

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF-0800379-A
2. Name of Operator PHILLIPS PETROLEUM COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 5525 US 64, FARMINGTON, NM 87401	3b. Phone No. (include area code) (505) 599-3454	7. If Unit or CA/Agreement, Name and/or No. SAN JUAN 29-6 UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) UNIT H, 1650' FNL, 990', FEL SECTION 21, T-29N, R-06W		8. Well Name and No. SJ 29-6 #91
		9. API Well No. 30-039-07582
		10. Field and Pool, or Exploratory Area BASIN DAKOTA
		11. County or Parish, State RIO ARRIBA, NEW MEXICO

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 site is ready for final inspection.)

PHILLIPS PETROLEUM COMPANY INTENDS TO PLUG & ABANDON THE ABOVE WELL AS PER PROCEDURES ATTACHED.

DUE TO RIG AVAILABILITY WORK IS SCHEDULED TO BEGIN AROUND JANUARY 2002.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)		Title <i>Sr. Regulatory Clerk</i>
Signature <i>Patsy Chugst</i>		Date <i>6/8/01</i>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date <i>7/12/01</i>
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.

NMOCD

## PLUG AND ABANDONMENT PROCEDURE

SJ 29-6 #91  
DAKOTA  
SEC. 21, T29N, R06W  
RIO ARRIBA, NEW MEXICO

NOTE: ALL CEMENT VOLUMES USE 100% EXCESS OUTSIDE PIPE AND 50 FT. EXCESS INSIDE PIPE. THE STABILIZING WELLBORE FLUID WILL BE 8.3 ppg, SUFFICIENT TO BALANCE ALL EXPOSED FORMATION PRESSURES.

1. INSTALL AND TEST RIG ANCHORS. PREPARE BLOW PIT. COMPLY WITH ALL BLM, PHILLIPS PETROLEUM, AND KEY ENERGY SAFETY RULES AND REGULATIONS. MOL AND RU DAYLIGHT PULLING UNIT. CONDUCT SAFETY MEETING FOR ALL PERSONNEL ON LOCATION. NU RELIEF LINE AND BLOW DOWN WELL, KILL WITH WATER AS NECESSARY.
2. ND WELLHEAD AND NU BOP. TEST BOP. PU 3 7/8" BIT AND 10- 3 1/4" DC ON 2 3/8" WORKSTRING AND TAG TOP OF CEMENT/FISH AT 436'. RU POWER SWIVEL AND CLEAN OUT TO BOTTOM OF PLUG AT APPROXIMATELY 642'. POH AND LD 3 7/8" BIT AND PU 3 3/4" TAPERED MILL. TIH AND TAG CIBP AT 6000'. DRILL UP CIBP AND CONTINUE IN HOLE TO 7500'. POH AND LD COLLARS.
3. **PLUG #1 (DAKOTA, 7383' – 7483'')**: RU WIRELINE AND RIH WITH 4 1/2" CIBP AND SET AT 7483'. RIH OPEN ENDED WITH 2 3/8" WORKSTRING AND TAG TOP OF CIBP. LOAD HOLE WITH WATER AND BALANCE 8 SX CL. B CEMENT PLUG ON TOP OF CIBP. POH.
4. **PLUG #2 (GALLUP, 6430' – 6530')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 6530'. PU AND RIH WITH 4 1/2" RETAINER AND SET AT 6480'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 51 SX CL. B CEMENT PLUG AND PLACE 43 SX BELOW AND 8 SX ABOVE RETAINER. PUH TO 5453'.
5. **PLUG #3 (POINT LOOKOUT, 5363' - 5463')**: BALANCE 12 SX CL. B CEMENT PLUG INSIDE CASING. PUH AND REVERSE TBG CLEAN. WOC AND TAG TOC. PUH TO 3300'.
6. **PLUG #4 (PICTURE CLIFF, FRUITLAND, KIRTLAND, OJO ALAMO, 2334' - 3300')**: BALANCE 78 SX CL. B CEMENT PLUG INSIDE CASING. PUH AND REVERSE TBG CLEAN. WOC AND TAG TOC. POH.
7. **PLUG #5 (NACIMIENTO, 965' - 1065')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 1065'. PU AND RIH WITH 4 1/2" RETAINER AND SET AT 1015'. ESTABLISH INJECTION RATE INTO PERFORATIONS WITH WATER. MIX 51 SX CL. B CEMENT PLUG AND PLACE 43 SX BELOW AND 8 SX ABOVE RETAINER. POH.
8. **PLUG #6 (SURFACE, SHOE, 0' - 359')**: RIH WITH WIRELINE AND PERFORATE SQUEEZE HOLES AT 359'. ESTABLISH CIRCULATION TO SURFACE WITH WATER OUT THE BRADON HEAD. MIX APPROXIMATELY 112 SX TO CIRCULATE GOOD CEMENT TO SURFACE.
9. ND FLOOR AND BOP. DIG CELLAR. FILL OUT HOT WORK PERMIT AND CUT OFF WELLHEAD BELOW SURFACE CASING FLANGE. TOP OFF CASINGS AS NEEDED.
10. INSTALL DRY HOLE MARKER. RD, MOL AND CUT OFF ANCHORS. RESTORE LOCATION PER BLM STIPULATIONS.

