COPELAND Acid & Cement

# TREATMENT REPORT

Acid Stage No. _____

Date 12/3/2013 District _____ F.O. No. 41966

Company H&D EXPLORATION

Well Name & No. DOONAN A1

Location _____ Field _____

County BARTON State KS

Casing: Size _____ Type & Wt. _____ Set at _____ ft.

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Formation: _____ Perf. _____ to _____

Liner: Size _____ Type & Wt. _____ Top at _____ ft. Bottom at _____ ft.

Cemented: _____ Perforated from _____ ft. to _____ ft.

Tubing: Size & Wt. _____ Swung at _____ ft.

Perforated from _____ ft. to _____ ft.

Open Hole Size _____ T.D. _____ ft. P.B. to _____ ft.

| Type Treatment: | Amt. | | Type Fluid | Sand Size | Pounds of Sand |
|---|---|---|---|---|---|
| Bkdown | | Bbl./Gal. | | | |
| | | Bbl./Gal. | | | |
| | | Bbl./Gal. | | | |
| | | Bbl./Gal. | | | |
| Flush | | Bbl./Gal. | | | |

Treated from _____ ft. to _____ ft. No. ft. 0

from _____ ft. to _____ ft. No. ft. 0

from _____ ft. to _____ ft. No. ft. 0

Actual Volume of Oil / Water to Load Hole: _____ Bbl./Gal.

Pump Trucks. No. Used: Std. 318 Sp. _____ Twin _____

Auxiliary Equipment 317-308

Personnel BRANDON GREG AND MIKE

Auxiliary Tools _____

Plugging or Sealing Materials: Type _____

_____ Gals. _____ lb.

Company Representative DS&W Treater BRANDON

| TIME a.m./p.m. | PRESSURES Tubing | PRESSURES Casing | Total Fluid Pumped | REMARKS |
|---|---|---|---|---|
| 12:30 | | 5 1/2 | | ON LOCATION |
| | | | | |
| | | | | PUMP 125 SKS 60/40 4% GEL W/ 300# HULLS AT 1500' |
| | | | | |
| | | | | PUMP 50 SKS W/ 100# HULLS AT 750' |
| | | | | |
| | | | | CIRCULATE FROM 350' WITH 125 SKS W 100# HULLS |
| | | | | |
| | | | | |
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| | | | | THANKS |
| | | | | BRANDON |