

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**COPY**  
FORM APPROVED  
Budget Bureau No. 4004-0135  
Expires: March 31, 1993

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| SUBMIT IN TRIPLICATE  |   |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
|---|---|--|---|--------------------------------------|--|---|---------------------------------------|---|---|--|---|--|--|---|--|--|--|--|---|--|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.<br>Use "APPLICATION FOR PERMIT-" for such proposals.  |   |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| 1. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>  | 5. LEASE DESIGNATION AND SERIAL NO.<br>SF 078097          |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| 2. NAME OF OPERATOR<br>CONOCO INC.  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME                      |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| 3. ADDRESS AND TELEPHONE NO.<br>10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424  | 7. IF UNIT OR CA, AGREEMENT DESIGNATION<br>HEATON LS      |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| 4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description)<br>840' FNL & 1630 FEL, UNIT LETTER "B-2", SEC. 33, T31N, R11W   | 8. WELL NAME AND NO.<br>#6                                |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| 12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  | 9. API WELL NO.<br>30-045-10175                           |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| <table border="1"><thead><tr><th>TYPE OF SUBMISSION</th><th>TYPE OF ACTION</th></tr></thead><tbody><tr><td><input type="checkbox"/> Notice of Intent</td><td><input type="checkbox"/> Abandonment</td><td><input type="checkbox"/> Change of Plans</td></tr><tr><td><input checked="" type="checkbox"/> Subsequent Report</td><td><input type="checkbox"/> Recompletion</td><td><input type="checkbox"/> New Construction</td></tr><tr><td><input type="checkbox"/> Final Abandonment Notice</td><td><input type="checkbox"/> Plugging Back</td><td><input type="checkbox"/> Non-Routine Fracturing</td></tr><tr><td></td><td><input type="checkbox"/> Casing Repair</td><td><input type="checkbox"/> Water Shut-Off</td></tr><tr><td></td><td><input type="checkbox"/> Altering Casing</td><td><input type="checkbox"/> Conversion to Injection</td></tr><tr><td></td><td><input checked="" type="checkbox"/> Other: <u>Add Pay</u></td><td><input type="checkbox"/> Dispose Water</td></tr></tbody></table> | TYPE OF SUBMISSION  | TYPE OF ACTION                                   | <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans | <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction | <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |  | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut-Off |  | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |  | <input checked="" type="checkbox"/> Other: <u>Add Pay</u> | <input type="checkbox"/> Dispose Water | 10. FIELD AND POOL, OR EXPLORATORY AREA<br>AZTEC PIC. CLIFFS/BLANCO MV |
| TYPE OF SUBMISSION  | TYPE OF ACTION  |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| <input type="checkbox"/> Notice of Intent   | <input type="checkbox"/> Abandonment                      | <input type="checkbox"/> Change of Plans         |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| <input checked="" type="checkbox"/> Subsequent Report   | <input type="checkbox"/> Recompletion                     | <input type="checkbox"/> New Construction        |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| <input type="checkbox"/> Final Abandonment Notice   | <input type="checkbox"/> Plugging Back                    | <input type="checkbox"/> Non-Routine Fracturing  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
|   | <input type="checkbox"/> Casing Repair                    | <input type="checkbox"/> Water Shut-Off          |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
|   | <input type="checkbox"/> Altering Casing                  | <input type="checkbox"/> Conversion to Injection |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
|   | <input checked="" type="checkbox"/> Other: <u>Add Pay</u> | <input type="checkbox"/> Dispose Water           |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| 11. COUNTY OR PARISH, STATE<br>SAN JUAN COUNTY, NM  |   |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)<br><br>SEE ATTACHED SUMMARY  |   |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| 14. I hereby certify that the foregoing is true and correct<br><br>SIGNED <u>Sylvia Johnson</u> TITLE <u>SYLVIA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>03/10/98</u><br>(This space for Federal or State office use)  |   |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| APPROVED BY _____ TITLE _____ DATE <u>MAR 11 1998</u><br>Conditions of approval, if any: _____  |   |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| FARMINGTON DISTRICT OFFICE  |   |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |
| Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department, agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.  |   |  |   |                                      |  |   |                                       |   |   |  |   |  |  |   |  |  |  |  |   |  |  |

