

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY

FORM APPROVED
OMB 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type Of Well Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		5. Lease Serial No. SF-07417
2. Name Of Operator CONOCO INC.		6. If Indian Allottee or Tribe Name
3a. Address P.O. Box 2197, DU 3066, Houston, TX 77252-2197	3b. Phone No. (include area code) (281) 293-1643	7. If Unit or CA/Agreement, Name and/or No. SAN JUAN 28-07 UNIT #22
4. Location Of Well (Footage, Sec., T., R., M., or Survey Description) 1879' FNL - 520' FEL, SEC. 17, T28N-R07W, UNIT LETTER H		8. Well Name And No. SAN JUAN 28-07 UNIT #22
		9. API Well No. 30-039-07422
		10. Field And Pool, Or Exploratory Area BLANCO PC / BASIN FC
		11. County Or Parish, State RIO ARriba COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input checked="" 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: _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting 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 work will be performed or provide the Bond No. on file with the 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 Recompletion 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.)

PLEASE SEE ATTACHED DAILY DETAILS FOR BLANCO PC / BASIN FC
COMPLETION INFORMATION. THIS WELL IS DHC'D PC/FC/MV.

14. I hereby certify that the foregoing is true and correct Name (Printed / Typed): DEBRA SITTNER	Title Agent for Conoco Inc.
Signature <i>Debra Sittner</i>	Date 05-31-01

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.

SAN JUAN 28-07 UNIT #22

300390742200

1879' FNL – 520' FEL, Section 17, T28N-R07W

Rio Arriba County, NM

Date	Operations
12/20/2000	MIRU Aztec Well Service Rig No.376. Set in all equipment & RU same. SDON.
12/21/2000	SITP: 320 psi. SICP: 280 psi. Bled well down. ND wellhead. NU BOP. Strap out of hole with 2 3/8" tubing. 155 jts = 4848.95'. SWI-SDON.
12/22/2000	SICP: 230 psi. Bled well down. PU 6" bit, bit sub w/float, (12) 4 1/8" OD DC's, X-O sub, X-O sub,(BHA= 356.04'). TIH w/ BHA & 2 3/8" tubing. Tagged @ 4837'. PUH to 4400'. SWI-SDF holidays. Finished laying clean out lines off casing for N2 cleanout.
12/27/2000	SITP: 0 psi. SICP: 320 psi. Bled well down. TIH to 4834'Held safety meeting. RU BJ Services N2 equipment. Cleaned out open hole from 4837'-5008'. Got stuck @ 5008' & ran out of N2. Bled N2 pressure off well. Worked pipe free. PUH to 4400'. SWI-SDON.
12/28/2000	SITP: 40 psi. SICP: 280 psi. Bled well down. TIH & tagged @ 4912'. RU swivel. Unloaded hole w/ N2. Cleaned out open hole from 4912'-5200'. From 5003'-5011' is a sticky shale section with sluffing shale. Blew hole on bottom for 20 mins with N2. Shut down N2. PUH to 4412'. Pulled tight through 5000'. SWI-SDON.
