

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill 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 ☒ Gas Well ☐ Other

2. Name of Operator
Phillips Petroleum Company

3a. Address
5525 Highway 64, NBU 3004, Farmington, NM 87401

3b. Phone No. (include area code)
505-599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit H, 1650' FNL & 990' FEL
Section 21, T29N, R6W

5. Lease Serial No.

NMSF080379A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

San Juan 29-6 Unit

8. Well Name and No.

SJ 29-6 Unit #91

9. API Well No.

30-039-07582

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

Rio Arriba, 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 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 checked="" 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 Operation (clearly state all pertinent details, including estimated starting date of 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 the work will be performed or provide the Bond No. on file with 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 recompleat 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 final site is ready for final inspection.)

See attached for the procedure that A Plus Well Service used ot plug and abandon the subject well. The final abandonment notice will be submitted once surface rehab has taken place.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Patsy Clugston

Title

Sr. Regulatory/Proration Clerk

Date

5/31/02

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, 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.

A-PLUS WELL SERVICE, INC.

P.O. BOX 1979
Farmington, New Mexico 87499 702 JUN -4 PM 1: 51
505-325-2627 * fax: 505-325-1211

Phillips Petroleum Company

San Juan 29-6 Unit #91

1650' FNL & 990' FEL, Section 21, T-29-N, R-6-W

Rio Arriba County, NM

Lease Number: SF-080379A

API Number: 30-039-07582

May 31, 2002

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Plug & Abandonment Report

Pre-Plugging Cementing Summary:

Plug #1 in new open hole, with 37 sxs cement with 2% CaCl₂ from 1033' to 500'.

Plug #2 in new open hole and into 4-1/2" casing, with 36 sxs cement with 1% CaCl₂ and black dye from 720' to 300'.

Plug #2a in new open hole and 4-1/2" casing, with 25 sxs cement with 1% CaCl₂ from 385' to 292'.

Plug #3 in new open hole near the 4-1/2" casing, with 12 sxs cement from 999' to 855'.

Plugging Cementing Summary:

Plug #4 with 32 sxs cement (20% excess) in new 3-7/8" open hole from 938' to 556'.

Plug #5 with 60 sxs cement from 594' to 358' in open hole and from 358' to surface inside 4-1/2" casing, circulate 2 bbls good cement out casing valve, TOH with tubing.

Plug #6 with 107 sxs cement pumped down the 4-1/2" casing, squeezing cement from 938' to surface, final squeeze pressure of 2000#.

Plug #7 set P&A marker with 12 sxs of cement.

Pre-Plugging Work Summary:

Notified BLM on 4-3-02

4-03-02 Attend Phillips Petroleum Orientation Program at Safety Alliance. MOL. Held review of Phillips Environmental and Safety Handbook. RU rig and LD plastic. Layout relief line to pit. No well pressure. ND wellhead. NU BOP and test. SDFD.

4-04-02 Held JSA. Open up well. Held rig inspection with R. Allred with Phillips. PU 3-7/8" tooth bit, bit sub and 4 DC. TIH with Phillips 2-3/8" tubing workstring and tag fish at 436'. LD tongs and PU power swivel. Load and circulate out sand, cement and pieces of metal in return. Begin drilling while pumping 2 bpm at 600#, first 20' to 25' drilled fairly easy, circulating cement and bits of metal. Drilled slowly next 71' down to 532', circulating fine cement in returns. Circulate hole clean. Lost approximately 70 to 80 bbls water. Stand back swivel and 2 stands. Shut in well. SDFD.

4-05-02 Held JSA. Open up well and TIH, tag at 532'. PU power swivel and 1 joint; load and circulate hole clean with fine sand and pieces of shale in return. Begin drilling slow (hard) circulating out sand, small pieces of metal and traces of cement to 594'. Lost 70 to 80 bbls water. Hang back swivel. PUH and shut in well. SDFD.