CONOCO INC.  
**HEATON LS 6**  
API # 30-045-10175  
SEC 33 T31N - R11W UNIT LETTER "B-2"  
840' FNL - 1630' FEL

02/02/98 MIRU. SICP/TP: 200 psi. Blow well down to flare pit. Pump 10 bbls. 1% KCl water down tbg to kill well, ND BO w/Blewey Tee. RU Blewey Line. Pump 5 bbls. 1% KCl water down tbg, unseat tbg hanger pkr @ 2501' work 2-3/8" tbg POOH w/tbg hanger, 77jts 2-3/8", 4.7 PPF, J-55, 8RD EUE tbg & 1' section of tbg parted 1' below collar. LD last 5 jts.

02/03/98 Pump 40 bbls. 1% KCl water to kill well. PU & RIH. Float, XO, 6 ea. 3-1/2" DC's & XO on 2-3/8" tbg. Tag top of tbg @ 2430', tbg for 2430' to 2431.5', circ. well clean, pump 5 bbls, 1% KCl water down tbg, POOH & LD XO, PU & RIH on 2-3/8" tbg. engage 2-3/8" tbg stick-up @ 2431.5'. RIH Top of pkr @ 2498' & bottom @ 2501' tbg 70% free @ 2492' & 100% free @ 2450'. POOH RIH to 2494'-2503'. PU w/50K, pump 10 bbls. 1% KCl water & shoot string-shot. POOH RIH w/tbg chemical cutter, pump 10 bbls. 1% KCl water down tbg & cut tbg stick-up @ 2492'. POOH recovered tbg jt & cut tbg jt. LD recovered tbg RIH on 2-3/8" tbg. Tag fill 1' above pkr. CO fill to pkr & burn 1.25' over pkr. Circ. well clean & pump 5 bbls. soapy 1% KCl water sweep. POOH to 2309'.

02/04/98 RIH & tag pkr @ 2498' POOH & LD XO, 5-3/4" WP ext. & 5-3/4" burning shoe. RIH w/5-3/4" OS/2 3/8" tbg. Engag tbg stick-up @ 2492 POOH free-floating seal assy, 72 jts. 2-3/8" tbg. 3'x2-3/8" perf sub & 1 jt split 2-3/8" tbg, 3' perf sub & orang peeled anchor. RIH pkr plucker & 2-3/8" tbg pkr @ 2498' POOH.

02/05/98 RIH XO, 1 stand 2-3/8" tbg, String Float & 2-3/8" tbg to 4432', tagged up. POOH PU & RIH, XO, 1 stand 2-3/8" tbg, string float & 2-3/8" tbg. tagged up, cont. RIH w/2-3/8" tbg. tagged up @ 4735', 65' of fill, 55% of MV perfs covered. CO to PBD of 4800' 5 bbls soapy 1% KCl water. Circ. wellbore clean & 2 ea. 5 bbls. soapy 1% KCl water sweeps. POOH MU & RIH, attempt to set RBP @ 4675', no go. Set RBP @ different depths, no go. POOH below TOL & attempt to set RBP, no go. POO

02/06/98 PU & RIH pkr on 2-3/8" tbg to 4675'. Set RBP POOH & set pkr @ 4645'. Load tbg w/1% KCl water & press test RBP w/500 psi for 5 min, OK. Release pkr & load csg/line w/60 bbls, 1% KCl water. Dump 15" sand down tbg on top of RBP. Pump 2 bbls, 1% KCl water down tbg, POOH to 4450' & set pkr. Load tbg w/1% KCl water & press test 5-1/2" line w/500 psi for 5 min, OK. Release pkr, POOH, PU & RIH pkr on 2-3/8" tbg to 3480' & set pkr. Load tbg w/1% KCl water & press test 7" csg/TOL w/ 500 psi for 5 min, OK. Release pkr, POOH, RIH & CBLVDL/GR/CCL log from 4649' to 4000'. POOH. RIH w/3-1/8" select-fire perf gun & perf @ 4644-42-19-17-15-13-4589-87-85-83-78-76-71-69-60-58-56-54, w/1 JSPF Total perfs: 18. POOH, RIH w/3-1/8" select-fire perf gun & perf @ 4510-08-06-04-4472-70-68-66, w/2 JPF Total perfs: 16. POOH, PU & RIH, set pkr @ 4450'

