**ALLIED**
OIL & GAS SERVICES, LLC

# CEMENTING LOG

STAGE NO.

Date 7-9-23 District Mt Bend Ticket No. 060495
Company Beresco Rig Beresco 2
Lease Bradford Well No. 2
County Hodgeman State Ks.
Location Field

BRADFORD

WELL FILE

CASING DATA: Conductor ☐ PTA ☐ Squeeze ☐ Misc ☐
Surface ☐ Intermediate ☐ Production ☒ Liner ☐
Size 5½ Type [illegible] Weight 15½ Collar
Top Stage

Casing Depths: Top Bottom 1607
Stage Collar

Drill Pipe: Size Weight Collars
Open Hole: Size 7⅞ T.D. 5420 ft. P.B. to ft.

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl. 42.0126
Open Holes: Bbls/Lin. ft. Lin. ft./Bbl.
Drill Pipe: Bbls/Lin. ft. Lin. ft./Bbl.
Annulus: Bbls/Lin. ft. .0309 Lin. ft./Bbl. 32.4065
Bbls/Lin. ft. Lin. ft./Bbl.
Perforations: From ft. to ft. Amt.

CEMENT DATA:
Spacer Type:
Amt. Sks Yield ft³/sk Density PPG

LEAD: Pump Time hrs. Type 60/40 8% ref
¼ #F.S. w/Reformer Excess
Amt. 400 Sks Yield 581 ft³/sk Density 12.5 PPG
TAIL: Pump Time hrs. Type
Excess
Amt. Sks Yield ft³/sk Density PPG
WATER: Lead gals/sk Tail gals/sk Total Bbls.

Pump Trucks Used 597 - Kevin Eddy
Bulk Equip. 544-199 - Ben Newell
Don Casper

Float Equip: Manufacturer
Shoe: Type Depth
Float: Type Depth
Centralizers: Quantity Plugs Top Btm.
Stage Collars
Special Equip.
Disp. Fluid Type H2O Amt. 38¼ Bbls. Weight PPG
Mud Type Weight PPG

COMPANY REPRESENTATIVE

CEMENTER Tim Dickson

| TIME | PRESSURES PSI | | FLUID PUMPED DATA | | | REMARKS |
|---|---|---|---|---|---|---|
| AM/PM | DRILL PIPE CASING | ANNULUS | TOTAL FLUID | Pumped Per Time Period | RATE Bbls Min. | |
| 7:20 PM | | | | | | Plug RH & MH |
| 7:30 PM | | | 8542 | | 5 | Start Cement |
| 7:51 PM | | | | | | Wash Line Clean |
| 7:56 PM | | | 38.24 | | 4 | Start Disp |
| 8:08 PM | | | | | | Land Plug |
| 8:30 PM | | | | | | Finished |

FINAL DISP. PRESS: PSI BUMP PLUG TO PSI BLEEDBACK BBLS. THANK YOU

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