

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

RECEIVED
BLM

MAR 12 AM 8:31
FARMINGTON, NM

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.		5. LEASE DESIGNATION AND SERIAL NO. SF 078097
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUBMIT IN TRIPLICATE		7. IF UNIT OR CA, AGREEMENT DESIGNATION HEATON LS
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	8. WELL NAME AND NO. #6A	
2. NAME OF OPERATOR CONOCO INC.	9. API WELL NO. 30-045-24073	
3. ADDRESS AND TELEPHONE NO. 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424	10. FIELD AND POOL, OR EXPLORATORY AREA BLANCO MESA VERDE	
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 790' FNL & 845' FWL, UNIT LETTER 'D', SEC. 33, T31N, R11W	11. COUNTY OR PARISH, STATE SAN JUAN COUNTY, NM	
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice		<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other: <u>Add Pay</u> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)</small>
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.) SEE ATTACHED SUMMARY		
14. I hereby certify that the foregoing is true and correct SIGNED <u>Sylvia Johnson</u> TITLE <u>SYLVIA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>03/11/98</u> (This space for Federal or State office use) APPROVED BY _____ TITLE _____ Conditions of approval, if any: ACCEPTED FOR F		
Title 18 U.S.C. Section 1001, makes 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. MAR 17 1998 FARMINGTON DISTRICT OFFICE		

CONOCO INC.
HEATON LS 6A
API # 30-045-24073
SEC 33 T31N - R11W UNIT LETTER "D"
790' FNL - 845' FWL

02/16/98 MIRU. Blow down well, pump 5 bbls 1% KCl water down tbg, NU BOP & Blewey tee. Unseat tbg hanger & LD same. POOH & tally 165 jts. 2-3/8", 4.7 ppf, J-55, 8rd EUE tbg & SN c/w plunger bumper spring assy. RIH, 2-3/8" tbg to 2662' (TOL) POOH, RIH, string float & 2-3/8" tbg. Tag fill @ 5098', POOH to 4518'.

02/17/98 RIH & CO from 5098' to 5108', circ clean, POOH, RIH, RBP, S/R tool & pkr on 2-3/8" tbg. Set RBP @ 4437'. POOH & set pkr @ 4377'. Load tbg w/17 bbls 1% KCl water & press test RBP w/500 psi. OK. Rel test press, open unloader & rel pkr. Load well bore w/121 bbls 1% KCl water down tbg, close rams & press test TOL, OK. Rel test press, open pipe rams & POOH to 2632' w/pkr. RIH to 4377'. RIH, engage & rel RBP @ 4437'. RIH & set pkr, load tbg w/17 bbls 1% KCl water 7 press test RBP w/500 psi, OK. Rel pkr & POOH to 4660' & dump 22' (15 gals), POOH to 4030' & pump 2 bbls 1% KCl water to flush tbg, POOH.

02/18/98 RU BJ & RIH perf gun. Tag fluid level @ 4000' & sand @ 4678'. Perf w/ 1 JSPF @ 4662-44-42-4584-82-40-38-34-32-4475-73-71-62-60-31-29-27, TOTAL: 17 perfs. POOH, RIH w/ dump bailer & spot 15% HCl from 4655' - 4635', from 4548' - 4528', and from 4440' - 4420', POOH. Change pipe rams, RIH, tag line top w/ pkr. POOH & set 7" pkr @ 2647', load csg/tbg annulus w/ 80 bbls 1% KCl water.

02/19/98 Press up on tbg/csg w/ 500 psi, close in & monitor. Press test line to 4500 psi, repair leak retest to 4500 psi, OK. Bled off press. Pump 55 bbls 1% KCl water to load tag & line. Pump 12 bbls 15% HCl. Pump 72 bbls 1% KCl water, pump 12 bbls, 15% HCl, rel 12 frac balls @ start, 12 frac balls after 3 bbls pumped, 11 frac balls after 6 bbls pumped & 11 frac balls after 9 bbls pumped. Pump 64 bbls 1% KCl water flush, good ball & breakdown action. Balled off, surge off balls & pump 10 bbls 1% KCl water. Min/max.: 930/3550 psi & 7.5/15 BPM. Avg.: 12 BPM/1980 psi. ISIP: 700 psi, 10 min: 0 psi. RIH & tag pkr, frac pkr, lost string weight. Attempt to screw back, no go. POOH, left 9 jts, tbg & frac line in hole. Found pin end threads slightly damaged. RIH, attempt to rel w/ various techniques, no go.

02/20/98 Blow down tbg to flare pit, pkr cam loose, POOH, released, RU BJ & RIH w/ junk basket to 4678'. Work basket & POOH. Recovered 46 frac balls, 36 w/ hits. PU redressed pkr & unloader. RIH on 3-1/2" tbg. Set pkr @ 2652', load csg/tbg annulus w/50 bbls 1% KCl water. Press test w/ 500 psi, bled off test press. NU frac valve.

02/22/98 Press upon csg/tbg annulus w/ 500 psi, close in & monitor. Open frac valve, had SITP: 860 psi. Frac Menefee perfs from 4427'-4663': Pump 238 bbls. 1% KCl slick water pad @ 40 sand @ 40 BPM/3680 psi pump 821 bbls 1% KCl slick water w/0.5 PPG 20/40 sand @ 40 BPM/3850 psi. Press increased to 4200 psi & rate decreased to 34 BPM. Cut sand & pump 147 bbls 1% KCl slick water @ 35 BPM/3900 psi pump 326 bbls 1% KCl slick water w/1.0 PPG 20/40 sand @ 35 BPM/3900 psi pump 188 bbls 1% KCl slick water w/1.5 PPG SDC 20/40 sand @ 35 BPM/4000 psi pump 51 bbls 1% KCl slick water flush to top perf @ 36 - 0 BPM/3750 - 1800 psi. ISIP: 1800 psi, 5 min: 1230 psi, 10 min: 1050 psi & 15 min: 1000 psi. Avg.: 38 BPM/4000 psi. Total: 6450# 20/40 sand & 9800# SDC 20/40 sand. Bled off press on csg/tbg annulus.

02/23/98 Open unloader on pkr, release pkr & POOH, change pipe rams to 2-3/8", RIH on 2-3/8" tbg to 2640'. Cont. circ wellbore clean, RIH to 4200'. Unload water from wellbore, still making sand. Circ wellbore clean, RIH & tag up @ 4641'. CO frac sand from 4641' - 4686'. Circ wellbore, kill tbg w/5 bbls 1% KCl water & POOH to 4528'.

02/24 to 02/25/98 Flowing well thru 2" flow line & 1/2" choke to atmosphere. Water decreasing w/ steady flow at various psi.

02/26/98 Test for perfs from 4427' - 4663', test: 430 MCFGPD, 0 BOPD & 3 BWPD w/ FTP: 70 psig/270 psig thru 2" flow line & 1/2" choke to atmosphere. Test witnessed by Wesley Herrera/Efran Molina - Big A Well Svc. POOH & LD SN, RIH w/ RBP, 1 stand of 2-3/8" tbg, string float & 2-3/8" tbg. Tag up @ 4680'. CO to RBP @ 4700' & circ clean. Engage RBP, open unloader, release RBP, POOH & LD excess 2-3/8" tbg, string float, RBP. RIH 2-3/8" SN & 145 jts. 2-3/8", 4.7 ppf, J-55, 8RD EUE tbg. MU tbg hanger & land same (EOT @ 4725.33' KB & SN @ 4723.83'). ND Blewey tee & BOP. NU plunger, RDMO.