



WIRELINE SERVICES  
GEARHART-OWEN

# COMPENSATED DENSITY LOG

FILING NO.

Well  
File

COMPANY DUGAN PRODUCTION CORPORATION

WELL MOLLY PITCHER NO. 1 E

FIELD BASIN DAKOTA

COUNTY SAN JUAN STATE NEW MEXICO

Location: 1850'FSL x 790'FEL

Other Services:

IEL

Sec. 14 Twp. 30N Rge. 14W

Permanent Datum: GROUND LEVEL; Elev.: 5996

g Measured from K.B., 12 Ft. Above Perm. Datum

iling Measured From K.B.

Elev.: K.B. 6008

D.F. 6007

G.L. 5996

|                      |               |      |    |   |    |
|----------------------|---------------|------|----|---|----|
| te                   | 10-8-79       |      |    |   |    |
| n No.                | One           |      |    |   |    |
| pth-Driller          | 6600          |      |    |   |    |
| pth-Logger           | 6587          |      |    |   |    |
| ttom logged interval | 6586          |      |    |   |    |
| p logged interval    | 1190          |      |    |   |    |
| pe fluid in hole     | GEL           |      |    |   |    |
| nsity                | 9.0           | 52   |    |   |    |
| Fluid Loss           | 9.0           | 15.6 |    |   |    |
| urce of Samples      | Mud Pit       |      |    |   |    |
| i @ Meas. Temp.      | 5.8 @ 66 °F   | @    | °F | @ | °F |
| if @ Meas. Temp.     | 5.2 @ 63 °F   | @    | °F | @ | °F |
| ic @ Meas. Temp.     | 2.9 @ 63 °F   | @    | °F | @ | °F |
| urce Rmf             | M             | M    |    |   |    |
| x rec. temp., deg F. | 162 °F        |      | °F |   | °F |
| End Circulation      | 400           |      |    |   |    |
| Logger on Bottom     | 1100          |      |    |   |    |
| orded By             | DEWITT        |      |    |   |    |
| nessed By            | MR. FAGRELIUS |      |    |   |    |

| In | Bore-Hole Record |        |         |      | Casing Record |      |         |     |
|----|------------------|--------|---------|------|---------------|------|---------|-----|
|    | Level            | Bit    | From    | To   | Size          | Wgt. | From    | To  |
| e  |                  | 12 1/4 | Surface | 211  | 8 5/8         | 24   | Surface | 211 |
| e  |                  | 7 7/8  | 211     | 6600 |               |      |         |     |
|    |                  |        |         |      |               |      |         |     |

FORM 574



WIRELINE SERVICES  
GEARHART-OWEN

# INDUCTION ELECTRICAL LOG

FILING NO.

COMPANY DUGAN PRODUCTION CORPORATION

WELL MOLLY PITCHER NO. 1 E

FIELD BASIN DAKOTA

COUNTY SAN JUAN STATE NEW MEXICO

LOCATION: 1850' FSL x 790' FEL

Other Services  
CDL/GR

SEC 14 TWP 30N RGE 14W

Permanent Datum GROUND LEVEL Elev. 5996

Log Measured from K.B., 12 Ft. Above Permanent Datum

Drilling Measured from K.B.

Elevations:  
KB 6008  
DF 6007  
GL 5996

|                         |                           |      |      |      |             |
|-------------------------|---------------------------|------|------|------|-------------|
| Date                    | <u>10-8-79</u>            |      |      |      | <u>6311</u> |
| Run No.                 | <u>One</u>                |      |      |      | <u>6008</u> |
| Depth-Driller           | <u>6600</u>               |      |      |      | <u>-303</u> |
| Depth-Logger            | <u>6591</u>               |      |      |      |             |
| Bottom Logged Interval  | <u>6590</u>               |      |      |      |             |
| Top Logged Interval     | <u>206</u>                |      |      |      |             |
| Casing-Driller          | <u>8 5/8 @ 211</u>        | @    | @    | @    |             |
| Casing-Logger           | <u>206</u>                |      |      |      |             |
| Bit Size                | <u>7 7/8</u>              |      |      |      |             |
| Type Fluid in Hole      | <u>GEL</u>                |      |      |      |             |
| Density and Viscosity   | <u>9.0</u> <u>52</u>      |      |      |      |             |
| pH and Fluid Loss       | <u>9.0</u> <u>15.6cc</u>  | cc   | cc   | cc   | cc          |
| Source of Sample        | <u>Mud Pit</u>            |      |      |      |             |
| Rm @ Meas. Temp.        | <u>5.8 @ 66 °F</u>        | @ °F | @ °F | @ °F | @ °F        |
| Rmf @ Meas. Temp.       | <u>2.2 @ 63 °F</u>        | @ °F | @ °F | @ °F | @ °F        |
| Rmc @ Meas. Temp.       | <u>2.9 @ 63 °F</u>        | @ °F | @ °F | @ °F | @ °F        |
| Source at Rmf and Rmc   | <u>M</u> <u>M</u>         |      |      |      |             |
| Rm @ BHT                | <u>4.1 @ 162 °F</u>       | @ °F | @ °F | @ °F | @ °F        |
| Time                    |                           |      |      |      |             |
| End Circulation         | <u>4:00</u>               |      |      |      |             |
| Logger on Bottom        | <u>11:00</u>              |      |      |      |             |
| Max. Rec. Temp. Deg. F. | <u>162 °F</u>             | °F   | °F   | °F   | °F          |
| Equip. No. and Location | <u>7532</u> <u>25-062</u> |      |      |      |             |
| Recorded By             | <u>DEWITT</u>             |      |      |      |             |
| Read By                 | <u>MR. FAGRELIUS</u>      |      |      |      |             |