

Form 3160-5  
(June 1990)

N. M. OIL CONG. COMMISSION  
P. O. BOX 1980  
HOBBS, NEW MEXICO 88240  
**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 reentry 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.

4001 Penbrook St., Odessa, Texas 79762

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

1980' FNL & 1980' FEL of Sec. 18, T-8-S, R-33-E  
TANK BATTERY: UNIT F, Sec. 18, T-8-S, R-33-E

5. Lease Designation and Serial No.

NM 0174830

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Davis N#6

9. API Well No.

30-005-20848

10. Field and Pool, or Exploratory Area

Chaveroo-San Andres

11. County or Parish, State

Chaves Co. 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**

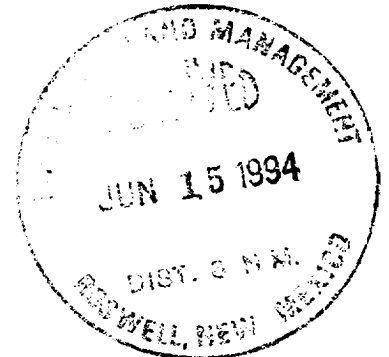
- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Onshore Order #7
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(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.)

Producing Formation - San Andres

Well producing approx. 6 BWPD which is stored in a 500 bbl. steel tank and then piped to Dakota Resources disposal well, Tobac SWD #G-16, Permit #SWD 060, which is located SW/4, NE/4 Sec. 16, T-8-S, R-33-E.



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

Signed

Title Supervisor, Regulatory Affairs Date 6/10/94

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

APPROVED  
PETER W. CHESTER  
Date

JUN 16 1994

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 representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

BUREAU OF LAND MANAGEMENT  
ROSWELL RESOURCE AREA



RECEIVED

JUN 15 1994

JUN 15 1994

GP.O.BOX 2187  
HOBBS, N.M. 88240

PHONE: (505) 393-7726

## WATER ANALYSIS REPORT

Report for: Dan Williamson  
cc: Pat Culpepper  
cc: Scott Malone  
cc:  
Company: Phillips  
Address:  
Service Engineer: Kenny KearneyDate sampled: 05/17/94  
Date reported: 05/23/94  
Lease or well #: Davis "N" Fed.  
County: State:  
Formation: Heater @ Batt.  
Depth:  
Submitted by: Kenny Kearney

CHEMICAL COMPOSITION :	mg/L	meq/L
Chloride (Cl)	128000	3611
Iron (Fe) (total)	1.0	
Total hardness	39500	
Calcium (Ca)	10827	540
Magnesium (Mg)	3037	244
Bicarbonates (HCO3)	573	9
Carbonates (CO3)	0	
Sulfates (SO4)	1344	28
Hydrogen sulfide (H2S)	106	
Carbon dioxide (CO2)	579	
Sodium (Na)	65871	2864
Total dissolved solids	209654	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	
Specific Gravity	1.149	
Density (#/gal.)	9.575	
pH	5.500	
IONIC STRENGTH	4.05	

Stiff-Davis (CaCO3) Stability Index :  
SI = pH - pCa - pAlk - KSI @ 86 F = +0.34  
104 F = +0.57  
122 F = +0.83  
140 F = +1.12  
158 F = +1.44This water is 292 mg/l ( 18.09%) over ITS CALCULATED  
CaSO4 saturation value at 82 F.  
SATURATION= 1614 mg/L PRESENT= 1906 mg/LREPORTED BY ROBERT C MIDDLETON  
TECHNICAL SERVICES REPRESENTATIVE