ACID: FRAC SCREENED OUT 38.395# of SND ON FORMATION.

7/16/04 REMOVE FRAC VALVE NU BOP; LAY 3" LINES TO PIT. TIH w/MILL TO 3760' w/3 JTS IN WELL, WELL WENT TO DISPLACING WTR. RU AIR PKAGE; UNLOAD WELL.

7/19/04 C/O TO 8015'. PUT WLL ON 3" CK

.

7/20/04 FLW ON \$" CK; PRESS 84# MAKING 1434 MCFD FLAREING w/LIGHT SND & WTR. DK 12 hr. Test 650 MCF. \$" CK 74# PRESSURE. TIH C/O to 8015". TOH

7/21/04 SI PRESS 2050# BLW DN WELL. TOOK GAS SAMPLE; B&R PULLED PRESS BOMBS RD B&R RU & SET CIBP @6050'. TIH w/3.125" GUN & PERF MESAVERDE 5514' - 5949' w/3 JSPF TOTAL 60 SHOTS.

7/23/04 RU & FRAC MV w/90,530# PROPPANT; RU FLW BACK LINES & # CK; BEGIN & END PRESS 350#. RETURNS N2: SOME SND.

7/24/04 FLW WELL ON ¾" CK 1840 MCFD; FLARING GAS SLUGGING WTR.

7/26/04 FLW ON 3" CK. AVG PRESS 46#

7/27/04 PRESS 40# 797 MCFD. FLAREING. KILL WELL; TIH w/MILL TAG UP @5918'. C/O TO 5980'. FLW ON ¾" CK. PRESS 25# 579 MCFD FLARE.

7/28/04 AVG 17# PRESS; 463 MCFD. TIH C/O TO 5977.

7/29/04 TIH w/TBG; TAG FILL @6022'. FLW ON ¾" CK TO PIT. GOOD FLARE

7/30/04 C/O TO TOP OF BP @6050'. FLW TO PIT.

8/2/04 C/O w/1400 CFM AIR PMP 6 bbl SWEEPS EVERY HR. FLW TO PIT ON $\frac{3}{4}$ " CK. 12 TST 135 MCF; 15# CSG PRESSURE.

8/3/04 TIH & DRILL OUT BP @6050'. WK FREE TIGHT SPOT @7913'.

8/5/04 C/O TO PBTD @8022'. TIH w/2 3/8" TBG & LAND @7984'. RU SLICK LINE, PULL X-PLUG. PMP OUT EXPENDABLE CHECK; CIRC HOLE DRY w/700 CFM AIR. RD SERVICE UNIT. BLW TBG & CSG DN TO PIT. SHUT DN MO LOCATION.