



## CEMENTING REPORT

FIL. NO. MS-26-4123Report Date 27 Feb 96Operator SDX Requested By: \_\_\_\_\_Lease No CONE #42 Service Point HNMLocation L.P. n1m Type of Job SURFACE

## Test Conditions:

Depth 400 ft., Temp Grad \_\_\_\_\_, BHST 90 °F, BHGT 85 °F

| Properties:  | Density<br>(ppg) | Yield<br>(cu ft/sk) | Mix Water<br>(gal/sk) | Total Liquid<br>(gal/sk) | Water<br>Source | Cement<br>Source |
|--------------|------------------|---------------------|-----------------------|--------------------------|-----------------|------------------|
| System No. 1 | <u>14.8</u>      | <u>1.34</u>         | <u>6.30</u>           | <u>6.30</u>              | <u>LOC</u>      | <u>C</u>         |
| System No. 2 |                  |                     |                       |                          |                 |                  |
| System No. 3 |                  |                     |                       |                          |                 |                  |
| System No. 4 |                  |                     |                       |                          |                 |                  |

## Cement System Compositions:

System No. 1 C + 2% SI + 1/4 PPS D29

System No. 2 \_\_\_\_\_

System No. 3 \_\_\_\_\_

System No. 4 \_\_\_\_\_

## Thickening Time Results

## Rheology Results

| SYSTEM | 11A.MIN | 20 | 300 | 600 | 100 | 60 | 30 | 0 | 0 | PV (cp) | Y (cp) | RHEOLOGY<br>MODEL | I.O.D. |
|--------|---------|----|-----|-----|-----|----|----|---|---|---------|--------|-------------------|--------|
| No. 1  |         |    |     |     |     |    |    |   |   |         |        |                   |        |
| No. 2  |         |    |     |     |     |    |    |   |   |         |        |                   |        |
| No. 3  |         |    |     |     |     |    |    |   |   |         |        |                   |        |
| No. 4  |         |    |     |     |     |    |    |   |   |         |        |                   |        |
|        |         |    |     |     |     |    |    |   |   |         |        |                   |        |
|        |         |    |     |     |     |    |    |   |   |         |        |                   |        |

## Compressive Strengths (psi)

| SYSTEM | TEMP         | 6 HRS.     | 12 HRS      | 24 HRS      |
|--------|--------------|------------|-------------|-------------|
| No. 1  | <u>90 °F</u> | <u>610</u> | <u>1390</u> | <u>1875</u> |
| No. 2  | °F           |            |             |             |
| No. 2  | °F           |            |             |             |
| No. 3  | °F           |            |             |             |
| No. 3  | °F           |            |             |             |
| No. 4  | °F           |            |             |             |
| No. 4  | °F           |            |             |             |

## FLUID LOSS

## FREE WATER

| SYSTEM | °F        | psi | °F |
|--------|-----------|-----|----|
|        | ml/30 min |     | ml |
| No. 1  |           |     |    |
| No. 2  |           |     |    |
| No. 3  |           |     |    |
| No. 4  |           |     |    |

## Remarks

Compressive strength data