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Plug & Abandonment Report

Pre-Plugging Work Summary Continued:

- 4-08-02** Held JSA. Open up well. Service swivel and TIH, tag at 592'. Circulate hole clean. Begin drilling at 594' and drill down to 675' circulating cement, sand and small pieces of metal in returns. LD 2 joints tubing and hang back swivel. PU tongs, TOH with 8 stands, LD 2 DC, found 1 DC worn on outside about 2', LD DC. LD worn out bit, 2 cones frozen, with teeth worn down. Shut in well. Change out BOP hoses to covered fireproof hoses. SDFD.
- 4-09-02** Held JSA. Wait on 5 more 3-1/8" DC and new 3-7/8" short tooth cone bit. TIH and tag at 670'. PU power swivel. Circulate hole clean with sand in returns. Start drilling at 675' and drill down to 720' circulating sand, very little cement and few metal fine shavings. Drilled down to 778' and started circulating sand with small amounts of formation and no cement. Circulate hole clean. Lost 80 to 90 bbls water. Hang back swivel. PU tongs and LD 5 joints tubing, standback 6 stands, 13th joint above DC had spiral marker on tubing and 4th DC had wear marks on bottom 4' to 5' from 682' to 675'. Shut in well. SDFD.
- 4-11-02** Held JSA. PU mill with cut-rite on OD. TIH with tubing, DCs and flat bottom mill. Tag at 900', 4' of fill. PU swivel and start drilling. Circulate out sand and some cement to 904'. Continue drilling to 981' circulating mostly sand, small amounts of cement, fine pieces of metal shavings in returns; losing water and return pressure. TOH with tubing and BHA. Repack swivel. PU 3-7/8" cone bit and TIH. Drill down to 1028' circulating sand and formation in returns. Circulate hole clean. Lost 150 to 160 bbls water. Hang back swivel. TOH with 5 stands. Shut in well. SDFD.
- 4-12-02** Held JSA. TIH with 5 stands tubing. PU swivel and 1 joint; tag at 1018'. Establish circulation with 6 to 8 bbls water circulating formation and drilling mud with gas cut water; clean out to 1028'. Begin drilling at 1028' with 3-7/8" cone bit down to 1059' circulating formation and small amounts of drilling mud. Circulate hole clean. POH and LD tooth bit. TIH with 3-7/8" flat bottom mill with cut-rite on OD of mill. TIH and begin drilling with mill at 1059' circulating small amounts of sand and formation, still losing water. Drilling became hard at 1100' with few solids in the returns. Started to lose more water. Drilled down to 1110', extremely hard. POH and check mill. Prep for wireline in morning. SDFD.
- 4-13-02** Held JSA. RU Blue-Jet wireline truck. RIH with collar locator tool. Found 4-1/2" casing from 365' to surface, none below. POH and RD. Shut in well. SDFD.

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San Juan 29-6 Unit #91

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1650' FNL & 990' FEL, Section 21, T-29-N, R-6-W

Rio Arriba County, NM

Plug & Abandonment Report

Lease Number: SF-080379A, API Number: 30-039-07582

Pre-Plugging Work Summary Continued:

- 4-15-02** Held JSA. Prepare to pump cement. Notified BLM about drilling outside of casing and received approval to plug back (S. Mason). TIH with tubing and tag fill at 1033'. Plug #1 in new open hole, with 37 sxs cement with 2% CaCl₂ from 1033' to 500'. PUH and WOC for 4 hours. TIH and tag cement at 720'. Load hole with 4-1/2 bbls water and circulate clean with 15 bbls. Plug #2 in new open hole and into 4-1/2" casing, with 36 sxs cement with 1% CaCl₂ and black dye from 720' to 300'. POH with tubing. Load hole with 1 bbl and start hesitation squeeze: 1st ¼ bbl no pressure, 20 minutes later 2nd ¼ bbl no pressure, 3rd ¼ bbl no pressure and 4th ¼ bbl no pressure. Layout 3" line to pit and RU shale shaker. SDFD.
- 4-16-02** Held JSA. TIH with tubing and tag cement at 385'. Plug #2a in new open hole and 4-1/2" casing, with 25 sxs cement with 1% CaCl₂ from 385' to 55'. TOH with tubing. Load casing with ¾ bbl water and wait 15 minutes. Attempt to squeeze cement, pumped 1 bbl and pressured up to 1000#, held. TIH 4 joints and establish circulation. PU additional 5 joints and wash out cement down to 292'. TOH with tubing. Load casing and pressure up to 500#. Shut in well and WOC. SDFD.
- 4-17-02** Held JSA. PU new 3-7/8" rock bit with "packed assembly": stabilizer bit sub, short DC, string stabilizer, x-over, DC, string stabilizer, 7 DC, 1 joint 2-3/8" with x-over, 1 joint tubing. TIH and tag cement at 296'. LD 1 joint. PU power swivel and drill down to 322' circulating medium hard cement in returns. Drilled harder cement down to 353', observed small metal pieces in returns. TOH with tubing and packed BHA. Found teeth chipped on bit. TIH with tubing and fluted mill. Tag at 353' and establish circulation. Drill out to 375' circulating cement with small pieces of metal to 358'. Then circulated sand with dark green fine hard cement to 375'. TOH with 2 joints tubing. Pump truck fan belts broke. Shut in well. SDFD.
- 4-18-02** Held JSA. TIH and tag cement at 375'. Load casing and circulate clean. Drill out to 380' circulating fine, hard dark grayish cement, to 399' circulated sand and drilling mud and to 402' circulate metal shavings with sand and very little cement. Continue drilling to 407' circulating drilling mud, sand with small amounts of cement in the returns. TOH with tubing and packed BHA. Mill showed very little wear. RIH with tubing and 3-7/8" cone bit, tag at 407'. Drill to 418' circulating drilling mud and small amounts of cement with sand in returns. No cement or metal returns from 418' to 412'. Circulate hole clean. Lost 60 to 80 bbls water. Hang back swivel. TOH with tubing and bit; replace with new 3-7/8" bit and TIH. SI well. SDFD.

