

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Sundry Notices and Reports on Wells

1. Type of Well  
Gas

2. Name of Operator  
Phillips Petroleum Company

3. Address & Phone No. of Operator  
5525 Highway 64, NBU 3004, Farmington, NM 887401 505-599-3435

4. Location of Well, Footage, Sec., T, R, M  
600' FSL and 660' FWL Sec. 19, T-30-N, R-5-W, NMPM

5. Lease Number  
SF 078740  
6. If Indian, All. or  
Tribe Name  
N/A  
7. Unit Agreement Name  
N/A  
8. Well Name & Number  
SJ 30-5 Unit NP #6  
9. API Well No.  
30-039-07786  
10. Field and Pool  
Blanco Mesaverde  
11. County & State  
Rio Arriba County, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

RECEIVED  
JUN - 5 1997

OIL CON. DIV.  
DIST. 3

Phillips Petroleum Company re-entered this well and then re-plugged it on May 12, 1997 per the attached Plug & Abandonment report.

14. I hereby certify that the foregoing is true and correct.

Signed Richard Allred Title Production Superintendent Date 5/29/97  
Richard Allred

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title \_\_\_\_\_ Date JUN - 3 1997  
CONDITION OF APPROVAL, if any:

NMOCD

# A - PLUS WELL SERVICE, INC.

P.O. BOX 1979  
FARMINGTON, NM 87499  
505-325-2627 • FAX: 505-325-1211

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## Phillips Petroleum Company

600' FSL, 660' FWL, Sec. 19, T-30-N, R-5-W  
Rio Arriba County, NM.  
SF-078740

May 21, 1997

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## Plug & Abandonment Report

### Cementing Summary:

**Plug #1** with 58 sxs Class B cement inside 8-5/8" casing from 4820' to 4620' to isolate Mesaverde formation.

**Plug #2** with 145 sxs Class B cement with 2% CaCl<sub>2</sub> inside casing from 3263' to 2763' to cover Pictured Cliffs and Fruitland tops.

**Plug #3&4** with retainer at 2501', mix and spot 200 sxs Class B cement (100% excess) inside casing above retainer to 1812' to cover Kirtland and Ojo Alamo tops.

**Plug #5** a block squeeze with retainer at 976', mix and pump 93 sxs Class B cement, squeeze 48 sxs below retainer and outside 8-5/8" casing from 1030' to 930'; sting out of retainer and spot 45 sxs above retainer to 821'.

**Plug #6** with retainer at 336', mix 189 sxs Class B cement squeeze 88 sxs under and outside 8-5/8" casing and then spot 101 sxs above retainer to surface, circulate good cement.

**Plug #6b** mix and pump 27 sxs Class B cement down 8-5/8" with good cement returns out 8-5/8" x 13-3/8" annulus at surface.

### Plugging Summary:

Notified BLM and NMOCD 4/30/97

4-29-97 Road rig and equipment to location. Unable to spot rig due to big cellar. SDFD.

4-30-97 Safety Meeting. RU rig and equipment. Attempt to remove P&A marker pulling 40,000#, would not come free. RU A-Plus wireline truck and wrap marker with 320 grain string shot. Shoot then pull 45,000#, not free. Wrap marker with 480 grain string shot and shoot; pull 45,000#, still not free. RU drilling equipment. Pick up 3-7/8" drag bit, sub and one joint 2-3/8" tubing. Drill down inside of 4-1/2" P&A marker to 26'. RD drilling equipment. RIH with collar locator and found marker to be 9' long, 4' of cement on outside of marker. Pull, not free. Run inside marker with 480 grain string shot; shoot and then work marker free by pulling 30,000#. LD marker. Attempt to NU BOP; found casing head to be 10" and too small for 11" BOP. SDFD.

5-1-97 Safety meeting. NU change over spool and 11" BOP. RU drilling equipment. Pick up 7-7/8" bit, sub and 3-1/8" drill collar. Start drilling at 4'. Drill out of cement at 54'. Run total of 6 collars with swivel to 178'; did not tag cement. RD drilling equipment and RU tubing equipment. PU and RIH with 2-7/8" tubing work string; found cement at 987'. RU drilling equipment. Start drilling at 987' and drill out of cement at 1050', total 63' of cement. RIH with tubing using swivel to 1221', no cement. RD drilling equipment. RIH with tubing to 1419' and stack out. RU drilling equipment. Start drilling at 1419' and drill down to 1463'. Circulate well clean and pull up 40'. Shut in well and SDFD.

