



BJ Services Company

103-08419
CEMENT JOB DETAIL SHEET



01735497

| | | | | | | | | | | | |
|--|--|-------------------------------------|-------------------------|--|------------------------|----------------------------|---------------|-----------|------------------|------------|---------------|
| CUSTOMER CONOCO | | DATE 8-5-96 | F.R.# 398634 | SER. SUP. S. SLAUGH | TYPE JOB REA | | | | | | |
| LEASE & WELL NAME-OCSG FOUNDATION CREEK FWA9 | | LOCATION SEC 3, T45, A10W | | COUNTY-PARISH-BLOCK ANDRACCO | | | | | | | |
| DISTRICT VENAVAL | DRILLING CONTRACTOR RIG # COLOMBO WELL | | OPERATOR SAME | | | | | | | | |
| MATERIAL FURNISHED BY WPS | TYPE OF PLUGS | LIST-CSG-HARDWARE | | SQ MANI FOLD | TOP OF EACH FLUID | PHYSICAL SLURRY PROPERTIES | | | | | |
| | TOP BTM | | | Y N | | SLURRY WGT PPG | SLURRY YLD FT | WATER GPS | PUMP TIME HR-MIN | Bbl SLURRY | Bbl MIX WATER |
| | | | | | | 15.8 | 1.14 | 4.9% | 2.5 | 10.15 | 5.9 |
| | | | | | | 15.8 | 1.14 | 4.9% | 2.5 | 5.07 | 2.95 |
| | | | | | | 15.8 | 1.14 | 4.9% | 2.5 | 3.04 | 1.77 |
| | | | | | | 15.8 | 1.14 | 4.9% | 2.5 | 4.06 | 2.36 |
| | | | | | | 15.8 | 1.14 | 4.9% | 2.5 | 1.01 | .59 |

| | | | |
|-------------------------------------|---------------------------------------|-------|------------------|
| Available Mix Water 160 Bbl. | Available Displ. Fluid 80 Bbl. | TOTAL | 8333/1357 |
|-------------------------------------|---------------------------------------|-------|------------------|

| HOLE | | | TBG-CSG-D.P. | | | TBG-CSG-D.P. | | | COLLAR DEPTHS | | | | |
|------|----------|-------|--------------|------|------|--------------|-------|------|---------------|-------|------|-------|-------|
| SIZE | % EXCESS | DEPTH | SIZE | WGT. | TYPE | DEPTH | SIZE | WGT. | TYPE | DEPTH | SHOE | FLOAT | STAGE |
| ~ | ~ | ~ | 4.5 | 10.5 | J-55 | 2255 | 8 7/8 | 24 | J-55 | - | - | - | - |

| LAST CASING | | | | PKR-CMT RET-BR PL-LINER | | PERF. DEPTH | | TOP CONN | | WELL FLUID | | |
|-------------|-----|------|-------|-------------------------|--|-------------|-----|----------|-------|------------|------|------|
| SIZE | WGT | TYPE | DEPTH | BRAND & TYPE | | DEPTH | TOP | BTM | SIZE | T-THREAD | TYPE | WGT. |
| - | - | - | - | RET | | 2178 | | | 2 3/8 | 8"0 | H2O | 8-3 |

| CAL. DISPL. VOL.-Bbl. | | | | CAL. PSI | | OP. MAX | | MAX TBG PSI | | MAX CSG PSI | | DISPL. FLUID | | WATER |
|-----------------------|-----|-----|-------|-----------|--------|---------|-------|-------------|-------|-------------|------|--------------|--------|-------|
| TBG | CSG | CSG | TOTAL | BUMP PLUG | TO REV | SQ. PSI | RATED | OP. | RATED | OP. | TYPE | WGT. | SOURCE | |
| 8.4 | - | - | 8.4 | - | - | 200 | 5600 | 4480 | 4790 | 3832 | H2O | 8-34 | TRUCK | |

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:

| PRESSURE/RATE DETAIL | | | | | | EXPLANATION | |
|----------------------|--------------|---------|----------|-------------------|------------|--|------|
| TIME HR. MIN. | PRESSURE-PSI | | RATE BPM | Bbl. FLUID PUMPED | FLUID TYPE | SAFETY MEETING: WPS CREW <input type="checkbox"/> CO. REP <input type="checkbox"/> | |
| | PIPE | ANNULUS | | | | TEST LINES | PSI |
| 8:11 | 100 | | 3 | - | H2O | 8:07 | 2000 |
| 8:23 | 200 | | 30 | - | H2O | | |
| 8:35 | 50 | | 2 | - | H2O | | |
| 8:38 | 200 | | - | 4.5 | H2O | | |
| 8:45 | 100 | | .6 | - | LMT | | |
| 9:04 | 100 | | .5 | 15.15 | H2O | | |
| 9:22 | 100 | | - | 4.2 | H2O | | |
| 11:05 | 0 | | .6 | - | CMT | | |
| 11:14 | 0 | | - | 5.07 | CMT | | |
| 11:30 | 0 | | .6 | - | CMT | | |
| 1:25 | 0 | | - | 3.04 | CMT | | |
| 2:35 | 0 | | .8 | - | CMT | | |
| 2:40 | 0 | | - | 4.06 | CMT | | |
| 2:44 | | | .5 | - | CMT | | |
| 2:46 | | | - | 1.01 | CMT | | |

| | | | | | | | |
|-------------|------------------|-------------------|-------------------|----------------------------|-----------------|-----------------|--------------|
| BUMPED PLUG | PSI TO BUMP PLUG | TEST FLOAT EQUIP. | TOTAL Bbl. PUMPED | Bbl. CMT RETURNS/ REVERSED | PSI LEFT ON CSG | SPOT TOP CEMENT | SER. SUP. |
| Y N | - | Y N | 6203 | - | - | SHARF | S. SLAUGH |
| | | | | | | | CUSTOMER REP |
| | | | | | | | STEVE GREER |