

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or recomplete to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Phillips Petroleum Company

3. Address and Telephone No.

5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit B...878' FNL & 1328' FEL figs sk - 400 - 200
Section 3, T31N, R9W

5. Lease Designation and Serial No.

SF-080133

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

San Juan 31 Fed 3

8. Well Name and No.

SJ 31 Fed 3 #1

9. API Well No.

30-045-29235

10. Field and Pool, or exploratory Area

Basin Fruitland Coal

11. County or Parish, State

San Juan, NM

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

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other APD changes
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

Plans are to deepen this well to 3532' (100' below the base of the coal). By doing this we will be able to install a PC Pump to help lift water more effectively. We will be using a 15.5# 5-1/2" liner instead of the 20# 5-1/2" liner indicated in the original APD. Also, a 5-1/2" Baker External Casing Packer (ECP) will be seated at the base of the coal. The packer element will be inflated internally with cement to insure a permanent seal. This will isolate the Pictured Cliffs interval from the Fruitland Coal.

Attached find a new mud program and plans for cathodic protection for this well:

RECEIVED
FEB 27 1998

OIL CON. DIV.
DIST. 3

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

Signed *Patsy Clugston*

Title Regulatory Assistant

Date 2-23-98

(This space for Federal or State office use)

Approved by *ROBERT MASON*

Title

Date

Conditions of approval, if any:

FEB 24 1998

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.

* See Instruction on Reverse Side

NMOC

SJ 31 Fed 3 #1
SF-080133; Unit B, 8788' FNL & 1328' FEL
Section 3, T31N, R9W; San Juan County, NM

Cathodic Protection

Phillips proposes to drill a cathodic protection deep well groundbed for the subject well. Will drill a 6-7/8" hole to an anticipated minimum depth of 300' (maximum depth of 500'). Cement plugs will not be used unless more than one water zone is encountered. Prior drilling history for the area indicates only one zone to that depth. If more than one water zone is encountered, notification will be made and details of cement and casing will be provided.

All drilling activity will remain on existing well pad and "Tierra Dynamic Company" of Farmington will be doing the drilling for Phillips.

PROPOSED MUD PROGRAM

SAN JUAN 31 Fed 3

Well No. 1

San Juan County, NM

DEPTH	MUD WEIGHT	VISCOSITY	FLUID LOSS	CL-PPM	% SOLIDS	ADDITIVES
0 - 350' +/-	Spud Mud Lime and Gel	-	-	-	-	Bentonite & Lime
350' +/- to 3210' +/- (top of coal)	8.34 - 8.8 ppg	27 - 40 Sec/Qt	NC	1200 PPM	-	Water & Polymer
3210' to TD	8.34 PPG	27 Sec/Qt	-	-	-	Water

350' - 3210' +/- Clear water with Polymer sweeps as required to keep hole conditioned.

3210' - TD Circulate hole with produced water and air.

Note: Estimated BHP is 600 psi