

WILSON

FORM 432-2

SERVICE COMPANY

TEMPERATURE SURVEY

COMPANY

El Paso Natural Gas Co.

WELL

5A

LEASE

Hardie

COUNTY

San Juan

STATE

New Mexico

SEC.

D

TWP.

RGE.

APPROX. TOP CEMENT

2150'

Survey Begins at

1500'

Ft. Ends at

3620'

Ft.

Approx. Fill-Up

Max. Temp.

Log Measured From

KB

Run No.

1

Casing Size

7"

from

to

Casing Depth

3 1/4"

Diam of Hole

8 1/4"

from

to

Depth

Date of Cementing

12/10/78

Time

7:30 PM

Date of Survey

12/11/78

Time

3:30 AM

Amount of Cement

116 Scks Class B 65/35 Poz w/6% Gel + 2% CACL + 100 Scks Class B Neat w/2% CACL.

Recorded by

Williams

Witnessed by

REMARKS OR OTHER DATA

None.

TEMPERATURE IN DEGREES FAHRENHEIT

The graph displays a temperature profile for a well. The vertical axis represents depth in feet, ranging from 1500' at the top to 3620' at the bottom, with major grid lines every 100 feet and minor grid lines every 20 feet. The horizontal axis represents temperature in degrees Fahrenheit, ranging from 80 to 140, with major grid lines every 20 degrees and minor grid lines every 4 degrees. A single data curve is plotted, starting at approximately 1500' depth and 82°F. The temperature remains relatively constant until about 2150' depth, where it begins to rise. At 2200' depth, the temperature is approximately 100°F. The curve continues to rise, reaching approximately 130°F at 3620' depth. A handwritten note 'Approx 2150'' is written near the curve at the 2150' depth mark. At the bottom of the graph, near the 3620' depth mark, there is a handwritten note '19 Surveyed at 3620'.

Depth (Feet)	Temperature (°F)
1500	82
1600	82
1700	82
1800	82
1900	82
2000	82
2100	82
2150	82
2200	100
2300	105
2400	110
2500	115
2600	120
2700	125
2800	128
2900	130
3000	132
3100	134
3200	136
3300	138
3400	139
3500	140
3620	130