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Plug & Abandonment Report

Pre-Plugging Work Summary Continued:

4-19-02 Held JSA. TIH and tag at 512'. RU swivel. Drill from 512' to 667' with light gray sand in the returns. Lost 100 to 120 bbls water. Circulate hole clean. TOH with tubing and BHA. Shut in well. SDFD. Reviewed job progress with Phillips and determined future action plan

4-22,23,24-02 Plugged San Juan 32-8 #37 & #41 wells with crew and cementing equipment.

4-25-02 Held JSA. TIH with 10 stands tubing and LD 20 joints. TIH with 11 stands tubing and LD 22 joints. TIH with 4 stands, 3-1/8" DC, LD 8 DC on 4x4 on ground. ND BOP. NU wellhead. SI well. RD and MOL. No BLM representative was on location.

Plan is to directionally drill from 657' back to the 4-1/2" casing, re-enter it and plug the well.

Notified BLM on 5-8-02

5-07-02 MOL. Held JSA. Spot rig in and set on jacks. Too windy to RU. SDFD.

5-08-02 Held JSA. RU. Layout relief line to pit. Open up well and blow down 55# casing pressure. ND wellhead. NU BOP and test. RU drilling pit and hang back swivel. PU tongs, 8 - 3-1/8" DC and stand back. Shut in well. SDFD.

5-09-02 Held JSA. TIH with 3-7/8" bit, 2 DC, 19 joints 2-3/8" tubing and tag at 657'. PU swivel and drill down to 670'. Circulate hole clean. TOH. TIH with new BHS to 655'. RU Blue Jet wireline unit and ran Scientific Drilling survey tools. POH with wireline. RU 3.5 Bowen power swivel with adapter and hang back. SI well. SDFD.

5-10-02 Held JSA. TIH and tag at 661'. Run surveys with wireline and Scientific Drilling. PU swivel and circulate down to 670'. RU wireline and tools, drill down to 701' with steering tools and 732' without steering tools. Circulate hole clean. Run surveys. POH. Stand back power swivel. POH with tubing, bit okay. TIH with 5 stands. Shut in well. SDFD.

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Plug & Abandonment Report

Pre-Plugging Work Summary Continued:

- 5-11-02** Held JSA. Open up well. TIH with 6 stands, PU 1 joint with swivel and tag at 724'. Circulate hole clean down to 732'. PU steering tools and drill down to 763', circulate hole clean. LD tools. PU surveying tool and survey 20' of newly drilled hole, LD survey tool. PU steering tools and drill down to 783'. TOH with tubing and found bit worn. Replace with button bit. TIH with tubing to 783'. RIH with wireline and POH. Fix steering tools and RIH. Drill down to 794' and circulate hole. Run surveys. POH with wireline and tools. RD swivel. Stand back 6 stands. Shut in well. SDFD.
- 5-12-02** Held JSA. TIH with tubing to 794', no fill. LD tongs and PU swivel. Drill to 804' with no steering tool. Circulate clean. Stand back swivel. POH with tubing. remove mud motor and replace with x-over and new 3-7/8" rock bit. TIH with tubing, LD tongs, PU tongs and 1 joint. RIH with survey tool and survey. POH with wireline. RIH with steering tool and survey, POH. LD swivel with 1 joint. PU tongs. POH with tubing and LD x-over with 3-7/8" bit. PU mud motor with 3-7/8" bit. TIH with tubing. LD tongs. PU swivel and RIH, tag at 804'. RIH with steering tool, had trouble with tool. Drill down to 836'. RD wireline with tool. RD swivel. POH with tubing and LD mud motor. PU x-over with 3-7/8" bit. TIH with tubing. PU swivel and 1 joint. RU wireline with ranging tool. RIH with wireline to 836', range every 2', RD. LD swivel, PU tongs and POH with tubing. LD x-over and 3-7/8" bit. PU mud motor with 3-7/8" bit and TIH. LD tongs and PU swivel, tag at 804'. RIH with steering tool, had trouble with tool. Drill down to 836'. RD wireline tool. RD swivel with 1 joint. POH with tubing and LD mud motor. PU x-over with 3-7/8" bit. TIH with tubing and PU swivel. RU wireline with ranging tool and RIH to 836', range every 2'. RD wireline. LD swivel. PU tongs. POH with tubing. LD x-over with bit. PU mud motor. TIH with 6 stands. Shut in well. SDFD.
- 5-13-02** Held JSA. TIH with tubing and mud motor. LD tongs. PU swivel. RIH and tag at 836'. Drilled down 40' to 876'. LD swivel and PU tongs, TOH with tubing. LD mud motor. PU x-over with 3-7/8" bit. TIH and LD tubing. PU swivel and RU wireline with ranging tool and POH. RIH with gyro tools and POH. Drill down to 890' and circulate hole clean. POH with wireline and LD swivel. PU tongs. POH with tubing and x-over. PU mud motor with bit. TIH with tubing and PU swivel with ranging tool. Run surveys. LD wireline and tools. RD swivel and PU tongs. TOH with tubing and LD mud motor. PU x-over and TIH to 890'. PU swivel and RIH with wireline, run ranging survey. Run Gyro tools and survey. POH with wireline and tools. LD swivel. POH with x-over. PU new mud motor and TIH. SI well. SDFD.

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Plug & Abandonment Report

Pre-Plugging Work Summary Continued:

- 5-14-02** Held JSA. TIH with tubing and PU swivel, tag at 890'. RU wireline and RIH with steering tools drilling 9'. TOH with steering tools. Drill down to 930'. Circulate hole clean. LD swivel. POH with tubing and LD mud motor. PU x-over with 3-7/8" bit and TIH to 930'. RU wireline with ranging tools, run surveys. Tag 4-1/2" casing. LD 1 joint tubing and run surveys. Power swivel's 1-1/2" chicks broke. LD swivel. Stand back 9 stands. Shut in well. SDFD.
- 5-15-02** Held JSA. TOH with tubing and LD 3-7/8" cone bit. PU 3-7/8" bell-bottom bit and TIH. PU swivel and RU wireline with steering tool. Tag at 926' and circulate to 4-1/2" casing at 930'. Check steering tool. Attempt to cut window into 4-1/2" casing, circulating fine hair metal shavings and sand. POH with wireline and LD swivel. TOH with tubing. LD mud motor and re-adjust. PU mud motor and TIH. PU swivel. RIH with wireline and steering tool. Attempt to establish circulation, pressured up. Mud motor plugged, TOH. LD mud motor and PU new mud motor. TIH with tubing. RIH with wireline and steering tool, establish circulation drilling out window at 930'. Drilled down to 934', unable to get into 4-1/2" casing. Circulate hole clean. POH with steering tool and wireline. LD swivel. POH with 8 stands. SI well. SDFD.
- 5-16-02** Held JSA. TIH with tubing to 935'. RIH with wireline and steering tool, establish circulation. Begin drilling on 4-1/2" casing, unable to drill into casing circulating fine hair like metal shavings in returns at 2-1/2 – 3 bpm at 1000#. POH with wireline and tool. LD swivel. TOH with tubing and mud motor. PU older mud motor and adjust. TIH to 640' and tag bridge. PU swivel and work down. LD swivel. PU tongs and continue in hole, tag bridge or fill. LD 5 joints, TIH with 2 stands and POH with wireline. PU swivel and wash down to 935'. Begin drilling down on side of casing to 955'. Found 4-1/2" casing collar. Circulate hole clean. POH with wireline and steering tool. LD swivel. POH with tubing. RU Wireline Specialties with 4-1/2" casing cutter. RIH to 684'. Unable to go further, hole unstable. POH with wireline. Plan to mud up hole. Shut in well. SDFD.
- 5-17-02** Held JSA. TIH with tubing to 674' and tag bridge. Mix and circulate mud into rig pit. PU swivel and work down through bridge at 674' and continue down to 955'. Circulate hole with mud. LD swivel. TOH with tubing. RU Wireline Specialties with 4-1/2" jet cutter. Work down to 945' and cut casing. RD Wireline Specialties. PU 3-7/8" bell-bottom mill and TIH. PU swivel and RIH to 914'. TIH with wireline and steering tool, unable to find cut in casing, POH. Begin drilling with mud motor, circulating some metal cuttings in returns then started circulating cement and formation. POH and LD swivel. POH with tubing, BHA and check bell bottom mill. Baker hand indicated mill was cutting in casing. Shut in well. SDFD.