Today's Date: 06-01-01

**SJ 29-6 #91**  
**DAKOTA**  
**CURRENT**  
**SEC. 21, T29N, R6W**  
**RIO ARRIBA, NM**

SHOE @ 309'

NACIMIENTO @ 1015'

OJO ALAMO @ 2384'  
KIRTLAND @ 2579'

FRUITLAND @ 3080'  
PICTURE CLIFF @ 3250'

POINT LOOKOUT @ 5413'

GALLUP @ 6480'

DAKOTA @ 7579'

12 1/4" OH

8 5/8", 24# @ 309'. CMT W/ 175 SX  
CIRCULATED

**BAD CASING 360' - 368'**  
FISH @ 436' - 437' & TOC @ 436'  
**BAD CASING 630' - 642'**  
SQUEEZE JOBS IN MAY 2001  
300' - 642' W/ 500 SX, CLEAN OUT TO 410'  
225' - 410' W/ 75 SX, CLEAN OUT TO 410'  
125' - 375' W/ 30 SX, CLEAN OUT TO 410'  
225' - 410' W/ 80 SX, CLEAN OUT TO 410'  
250' - 410' W/ 90 SX, CLEAN OUT TO 438'  
250' - 438' W/ 70 SX, CLEAN OUT TO 437'  
170' - 437' W/ 30 SX, CLEAN OUT TO 436'

TOC CALC @ 1959'

3RD STG CMT W/ 250 SX 50/50 + 6% GEL  
DV TOOL @ 3274'

7 7/8" OH

TOC CALC @ 4518'

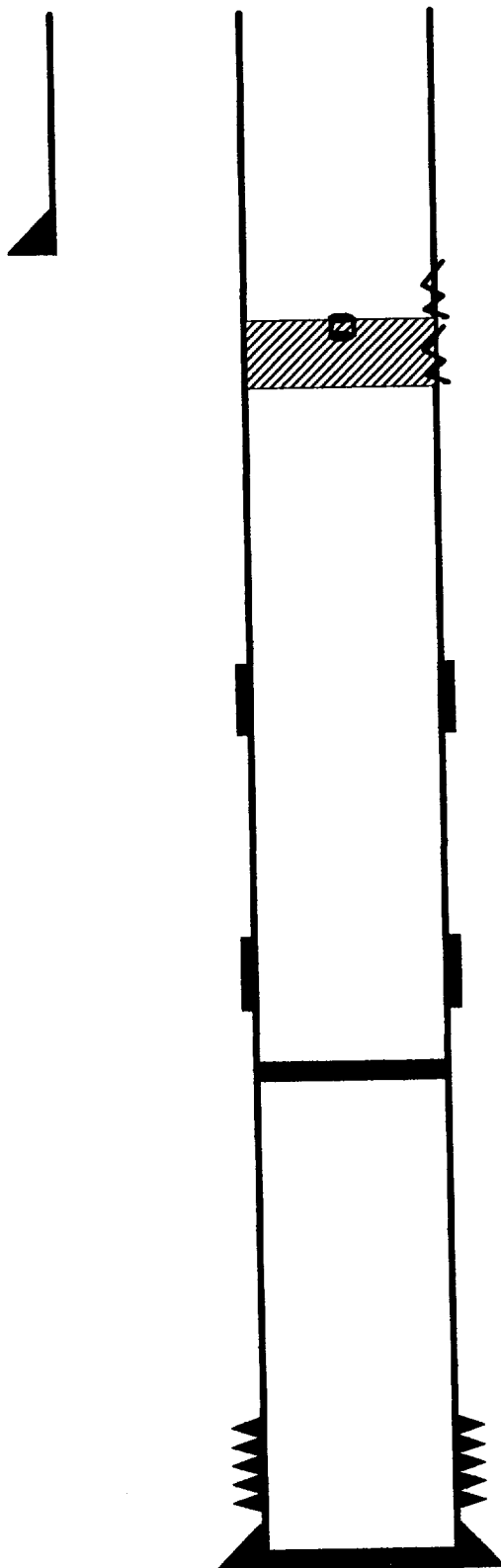
2ND STG CMT W/ 200 SX 50/50 + 8% GEL  
DV TOOL @ 5572'

CIBP @ 6000'

TOC CALC @ 6919'

PERFORATIONS @ 7533' - 7687'

4 1/2", 10.5# & 11.6# @ 7762'  
1ST STG CMT W/ 160 SX +2% GEL



**SJ 29-6 #91**  
**DAKOTA**  
**PURPOSED**  
**SEC. 21, T29N, R6W**  
**RIO ARRIBA, NM**

SHOE @ 309'

NACIMIENTO @ 1015'