12/29/2000	SITP: 40 psi.SICP: 280 psi. Bled well down. TIH w/2 3/8" tubing, DC'S, X-O, from 4412'-5190'. Tagged @ 5190', 21' of fill. PUH to 4412'. SWI-SD For Holidays. Re-spot catwalk & pipe rack. Unload 4 1/2" liner.
1/2/2001	SITP: 40 psi. SICP: 280 psi. Bled well down. TIH w/ 2 3/8" tubing. Tagged @ 5151'. RU Halliburton N2 & held safety meeting. Broke circ with N2. Cleaned out fill from 5151'-5200' w/ 1000 scf/min N2 @ 300 -330 psi. Blew hole clean. TOH with 2 3/8" tubing, DC's,bit. Changed out elevators. Held safety meeting. RU San Juan casing crew. RIH with 4 1/2" liner & hanger assembly, DC's & 1 stand of tubing. SWI-SDON.
1/3/2001	SITP:40 psi. SICP: 280 psi. Bled well down. TIH with liner & hanger assembly & 59 stands + 1 single. Tagged @ 5110'. 90' of fill. RU Halliburton N2 unit. Held safety meeting. Attempted to blow hole clean with N2. Could not establish circ with N2. Lost 12K string weight & hole was packed off. RD Halliburton N2 unit. TOH w/ 2 3/8" tubing to top of DC's.SWI-SDON.
1/4/2001	SITP:0 psi. SICP: 280 psi. Bled well down. POH with 1 stand of tubing, DC's, liner hanger, & 4 1/2" liner. TIH with 7" packer on 2 3/8" tubing. Set packer @ 4390'. Loaded 2 3/8"X 7" annulus with 2% KCL water. Pressure test 7" casing to 2000 psi, test ok. Released packer & PUH to 2960'. SWI-SDON.
1/5/2001	SITP: 40 psi. SICP: 280 psi. Bled well down. Finished TOH w/ 2 3/8" tubing & packer. Tied on to casing. Loaded casing with 2% KCL (178bbls). Fluid will fall back quick after shutting pump down. SWI-SDON.
1/8/2001	Move in mud mixing equipment. Bled well down. Loaded casing with 75 bbls 2% KCL water. SD.
1/9/2001	Left well shut in. Finished hauling in mud mixing equipment. Mixed 400 bbls of fresh water mud. Drained pump & lines. SD.
1/10/2001	SIP: 0 psi. Finish mixing mud. TIH w/ BHA & tubing. Tagged @ 5001'. PUH to 4425' & drained all pumps & lines. SD.
1/11/2001	SIP: 0 psi. TIH to 4990'. Displaced hole with mud, 4.2 bpm @ 700 psi. RU mud lines to shaker. Broke circ & cleaned out from 5001'-5021' & lost circ completely. Lost 190 bbls mud to formation. PUH to casing shoe @ 4425'. Mixed 50 sx of cedar fiber in mud. TIH to 5021'. Cleaned out from 5021'-5088' with no loss of mud. Hole was stabilized. PUH to 4425'. Drained all equipment. SD.
1/12/2001	SIP: 0 psi. Lost packing on centrifugal pump on mud mixing equipment. Repaired pump & suction valve on mud mixing pit. SWI-SD for weekend.