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Plug & Abandonment Report

Pre-Plugging Work Summary Continued:

5-18-02 Held JSA. PU 3-7/8" window mill and TIH. PU swivel and RIH with wireline and steering tool. Mix mud and circulate hole. Work tubing down and find cut in casing at 945'. Attempted to cut window, circulate some metal shavings in return. Mud motor torqueing up. Worked down to 952' and started getting some cement and sand back in returns. POH with wireline and tool, LD swivel. POH with tubing and check window mill, OK. LD mill and mud motor. PU bell-bottom mill with 36 mud motor and TIH. PU swivel. RIH with wireline and tool. Attempt to find window, went down to 958'. Circulate hole and wait on Wireline Specialties. POH. LD swivel. TOH with tubing. RU Wireline Specialties with string shot. RIH to 951'. POH. Shut in well. SDFD.

5-19-02 Held JSA. TIH with 9 stands tubing and tag fill at 701'. RD tongs. PU swivel and LD steering tool. PU tubing and wash down to 922' circulating sand in returns. PU steering tool and RIH to 953', unable to find casing. POH with wireline and tool. PU 1 joint tubing and wireline tool. RIH with wireline and steering tool, work down to 959'. Circulate some metal shavings in returns then started circulating cement with sand. POH with wireline and tool. LD swivel. TOH with tubing and LD bell bottom mill. PU 3-7/8" bell bottom mill with water courses and TIH with tubing to 701', tag fill. LD tongs and PU swivel with wireline tool and LD steering tool. Wash down to 959'. PU steering tool with wireline and begin drilling at 959' circulating black cement. Drilled down to 962'. POH with wireline and tool. LD swivel. TOH with tubing and readjust mud motor to 0[^] (straight). TIH with 5 stands. Too windy to continue. Shut in well. SDFD.

5-20-02 Held JSA. TIH with tubing. PU swivel and drill down to 968', circulate cement and sand in returns. LD swivel. TOH with tubing and LD bell bottom mill. Re-adjust mud motor to 1.8[^]. PU 3-7/8" cone bit and TIH tubing. PU swivel and drill down to 999', circulating sand and cement. Unable to find another casing collar. LD swivel. TOH with tubing and mud motor. Wait on orders. TIH with tubing to 999' and circulate hole while waiting on cement. Plug #3 in new open hole near 4-1/2" casing, with 12 sxs cement from 999' to 855'. PUH to 907' and conventionally circulating hole clean, circulate out 1 bbl cement. TOH and shut in well. WOC. SDFD.

5-21-02 Held JSA. Open up well. Tally 4 3-1/8" DC. PU new 3-7/8" rock bit with x-over and TIH with DC and BHA. Tag cement at 885'. PU swivel and circulate hole. Begin drilling soft, green cement. Drill to 937' and circulate hole clean. Shut in well and WOC. SDFD.

