

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

**TEMPERATURE SURVEY**

COMPANY.....EL PASO NATURAL GAS COMPANY.....  
WELL.....# 5.....LEASE.....GRAMBLING "A"  
COUNTY.....SAN JUAN.....STATE.....NEW MEXICO  
SEC.....NW 21.....TWP.....28 N.....RGE.....8 W

APPROX. TOP CEMENT.....1380'

Survey Begins at.....1000'.....Ft. Ends at.....2343'.....Ft.  
Approx. Fill-Up.....Max. Temp. 108° @ 2343'  
Log Measured From.....K.B.....Run No. 1

Casing Size	Casing Depth	Diam of Hole	Depth
2 7/8" from	to 2355'	6 1/2" from	to
from	to	from	to

Date of Cementing.....12-17-72.....Time.....1:00 PM  
Date of Survey.....12-18-72.....Time.....1:00 AM  
Amount of Cement.....110 sx 65/35 CL C Poz W/10% GEL & 50 sx CL C  
NEAT

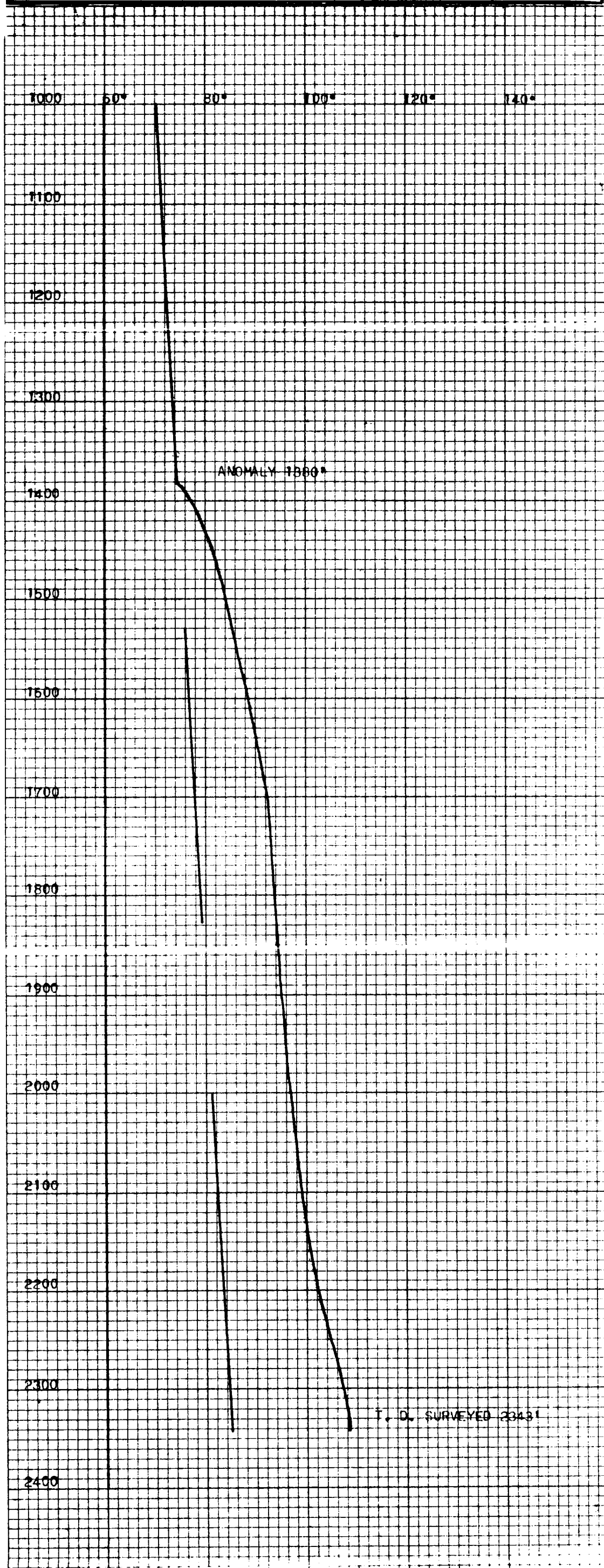
Recorded by.....BEAN.....Witnessed by.....

REMARKS OR OTHER DATA

JAN 2 1973

OIL CON. COM.  
DIST. 3

TEMPERATURE IN DEGREES FAHRENHEIT



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 013861

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Grambling A

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

So. Blanco Pictured Cliffs

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREASec. 21, T-28-N, R-8-W  
NMMP

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

## 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.)1. OIL ☐ GAS ☒ OTHER ☐  
WELL WELL

2. NAME OF OPERATOR

El Paso Natural Gas Company

3. ADDRESS OF OPERATOR

PO Box 990, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1800'N, 1550'W

14. PERMIT NO.

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

5753'GL

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

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☒FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion 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 perti-  
nent to this work.)\*

12-11-72 Tested surface casing, held 600#/30 minutes.

12-17-72 T.D. 2355'. Ran 76 joints 2 7/8", 6.4#, J-55 production casing, 2344' set at  
2355'. Baffle set at 2355'. Cemented with 341 cu. ft. cement. WOC 18 hours.  
Top of cement at 1380'.4-9-73 PBTD 2345'. Tested production casing, held 4000#. Perf'd 2160-72', 2182-94'  
and 2212-24' with 30 shots per zone. Frac'd with 34,000# 10/20 sand and  
34,000 gallons treated water. Dropped two sets of 30 balls each. Flushed  
with 550 gallons.

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

SIGNED

TITLE Petroleum Engineer

DATE April 12, 1973

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

\*See Instructions on Reverse Side