

AREA MIST  
LOCATION 1666'N & 435'W of S<sub>4</sub> CORN  
Sec 4; T6N; R5W; W8&M  
COUNTY, STATE COLUMBIA COUNTY, OR.  
API# 36-009-00130

LITHOLOGY SYMBOLS  
Legend: Sand, Clay, Silty Sand, Silty Clay, Lignite, Fat, Grease, Salt, Limestone, Chert

REMARKS  
WELL ELEV. GL. 745.1'  
SALINITY IN PPM CL  
FILTRATE IN 'CC/30 MIN.  
GAS TRAP AGITATOR TYPE  
MUD LIGNOSULFONATE  
(BEAVER MUD CO.)  
TAYLOR RIG #5

MUD DATA  
W WEIGHT  
V VISCOSITY  
F FILTRATE  
FC FILTER CAKE  
SD SAND IN %

LEGEND  
CB CORE BIT  
WCB WIRE LINE CB  
OTHER DATA  
TG TRIP GAS  
CG CONNECTION GAS  
C CARBIDE GAS

CASING  
8 5/8" TO 470'  
TO  
TO

DATE 11/18/84 to 11/28/84 DEPTH 45' to 3023' ENGINEERS P. LITTLETON M. PAPAHRONIS

| DEPTH | SAMPLE LITHOLOGY | OIL IN MUD OF CUTTINGS Tr x Fair xx Good xxx V/Gd xxxx   |                            | REMARKS   |
|-------|------------------|--|----------------------------|---|
|       |                  | MUD ANALYSIS   | CUTTING ANALYSIS           |   |
| 00    |                  | TOTAL DITCH GAS<br>PET. VAP. --- BLENDER GAS   | TOTAL GAS<br>PET. VAP. --- |   |
| 00    |                  | 10 20 30 40 50 75 100 125 150 175  | 25 50 75                   |   |
| 100   |                  | CLY, MD GRAY, MOD. FRM.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM.   |                            | URL SURFACE W/<br>12" BIT. MUD W/<br>GEL-WATER MUD. |
| 150   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            | w 8.7<br>v 41                                       |
| 200   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 250   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 300   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 350   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 400   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 450   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 500   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 550   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 600   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 650   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 700   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 750   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 800   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 850   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 900   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 950   |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1000  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1050  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1100  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1150  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1200  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1250  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1300  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1350  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1400  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1450  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1500  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1550  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1600  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1650  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1700  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1750  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1800  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1850  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1900  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 1950  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2000  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2050  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2100  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2150  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2200  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2250  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2300  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2350  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2400  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2450  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2500  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2550  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2600  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2650  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2700  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2750  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2800  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2850  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2900  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 2950  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 3000  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |
| 3023  |                  | CLY, MD GRAY, FRM, INSOL.<br>PLSTC, INSOL; SBN, CLAY;<br>MINOR, SBANG, MINOR, CLAY;<br>SLTSTN, DK GRAY, FRM. |                            |   |