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Plug & Abandonment Report

Pre-Plugging Work Summary Continued:

- 5-22-02** Held JSA. TIH with tubing and tag fill at 930'. Wash down to 937'. PU swivel and drill to 940' and circulate hole clean. LD swivel. TOH with tubing and DCs. PU stands with monel collars, mud motor and bell bottom mill with water courses. Remove mill and mud motor. Readjust motor to 3°. PU motor and 3-7/8" bell bottom mill with water courses and TIH and tag bridge at 885'. PU swivel and steering tool with wireline. Seat steering tool and drill down to 949' circulating out cement and sand. Unable to get into casing. POH with wireline and steering tool. LD swivel. TOH with tubing and inspect mill, found wear on outside of mill. PU new, longer bell bottom mill with water courses and TIH. PU swivel and RIH with wireline and tool drilling to 965'. Circulating sand and losing water. POH with wireline and tool. LD swivel. TOH with tubing and inspect mill, found wear on outside. Shut in well. SDFD.
- 5-23-02** Held JSA. PU 3-7/8" bit cone, 3-1/8" DC and TIH with tubing, tag fill at 955'. PU swivel and LD steering tool and lubricator. Wash down to 965'. LD swivel. PU tongs and TOH with tubing and DCs. RU Wireline Specialties with string shot and RIH, unable to get past 675', POH. TIH with tubing to 625'. PU swivel and wash down to 965'. Mix mud, had trouble with pump. Circulate hole clean with lots of sand and shale in returns. LD swivel. RU tongs and TOH with tubing and DCs. RIH with super string shot to 946' and shoot, POH. PU 3-7/8" tapered mill. TIH to 882' and tag. PU swivel and wash down to 940'. PU steering tool and drill out to 970', circulating sand but no metal. Did not find casing. Circulate hole clean. POH with wireline. LD swivel. TOH with tubing. Shut in well. SDFD.
- 5-24-02** Held JSA. PU 3-7/8" cone bit, 2 stands 3-1/8" DC and TIH with tubing to 939'. PU swivel and circulate well clean from 969'. LD swivel and PU tongs. TOH with tubing and BHA. RU Wireline Specialties. RIH with super charged string shot to 673', tag and unable to work past 670', TOH. TIH with 3-7/8" cone bit, 2 stands DCs and tubing to 625'. PU swivel and wash down to 970'. Circulate well clean for 20 minutes. LD swivel. PU tongs and TOH with tubing and DCs. RIH with super charged string shot, unable to get past 720', POH. TIH with 3-7/8" cone bit and 2 stands DCs, clutch on rig started slipping. TOH with tubing and BHA. RD Blue Jet. Shut in well. SDFD.

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Phillips Petroleum Company

May 31, 2002

San Juan 29-6 Unit #91

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1650' FNL & 990' FEL, Section 21, T-29-N, R-6-W

Rio Arriba County, NM

Plug & Abandonment Report

Lease Number: SF-080379A, API Number: 30-039-07582

Plugging Summary:

5-24-02 Meet with BLM and NMOCD representatives and reviewed work progress to date. Obtained consensus to plug well from 950' to surface.

5-28-02 Held JSA. P&A procedures approved by S. Mason, BLM. TIH with 4 stands of 3-1/8" DCs and LD. PU 2-3/8" notch collar and TIH, tag fill at 938'. PU 1 joint with Kelly hose on and wash down to 942', unable to go deeper with notch collar. LD swivel. PU tongs. Circulate hole clean with 20 bbls. Plug #4 with 32 sxs cement (20% excess) in new 3-7/8" open hole from 938' to 556'. PUH to 594'. Plug #5 with 60 sxs cement from 594' to 358' in open hole and from 358' to surface inside 4-1/2" casing, circulate 2 bbls good cement out casing valve. TOH and LD tubing. Plug #6 with 107 sxs cement pumped down the 4-1/2" casing, squeezing cement from 938' to surface, final squeeze pressure of 2000#. Pressure bled down to 1200# and held. Shut in well and WOC. Open up well and found cement at surface in 4-1/2" casing. ND BOP. RD swivel and rack up. Dig out and cut off wellhead. Found cement at surface in annulus. Plug #7 with 12 sxs cement to install P&A marker. RD and MOL.

T. Coy, BLM, was on location for plugging work.