

**DRILLING FLUIDS PRODUCT DATA**
**Product Description:**
***PAC H.V.***

PAC H.V is high molecular weight poly anionic cellulose, provides filtration control and supplementary viscosity. It could be used in fresh water to salt saturated waters.

**Application:**

- Filtration control.
- Viscifier.
- Retard shale swelling.

**Typical Physical Properties:**

| <b>MUD COMPOSITION</b>  |          |          |          |       |
|-------------------------|----------|----------|----------|-------|
| <b>COMPOSITION</b>      | <b>1</b> | <b>2</b> | <b>3</b> |       |
| FW                      | ML       | 350      | -        | 259   |
| S.S.W                   | ML       | -        | 350      | -     |
| PAC HV                  | GR       | 4        | 4        | 4     |
| CaCl <sub>2</sub> (POW) | GR       | -        | -        | 202   |
| LIME (SOL)              | DROP     | Few      | Few      | Few   |
| pH                      |          | 9-9.5    | 9-9.5    | 9-9.5 |
| MW                      | PCF      | 62.4     | 75       | 82+   |

| <b>TEST RESULTS AFTER ROLLING AT 250 °F FOR 4 HRS.<br/>READING RHEOLOGY AT 140 °F</b> |                        |            |            |     |
|---|------------------------|------------|------------|-----|
| <b>RESULTS</b>  | <b>REQ</b>             | <b>REQ</b> | <b>REQ</b> |     |
| APP. VIS  | CPS                    | 50         | 50         | 70  |
| Y.P   | LBS/100FT <sup>2</sup> | 40         | 30         | 35  |
| GEL S. 10 Sec/10 min  | LBS/100FT <sup>2</sup> | 3/5        | 3/4        | 3/5 |
| pH  |                        | 8.6        | 9          | 7.4 |
| API. W.L  | ML                     | 25         | 15         | 7   |
| SETTLING  |                        | NIL        | NIL        | NIL |

PAC H.V. Continue:

**Recommended Treatment:**

0.5 – 3 lb/bbl.

**Source:**

KPA

**Packaging:**

25 Kg kraft bags with PE liner, palletized and shrink-wrapped.  
Marked on: *Name of manufacturer, Batch No. and Production date.*

**Safety Handling:**

- Non – toxic.
- Keep in dry and sheltered place.