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May 21, 1997  
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## **Plug & Abandonment Report**

### **Plugging Summary Continued:**

- 5-2-97 Safety Meeting. Start drilling at 1463' and drill out of cement at 1725', drilled total of 306' cement. RIH with tubing using swivel to 1865'; no cement. Well kicked off and unload gas and 10 bbls of water in 2 minutes. Circulate well clean. Shut in well and SDFD.
- 5-5-97 Safety Meeting. RD swivel. RIH with tubing and tag cement at 2238'. Pick up swivel. Start drilling at 2238' and drill out of cement at 2478', drilled total 240' cement. Continue to RIH with tubing using swivel to 2539'; no cement. Circulate well clean. RD swivel. RIH with tubing to 2768' and tag cement. Pick up swivel. Start drilling at 2768' and drill to 2870'. Circulate well clean. SI well and SDFD.
- 5-6-97 Safety Meeting. Start drilling at 2870' and drill out of cement at 3043', lost returns for 15 minutes, regained after pumping 35 bbls water. Drilled total of 280' cement. RIH with tubing using swivel to 3115' no cement. Circulate well, some gas. RIH with tubing to 4756' and tag cement. Pick up swivel. Start drilling at 4756' and drill down to 4835'. Well kicked off hard; blow well to pit. Unable to shut in casing; well would blow around 8-5/8" casing and out 13-3/8" annulus. Kill and circulate well with 350 bbls water. Shut in well. SDFD.
- 5-7-97 Safety Meeting. Procedure approved by BLM and OCD to quit drilling cement and to plug well. RD drilling equipment and RU cement equipment. Load casing with 50 bbls water. Plug #1 with 58 sxs Class B cement inside 8-5/8" casing from 4820' to 4620' to isolate Mesaverde formation. POH with tubing and collars. RU Blue Jet wireline and RIH; tag cement at 4655'. Run CBL log from 4655' to above 1<sup>st</sup> stage TOC at 4570'. Then ran CBL from 3500' to 400'; good bond from DV tool at 3415' to TOC at 2240'; free pipe from 2240' to surface. RD Blue Jet. Shut in well. SDFD.
- 5-8-97 Safety Meeting. RIH with tubing to 3263' and load casing with 40 bbls water. Using revised formation tops. Plug #2 with 145 sxs Class B cement with 2% CaCl<sub>2</sub> inside casing from 3263' to 2763' to cover Pictured Cliffs and Fruitland tops. POH and WOC cement. RIH and tag cement at 2792'. RU A-Plus wireline truck. Perforate 6 HSC squeeze holes at 2550'. Set 8-5/8" wireline cement retainer at 2501'. Sting into retainer at 2501'. Attempt to establish rate into squeeze holes; pump 1 bbl water and tubing pressured up to 1800#. Sting out of retainer. Procedure change approved NMOCD and BLM to combine plugs. Plug #3 & 4 with retainer at 2501', mix and spot 200 sxs Class B cement (100% excess) inside casing above retainer to 1812' to cover Kirtland and Ojo Alamo tops. POH with tubing. Shut in well. SDFD.

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## **Plug & Abandonment Report**

### **Plugging Summary Continued:**

5-9-97 Safety Meeting. Load casing with 11 bbls water; establish circulation out 13-3/8" casing with 1/4 bbl water and no pressure. RU A-Plus wireline truck. RIH and tag cement at 2009'. Perforate 4 HSC squeeze holes at 1030'. Set 8-5/8" wireline cement retainer at 976'. Sting into retainer at 976'. Establish rate into squeeze holes 3/4 bpm at 1400#. Wait on orders from NMOCD and BLM. POH with tubing and stinger. Perforate 4 HSC squeeze holes at 930' for a block squeeze. Sting into retainer at 976'. Establish rate into squeeze holes at 1030' and out squeeze holes at 930' with 1-1/2 bpm at 800#. Plug #5 a block squeeze with retainer at 976', mix and pump 93 sxs Class B cement, squeeze 48 sxs below retainer and outside 8-5/8" casing from 1030' to 930'; sting out of retainer and spot 45 sxs above retainer to 821'. POH with tubing. Shut in well and WOC. Clean out rig pit. SDFD.

5-12-97 Safety Meeting. RIH with collars; the POH and LD collars. RU A-Plus wireline truck and RIH; tag cement at 683'. Perforate 4 squeeze holes at 414'. Set 8-5/8" Baker wireline cement retainer at 336'. Sting into retainer at 336'. Establish rate into squeeze holes 1-1/2 bpm at 800#. Pump 80 bbls water down casing; no circulation or blow to surface. Plug #6 with retainer at 336', mix 189 sxs Class B cement squeeze 88 sxs under and outside 8-5/8" casing and then spot 101 sxs above retainer to surface, circulate good cement. POH and LD tubing and stinger. Plug #6b mix and pump 27 sxs Class B cement down 8-5/8" with good cement returns out 8-5/8" x 13-3/8" annulus at surface. Shut in well and WOC. Dig out wellhead and open up well. ND BOP and flanges. Cut off wellhead; found cement at surface. Mix 10 sxs Class B cement and install P&A marker. RD rig and equipment; move off location.

J. Robinson with NMOCD & R. Snow with BLM were on location.