OJO ALAMO @ 2384'

KIRTLAND @ 2579'

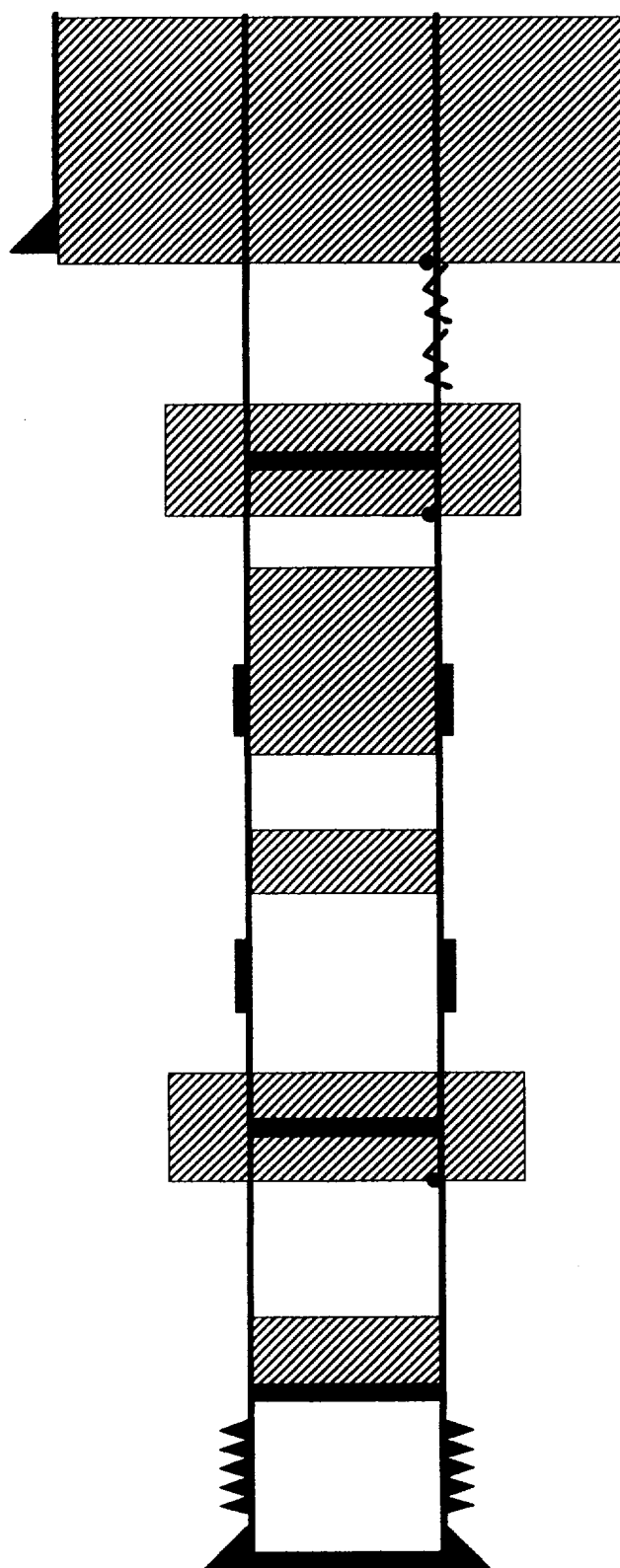
FRUITLAND @ 3080'

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GALLUP @ 6480'

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**PLUG #6 (0' - 359'), CMT W/ 112 SX**

12 1/4" OH

8 5/8", 24# @ 309'. CMT W/ 175 SX  
CIRCULATED

**PERFORATE @ 359'**

**BAD CASING 360' - 368'**  
**FISH @ 436' - 437' & TOC @ 436'**  
**BAD CASING 630' - 642'**  
**SQUEEZE JOBS IN MAY 2001 W/ 875 SX**

**PLUG #5 (965' - 1065'), CMT W/ 51 SX**

**RETAINER @ 1015'**

**PERFORATE @ 1065'**

**TOC CALC @ 1959'**

**PLUG #4 (2334' - 3300'), CMT W/ 78 SX**

**3RD STG CMT W/ 250 SX 50/50 + 6% GEL**  
**DV TOOL @ 3274'**

7 7/8" OH

**TOC CALC @ 4518'**

**PLUG #3 (5363' - 5463'), CMT W/ 12 SX**

**2ND STG CMT W/ 200 SX 50/50 + 8% GEL**  
**DV TOOL @ 5572'**

**PLUG #2 (6430' - 6530'), CMT W/ 51 SX**

**RETAINER @ 6480'**  
**PERFORATE @ 6530'**

**TOC CALC @ 6919'**

**PLUG #1 (7383' - 7483'), CMT W/ 8 SX**

**CIBP @ 7483'**

**PERFORATIONS @ 7533' - 7687'**

**4 1/2", 10.5# & 11.6# @ 7762'**  
**1ST STG CMT W/ 160 SX +2% GEL**