

**B. & R.
SERVICE, INC.**

TEMPERATURE SURVEY

COMPANY EL PASO NATURAL GAS COMPANY
WELL #229 DAKOTA FIELD HUERFANO UNIT
COUNTY SAN JUAN STATE NEW MEXICO
SEC. SE 8 TWP. 26 N RGE. 10 W

APPROX. TOP CEMENT 1475'

Survey Begins at 1000' Ft. Ends at 2349' Ft.
Approx. Fill-Up _____ Max. Temp. 96° @ 2349'
Log Measured From R. T. Run No. 1

Casing Size	Casing Depth	Diam of Hole	Depth
<u>4 1/2" from</u>	<u>to 6943'</u>	<u>7 1/2" from</u>	<u>to</u>
<u>from</u>	<u>to</u>	<u>from</u>	<u>to</u>

Date of Cementing 4-27-72 Time 8:15 PM
Date of Survey 4-28-72 Time 4:00 AM

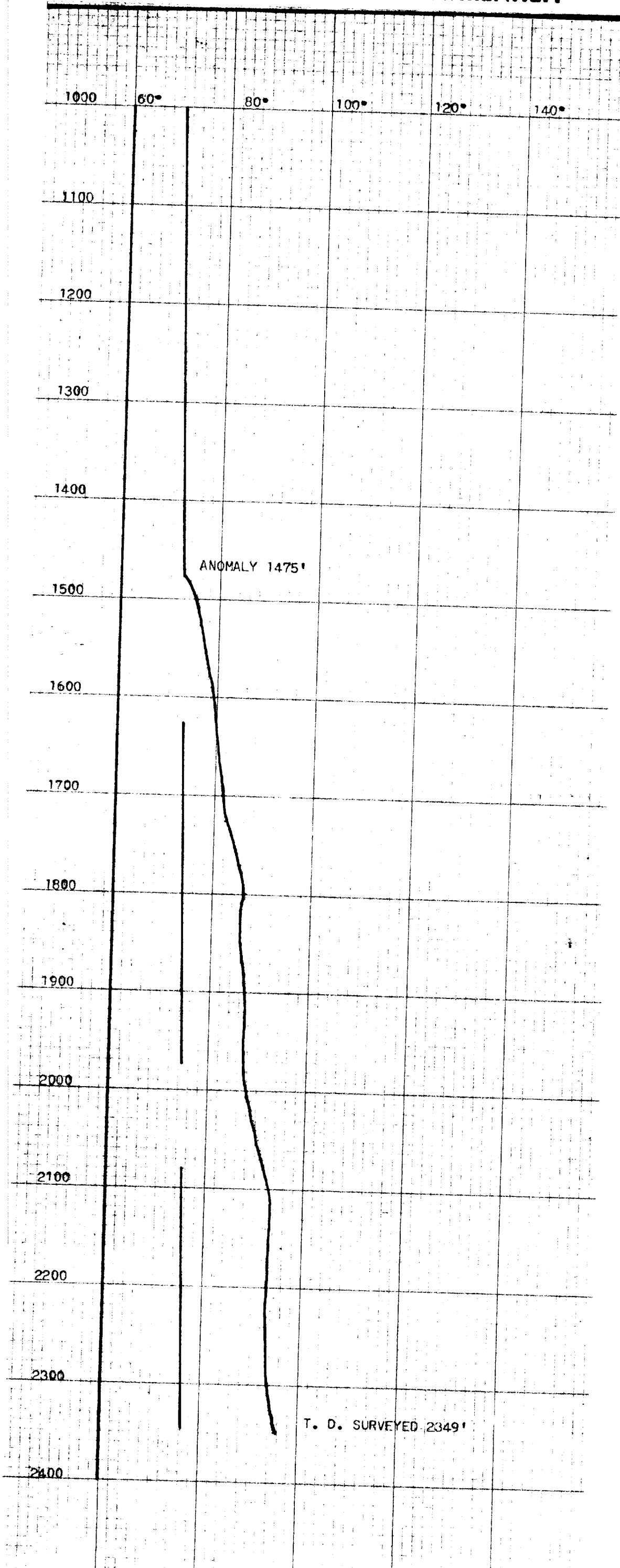
Amount of Cement THIRD STAGE 151 SX 65/35 C.C. PER W/10 % GR.
(387 cu. ft.)

Recorded by SMITH Witnessed by RECEIVED

REMARKS OR OTHER DATA

MAY 2 1972
OIL CON. COM.
DIST. 3

TEMPERATURE IN DEGREES FAHRENHEIT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF 080895

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

Huerfano Unit

8. FARM OR LEASE NAME

Huerfano Unit

9. WELL NO.

229

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 5, T-26-N, R-10-W
NMPM

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6644'GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

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

17. 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.)*

4-15-72 Spud well. Drilled surface hole. Ran 7 joints 8 5/8", 24. #, KS surface casing, 215' set at 228'. Cemented with 177 cu. ft. cement. Circulated to surface. WOC 12 hours, held 600#/30 minutes.

4-27-72 T.D. 6944'. Ran 215 joints 4 1/2", 10.5#, KE production casing, 6931' set at 6944'. Float collar set at 6931'. Stage tools set at 4882' and 2378'. First stage cemented with 346 cu. ft. cement, second stage with 364 cu. ft. cement and third stage with 387 cu. ft. cement. WOC 18 hours. top of cement at 1475'.

4-28-72 PBTD 6931'. Perf'd 6714-20', 6752-58', 6768-76', 6816-28', 6876-82' with 18 shots per zone. Fraced with 56,000# 40/60 sand and 55,000 gallons treated water. Dropped 3 sets of 18 balls each. Flush with 4620 gallons water.

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

SIGNED

[Signature]

TITLE Petroleum Engineer

DATE May 1, 1972

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