SAN JUAN 28-07 UNIT #22

300390742200

1879' FNL – 520' FEL, Section 17, T28N-R07W

Rio Arriba County, NM

- 1/15/2001 SIP: 0 psi. Everything on location was frozen up. Thawed out all equipment. TIH to 5053'. RU swivel. Broke circulation, took 15 bbls mud to load hole. Washed from 5053'-5200' in 4 hrs. Circ'd on bottom for 2 hrs. PUH to casing shoe @ 4440'. Left all equipment circ'g overnight SDON.
- 1/16/2001 SIP: 0 psi. TIH to 5180'. RU swivel & broke circulation. Washed 20' to bottom with no problem. Spotted 10 gals EZmud in open hole. TOH w/ 2 3/8" tubing, DC's & bit. Held safety meeting. RU San Juan Casing crew. Changed out pipe rams. Installed stripper head for 4 1/2" casing. Ran 44 jts 4 1/2" casing, incomplete. SWI-SDON.
- 1/17/2001 Finished RIH w/ 121 jts 4 1/2" 10.50# J55 Maverick 8 rd LT&C new ERW casing. End of casing @ 5154'. FC @ 5106'. RU BJ Services. Attempt to pump through FC & could not. RU Blue Jet. RIH w/ sqz gun & tagged FC @ 5106'. Shot 4 holes in 4 1/2" casing @ 5105'. RD Blue Jet. RU BJ Services cement head. Broke circ through holes @ 5105'. Cemented 4-1/2" casing as follows: Pumped 20 bbls gel water, followed by 30 bbls fresh water, 250 sx 65:35 Poz L (fly ash) Type III cement + 6% gel + 7% CSE+ .25lbs/sk Cello Flake + .2% CD-32+ .7% FL-52 @ 12.5 ppg, 1.95 yield. (87 bbls cement). Displaced cement & wiper plug to 5025' w/ 80.5 bbls fresh water @ 3 bpm @ 0-700 psi. Good circ throughout job. Lost circ on last 3 bbls displacement. RD BJ. SD
- 1/18/2001 Well is shut in WOC. Hauling mud off location today to storage. Hauling mud-mixing equipment off location today & Friday.
- 1/19/2001 Rig crew went to Safety Kickoff. Drove to location. RU casing crew. RU Weatherford Wireline truck. Held safety meeting. Took 3 hrs to thaw 4 1/2" casing. RIH w/ free point tool. Ran free point on 4 1/2" casing. Casing showed to be free @ 2027'. Decision was made to leave all 4 1/2" casing in well. RD all equipment. SWI-SDON.
- 1/22/2001 SIP: 0 psi. ND BOP. ND tubing head. Held safety meeting and filled out Hot Work Permit. Weld on 7" casing stub. NU "B" section. Tested seals on B section and there was a leak on the 7" casing stub. ND B section. Ground out weld and re-weld stub. NU B section. Attempt to test again and weld still leaked. NU BOP. SWI-SDON.
- 1/23/2001 Ground out 7" casing weld and re-welded casing stub. NU 11" 3M X 11" 3M X 4 1/2" slips casing spool. Tested spool to 1600 psi, test OK. Set 4 1/2" casing slips with 56K setting on slips. Cut off 4 1/2" casing. NU 11" 3M X 7 1/16" 3M tubing head. Tested tubing head to 2400 psi & seals would not test. ND tubing head. Removed packing plate to redress O-rings. SWI-SDON.
- 1/24/2001 SIP: 0 psi. NU tubing head & tested to 2400 psi. Test OK. LD 12 4 1/8" DC's. TIH w/ 3 7/8" bit, bit sub, (6) 3 1/8" DC's, X-O, (181.64). & 2 3/8" tubing. Tagged cement @ 4925'. SWI-SDON.
- 1/25/2001 SIP: 0 psi. Drilled cement from 4925'-5100'. Circ'd well clean w/ 2 % KCL water. Pressure test to 3000 psi, OK. TOH LD all 2 3/8" tubing & DC's. SWI-SDON.
- 1/26/2001 ND BOP. NU 2 7 1/16" 3m frac valves on wellhead. Test casing & frac valves to 2500 psi. Test OK. RDPU. Will move rig off location Monday 1/29/01. Ready to perf Tuesday 1/30/2001.
- 2/1/2001 RU Blue Jet mast truck & wireline truck. Thawed wellhead for 2hrs. RIH & ran CBL-GR-CCL log from 5102' - surface. CBL showed good bond throughout log with no pressure on well. TOC @ approx 2000'. Perf'd 4 1/2" casing in Point Lookout formation with 1/2 spf utilizing 3 1/8" cased gun as follows: 4984-4990, 5046-5052, 5074-5080, 5086-5098. Perf'g incomplete. SWI-SDON.

