ALLIED
OIL & GAS SERVICES, LLC

CEMENTING LOG

STAGE NO.

Date 10-28-13 District Gt Bend Ticket No. 061899
Company Beredco Rig Beredco #1
Lease Elvora Well No. 1-20
County Finney State Ks
Location Garden City 10 S, 4½ W, 5/5 Field

CASING DATA: Conductor ☐ PTA ☐ Squeeze ☐ Misc ☐
Surface ☒ Intermediate ☐ Production ☐ Liner ☐
Size 8⅝ Type New Weight 23 Collar

Casing Depths: Top Bottom 1778'

Drill Pipe: Size Weight Collars
Open Hole: Size 12¼" T.D. 1779' ft. P.B. to ft.

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. .0637 Lin. ft./Bbl. 15.7015
Open Holes: Bbls/Lin. ft. Lin. ft./Bbl.
Drill Pipe: Bbls/Lin. ft. Lin. ft./Bbl.
Annulus: Bbls/Lin. ft. .0735 Lin. ft./Bbl. 13.6037
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 65/35 6% Gel
3% cc, ¼# F.S. Excess
Amt. 625 Sks Yield 1.97 ft³/sk Density 12.5 PPG
TAIL: Pump Time hrs. Type Class A
3% cc, ¼# F.S Excess
Amt. 150 Sks Yield 1.17 ft³/sk Density 15.2 PPG
WATER: Lead gals/sk Tail gals/sk Total Bbls.

Pump Trucks Used 597 - Charles Kinyon
Bulk Equip 610-241 - Tom Tijerina
603 - Don Cooper

Float Equip: Manufacturer
Shoe: Type Bullnose Depth 1778
Float: Type AFU Insert Depth 1736
Centralizers: Quantity 3 Plugs Top Rubber Btm.
Stage Collars
Special Equip. 1 - Basket
Disp. Fluid Type H²O Amt. 110.58 Bbls. Weight PPG
Mud Type Weight PPG

COMPANY REPRESENTATIVE

CEMENTER Tim Dickson

TIME AM/PM	PRESSURES PSI DRILL PIPE CASING	PRESSURES PSI ANNULUS	FLUID PUMPED DATA TOTAL FLUID	FLUID PUMPED DATA Pumped Per Time Period	FLUID PUMPED DATA RATE Bbls Min.	REMARKS
10:30 AM						Arrive on Loc S.M. Rig up
2:38 PM						Hook up & Brake circ
3:05 PM			5		2½	Pump 5 H²O 200#
3:07 PM			219.28		6	Start Lead Cement - 250#
3:32 PM			31.25		6	Start Tail Cement - 300#
3:47 PM						Release Plug
3:49 PM			110.58		6	Start Disp - 520#
4:08 PM						Land Plug - 800#
4:10 PM						Release & float Held
4:15 PM						Finished

FINAL DISP. PRESS: 520 PSI BUMP PLUG TO 800 PSI BLEEDBACK ¼ BBLS. THANK YOU

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