

REF. INVOICE # 11217

LOCATION 34-53

FOREMAN Kirk Kallbe FS
Pablo

| | | | | | | |
|------------------------------------|-------------------------------------|------------------------------|------------|------------|----------------|-----------|
| DATE 7-20-12 | WELL NAME Gutherson USX D21-241D | SECTION 21 | TWP 3.2 | RGE 64W | COUNTY Weld | FORMATION |
| CHARGE TO Noble | | OWNER | | | | |
| MAILING ADDRESS | | OPERATOR Noble | | | | |
| CITY | | CONTRACTOR Saxon 143 | | | | |
| STATE ZIP CODE | | DISTANCE TO LOCATION | | | | |
| TIME ARRIVED ON LOCATION 5:30am | | TIME LEFT LOCATION 8:00am | | | | |

| WELL DATA | | | PRESSURE LIMITATIONS | | |
|--------------------------|------------------|---------------|--|-------------|----------------------------------|
| HOLE SIZE 12 1/4 | TUBING SIZE | PERFORATIONS | | THEORETICAL | INSTRUCTED |
| TOTAL DEPTH 795 | TUBING DEPTH | SHOTS/FT | SURFACE PIPE ANNULUS LONG | | |
| PBTD 744 | TUBING WEIGHT | OPEN HOLE | STRING | | |
| CASING SIZE 8 3/8 | TUBING CONDITION | | TUBING | | |
| CASING DEPTH 791 | | TREATMENT VIA | TYPE OF TREATMENT | | TREATMENT RATE |
| CASING WEIGHT 2416 | PACKER DEPTH | | <input checked="" type="checkbox"/> SURFACE PIPE | | BREAKDOWN BPM |
| CASING CONDITION good | | | <input type="checkbox"/> PRODUCTION CASING | | INITIAL BPM |
| | | | <input type="checkbox"/> SQUEEZE CEMENT | | FINAL BPM |
| | | | <input type="checkbox"/> ACID BREAKDOWN | | MINIMUM BPM |
| | | | <input type="checkbox"/> ACID STIMULATION | | MAXIMUM BPM |
| | | | <input type="checkbox"/> ACID SPOTTING | | AVERAGE BPM |
| | | | <input type="checkbox"/> MISC PUMP | | |
| | | | <input type="checkbox"/> OTHER | | HYD HHP = RATE X PRESSURE X 40.8 |
| PRESSURE SUMMARY | | | | | |
| BREAKDOWN or CIRCULATING | psi | AVERAGE | psi | | |
| FINAL DISPLACEMENT | psi | ISIP | psi | | |
| ANNULUS | psi | 5 MIN SIP | psi | | |
| MAXIMUM | psi | 15 MIN SIP | psi | | |
| MINIMUM | psi | | | | |

INSTRUCTIONS PRIOR TO JOB Rigup, Safety, medings, Psitad, Peraman Cier 50 BBLs Rel H2O. 2nd 104 Dye mix E
Pump 337 SRS cement at 30% Excess at 1.27 yield at 15.2 Pbs or until cement stops, Release Plug
Disp 47.3 BBLs H2O Bump Plug At 150 Psi out Lift Psi, wait 5min Release Psi, wash up Rig Down
H2O test OK

Arrival w/ 750 lbs remnant Ugalikol 16oz Dye 76.2 BBIS shroy

| DESCRIPTION OF JOB EVENTS | START TIME | STOP TIME | TIME |
|---------------------------|------------|-----------|--------|
| safety meeting | 6:12 am | 6:34 am | 22 min |
| cement | 6:43 am | 6:57 am | 14 min |
| Dep Plug | 7:01 am | 7:01 am | 0 min |
| Displace | 7:01 am | 7:01 am | 0 min |

| | | | |
|-----------------------|--------|--------|----------------------|
| 10 BBIs At 6 BBIs/m | 7:03am | 250psi | used 37% Excess |
| 20 BBIs At 6 BBIs/m | 7:05am | 300psi | used 35% SKS current |
| 30 BBIs At 6 BBIs/m | 7:06am | 350psi | 80.7 BBIs slurry |
| 40 BBIs At 3.5 BBIs/m | 7:09am | 400psi | |
| 47.3 BBIs At 1 BBI/m | 7:11am | 300psi | |
| Bump Plug | 7:11am | 460psi | |

1st w/ 393 siks cement 2 galls 3 gts Kcl 6 oz Dye 15 lbs Brk 2

_____ AUTHORIZATION TO PROCEED _____ TITLE _____ 7-20-12 _____ DATE

Customers hereby acknowledges and specifically agrees to the terms and conditions on this work order, including, without limitation, the provisions on the reverse side hereof which include the release and indemnity.