02/07/98 Press test lines to 4000 psi, OK. Pump 14 bbls, 1% KCl water @ 3 BPM/2500 psi. ISIP: 1200 psi. Pump 2 bbl 15% HCl & displace w/18 bbls, 1% KCl water @ 4 BPM/2500 psi. ISIP 1200 psi. Pump 10 bbls, 15% HCl, releasing 68 frac ball in 4 groups of 17. Balled off, surge balls off & resume. ISIP: 1200 psi, 5 min: 800 psi. Open pkr unloader, well died. Release 5 1/2" pkr, run thru perfs, POOH & LD pkr. Tally, PU & RIH, Frac Liner pkr assy, tally PU & RIH w/3-1/2" tbg. Set 7" pkr @ 4409' w/ 1/2" cups @ 4440'. Press test lines to 5000 psi, OK. Frac Menefee as follows: Pump 135 bbls, 1% KCl slick water @ 25 BPM/2800 psi. Pump 346 bbls, 1% KCl slick water w/0.5 PPG 20/40 sand @ 32 BPM/3750 psi, Pump 630 bbls, 1% KCl slick water w/1.0 PPG sand @ 32 BPM/4400 psi, cut sand & pump 129 bbls, 1% KCl slick water @ 25 BPM/4100 psi, no improvement pump 190 bbls, 1% KCl slick water w/1.0 PPG 20/40 sand @ 25 BPM 4300 psi. Displace w/40 bbls 1% KCl slick water @ 25-0 BPM/4300 psi - 1400 psi. ISIP: 1400 psi, 5 min: 1100 psi, 10 min: 1050 psi & 15 min: 1000 psi, avg.: 34 BPM/ 4000 psi.

02/09/98 Blow well down, tbg went on vacuum. ND frac valve, rel 7" pkr, RIH & POOH sideways. Change out pipe rams to 2-3/8", RIH w/NC, SN, 1 stand 2-3/8" tbg to 4434'. Drop thru TOL w/rotation, tag up on fill @ 4479', CO to 4670' w/drill gas & bbls soapy 1% KCl H2O sweeps, circ well clean, POOH to 2350'.

02/10/98 Cont. POOH w/2-3/8" tbg, 2 jts 2-3/8" tbg, SN, 1jt 2-3/8" tbg. Set pkr @ 4452', SICP: 280 psi/SITP: 0 psi, turn tbg to open N valve, turn tbg & work turns to N valve to open same. No Improvement, RIH, POOH, Open pkr unloader & monito for increase in tbg blow to verify N valve as open, no increase. RU & press up on tbg w/drill gas to 750 psi, no increase. Blow down csg press, no decrease. Either N valve or unloader not opened. Unseat pkr, no decrease, indicating N valve not opened. POOH. Found N valve in closed position. Run back in hole, 3 jts 2-3/8" tbg. Set pkr @ 4450', 16' below TOL & 16' above perfs.

02/13/98 Stabilized 11 hr flow test from perfs @ 4466' to 4644: 250 MCFGPD, 0 BOPD & 1 BWPD @ 40 psi FTP from under pkr @ 4450' thru 2" tbg, 1/2" choke & 2" flow line to atmosphere, witnessed by Wesley Herrera & Efran Molina-Big A. Pkr 4450', POOH & LD 5-1/2" pkr. RIH tbg to 4645', CO to RBP @ 4675', circ clean. POOH & LD, RIH 2-3/8", 4.7 ppf, J-55, 8RD EU tbg. EOT: 4705' KB, SN @ 4704' KB. ND BOP & BT, NU, RDMO.