SAN JUAN 28-07 UNIT #22

300390742200

1879' FNL – 520' FEL, Section 17, T28N-R07W
Rio Arriba County, NM

- 2/2/2001 Held safety meeting. RU Blue Jet. Finished perf'g Point Lookout & Lower Menefee with 1/2 SPF utilizing 3 1/8" cased gun as follows: 5004-5024, 4916-4922, 4896-4902, 4862-4874, 4798-4816, 4754-4762 (total of 60 holes). RD Blue Jet. RU BJ Services Frac crew. Held safety meeting. Broke perfs w/ 2%KCL@ 6 bpm@ 1100 psi. Acidize perfs 4754-5098 w/70 bbls 15% HCL acid dropped 70/1.1sg Bio-balls @ 20 bpm@ 725-900-830psi. Good ball action. Did not ball off perfs. Wait one hour for balls to dissolve. Re-test all frac equipment. Frac'd perfs 4754-5098 with 51576 gals 25# linear gel@ foamed to 70Q foam with N2 + 92,518 lbs 20/40 sand. AIR: 40 BPM. Max: 2053 psi. Min pres: 1828. Avg pres: 1933 psi. ISIP: 230. 5min: 141. 10min: 62 psi. 15min: 34 psi. TLTR: 422 bbls. RD BJ. Left well shut in.
- 2/5/2001 Held safety meeting and tested wellhead for voltage. RU Blue Jet. RIH with 4 1/2" Fas-drill plug on wireline & set plug @ 4735'. POH w/WL. Bled pressure off well. Perforated Upper Menefee and Cliffhouse formation through 4 1/2" casing with 1shot every 2' utilizing 3 1/8" cased carriers as follows: 4686-4694, 4672-4678, 4664-4666, 4654-4658, 4642-4644, (U.Menefee), 4602-4620, 4590-4592, 4544-4550, 4522-4532, 4482-4500'(Cliffhouse). 47 holes, 74'.
- 2/6/2001 MIRU BJ Services. Held safety meeting. Tested lines to 3000 psi. Set pop off @ 3000 psi. Frac'd Upper Menefee & Cliffhouse perfs 4482-4686 as follows: Broke perfs with 2% KCL water 6 BPM @ 1000 psi. Increased rate to 15 BPM @ 1000 psi. Dropped 60/1.1SG bio-ball sealers, 2 balls/bbl & flushed with slick water. Had very good ball action to 2500 psi. Did not ball out. Shut down. ISIP: 460 psi. 5 min: 0 psi. Waited for 1.5 hrs for balls to dissolve. Started pre-pad for step rate test 13.5 BPM @ 2400 psi. Performed step rate test, 30 - 23- 16 - 5.5 BPM @ 2600-1750-1260-740 PSI respectively. ISIP: 500 psi. 5 min: 256 psi. 10 min: 0 psi. Frac'd with 38,130 GALS 25# Linear gel + 84,080 LBS 20/40 sand foamed to 70Q 1-4 ppg. Flushed with 65 bbls 2% KCL water 20 - 16 - 8 - 4 BPM. ISIP: 965. 5 min: 812. 10 min: 774. 15 min: 743 psi. TLTR: 743 BBLS. Held post job meeting. RD BJ Services. Left well shut in.
- 2/12/2001 RU Blue Jet Wireline truck& mast truck. RIH with 4 1/2" Fas-drill composite plug. Set BP @ 3050'. Perforate Pictured Cliff formation as follows: 2943'-2950 (1spf), 2860'-2900' (1 shot every 2') 30 holes total. Starting FLVL@ surf. Ending FLVL @ 250'. RD Blue Jet. Left well shut in.
- 2/13/2001 Well is shut in. Filling tanks and heating water prep to frac.
- 2/14/2001 MIRU BJ Services. Held safety meeting. Tested lines to 3000 psi. Set pop-off and popped off 3 times. Broke perfs 2860-2900, 2943-2950 with slick water 7 BPM@ 2700 psi. Balled off perfs with bio-balls, 9-4 BPM @ 1800-1900-2100-2300-2870-3100 psi. Attempt to surge balls off 2 times with no success. Waited 1 1/2hrs for balls to fall. Removed ball gun. Re-test lines to 3000 psi. Performed step rate test as follows: Started pumping slick water @ 21 bpm@ 2210, step down, 15 bpm@ 1530, step down 8 bpm @ 1050. Shut down. ISIP: 705, 5M: 627, 10M: 602, 15M: 583. Frac'd same perfs w/ 42,882 gals 25# linear gel foamed to 70Q foam with N2 + 109,080 LBS 20/40 sand. AIR: 35 BPM Min: 1818. Max: 2615 Avg: 2242 psi. ISIP: 965. 5M: 919 10M: 904 !%M: 889 TLTR:722 bbls. Shut well in. RD BJ.
- 2/15/2001 SICP: 700 psi. RU Blue Jet mast truck & wireline truck. RIH & set Fas-drill plug @ 2855'. RIH w/ 3 1/8" OD perf gun. Perf'd Fruitland Coal formation through 4 1/2" casing @ 2835-2845', 2740'-2745', 2670'-2672'. (2 spf total of 37 holes). After shooting 2835-2845 pressure blew gun up hole 50-60'. Checked collar locator & line weight and all looked ok. Shot the remaining gun. PUH with wireline & perf gun to within 25' from surface. Line was stranded and had 750 psi on well. Could not extract gun from well. RU Cudd Pressure Control pump truck. Pumped 180 bbls 2% KCL water in well and could not kill well. Left well packed off and dry watched overnight.

SAN JUAN 28-07 UNIT #22

300390742200

1879' FNL – 520' FEL, Section 17, T28N-R07W

Rio Arriba County, NM

- 2/16/2001 Wellhead was frozen. Thawed wellhead. SIP: 425 psi. Bled pressure off well to 100 psi. Pumped 80 bbls 2% KCL water in well and killed well. Removed perf'g gun from well. All shots had fired. RD Blue Jet & Cudd. Shut well in. Well is temporarily off report pending a rig to clean out all plugs and fracs. Well currently has 2 3000 psi frac valves on wellhead.
- 4/12/2001 MIRU Aztec Well Service #473 For C/O. Check Psi On well 400# on casing Bled Well Down. ND frac valves NU BOP's and Test to 3000#. Blinds and Pipes Held O.K. Installed Blooey Line. SDFN
- 4/16/2001 Check PSI on well 400# on casing. Blow well down. PU and RIH w/ NC and 91 jts 2 3/8" tubing. Tagged Comp. BP. @ 2845' No sand on plug. St. air comps. Unloaded hole. Circ. hole for two Hrs. well making no sand, pumped 3 bbl soap sweep. PUH to 2600' and tested FC. for three Hrs. 20# on tubing and 50# on casing. total gas vol. 130 mcf/day 1 bbl wtr and no oil. Test witnessed by Jesse Ruiz Aztec Well Services SDFN.
- 4/17/2001 Check PSI on well 360# on tubing 480# on casing. TOO H w/ 82 jts tubing. PU and RIH w/ 3 7/8" super mill, x-over and 92 jts 2 3/8" tubing. Tagged plug @ 2848' No new fill. St Air. Broke Circ. D/O BP. and C/O sand to 3050' tagged top of Comp BP. Cicr hole for two hrs. Well making mod sand. Made 5 bbl soap sweep. PUH to 2600' and tested PC, FC for Four Hrs 120# on tubing and 350# on Casing. Gas Vol = 750 mcf/day. Allocating 100-mcf/day 1bbl wtr on oil to the FC, and 650 mmcf/day no wtr and no oil to the PC. Witnessed By Jesse Ruiz Aztec Well Service. SDFN
- 4/18/2001 Check psi on well 350# tubing. 400# casing. Blow well down. TIH w/ tubing tag fill @ 3020' 30' of fill overnight. St. Air broke Circ. C/O sand to 3050' Blow on well for 4 Hrs. Well seems to be cleaned up. D/O B P. @ 3050' PU and RIH w/ tubing. Tagged sand @ 5788' St. air, broke Circ. tried to circ. sand out of hole. Sand to hard to circ. Will RU swivel in AM. PUH to 2600' turned well over to dry watchmen. 7:00pm 130# on tubing 260# on casing 12:00 am. 160# on tubing. 300# on casing 6:00am 145# on tubing 290# on casing
- 4/19/2001 Rel. dry watch. 270# on casing 160# on tubing. Blow well down. TIH w/ tubing tag fill @ 4588. RU swivel broke circ. w/ air and mist. C/O sand to 4740' Circ. well w/ air for 5 hrs. Well Making Hvy sand for first 4 hrs and than seems to clean up. LD swivel and TOO H to 2650' Turned over to dry watch. 6:00pm Tubing psi 125# Casing psi 260# 12:00am tubing psi 125# casing psi 235# 7:00am tubing. psi 125# casing psi 235#.
- 4/20/2001 Rel dry watch. 125# on tubing. 235# on casing Blow well down. TIH w/ tubing tagged sand @ 4690' 35' of fill over night. RU swivel. Broke circ. w/ air and mist. C/O sand to 4730' Circ well w/ air and mist for 4 hrs. Well seems to be cleaned up. D/O plug over Lower Menefee and Point Lookout, after drilling plug well had very good blow. PU and RIH w/ 12 jts tubing to 5135'. (PBTD) Made 5 bbl soap sweep. PUH to 2650' SDFN
- 4/23/2001 Check psi on well 580# on tubing 580# on casing Blow well down. TIH w/ 40 stands tubing. Tagged @ 5135'. No new fill PUH to 2680' tested MV. 4hrs Stabilized test as follows. 270# on tubing 270# on casing 1.7mmcf/day Total well vol. 0 wtr. 0 oil. 950 mcf/day allocated to the MV. Test witnessed by Jesse Ruiz Aztec well. SDFN
- 4/24/2001 Check psi on well. 560# on casing 440# on tubing. TOO H w/ 92 jts 2 3/8" tubing. X-over and 3 7/8" super mill. PU and RIH w/ P/O plug SN and 160 jts 2 3/8" J-55 eue 8 rd. tubing. Landed tubing @ 4992' ND BOP's NU wellhead. Pumped out plug. SDFN
- 4/25/2001 Check psi on well 450# tubing 550# casing RDMO Turn over to production. FINAL REPORT.