



1-316-681-4734

CEMENTING LOG

STAGE NO.

Date 2-11-15 District OK Kings Ticket No. 64652
 Company Bere Co Rig Beredoo 1
 Lease Walker Well No. 10-20
 County Fairfax State OK
 Location 20-23-32 Field
Garden City 2N(Lower Rd) 12E Units

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type non Weight 15.50 Collar

Top stage

Casing Depths: Top 00' 00" Bottom 3200'

Drill Pipe: Size Weight Collars
 Open Hole: Size 7 7/8 T.O. 4700 ft. P.B. to ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.238 Lin. ft./Bbl.
 Open Holes: Bbls/Lin. ft. Lin. ft./Bbl.
 Drill Pipe: Bbls/Lin. ft. Lin. ft./Bbl.
 Annulus: Bbls/Lin. ft. Lin. ft./Bbl.
 Perforations: From ft. to ft. Amt.

CEMENT DATA:
 Spacer Type:
 Amt. 5.661 Skys Yield ft³/sk Density PPG

LEAD: Pump Time hrs. Type Vertical Excess
 Amt. 345 Skys Yield 1.97 ft³/sk Density 12.42 PPG

TAIL: Pump Time hrs. Type ASC 100 Excess
 Amt. 58 Skys Yield 1.39 ft³/sk Density 14.48 PPG

WATER: Lead 5.661 gals/sk Tail gals/sk Total Bbls.
 Pump Trucks Used 431- Wayne
 Bulk Equip. 291910- Wayne
818/287- Darton

Float Equip: Manufacturer
 Shoe: Type Depth
 Float: Type Depth
 Centralizers: Quantity Plugs Top Btm.
 Stage Collars
 Special Equip.
 Disp. Fluid Type Water Amt. 26.16 Bbls. Weight PPG
 Mud Type Weight PPG

COMPANY REPRESENTATIVE

CEMENTER Lafane

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
1:00				5.0		Hold safety meeting Start water spacer Plug M.H. 155B Plug P.H. 305B Start cement 300 SKS Lite Weight cement 12.4 # Start cement 58 SKS ASC Weight cement 19.3 # Stop cement Release plug Wash up pump lines to pig Start water displacement
				10.0))))))
				10.0		
				10.0		
				10.0		
				10.0		
				10.0		
				6.16		
2:00						Stop water Load plug float hold Cement did circulate

Thank you

Hold safety meeting

[Signature]



CEMENTING LOG

STAGE NO.

Date: 2-11-15 District: Dakota, 19 Ticket No. 64652
 Company: Beraco Rig: Beraco 1
 Lease: Walker Well No. 10-20
 County: Finney State: KS
 Location: 20-23-32 Field: _____
Cardon City 2W (Loward) 142E, NW

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size: 5 1/2 Type: steel Weight: 15.5# Collar: _____
Bottom stage

Casing Depths: Top K.B Bottom 1963.57

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 9 7/8 T.D. 1770 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.238 Lin. ft./Bbl. _____
 Open Hole: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

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

LEAD: Pump Time _____ hrs. Type Lite 104# Excess _____
 Amt. 135 Sls Yield 1.97 ft³/sk Density 12.92 PPG
 TAIL: Pump Time _____ hrs. Type ASC 102.5# Excess _____
2 bags of 6# gypsum
 Amt. 120 Sls Yield 1.59 ft³/sk Density 14.48 PPG
 WATER: Lead 5661 gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 431- Wayne
 Bulk Equip. 871/910 - Wayne
818/287 - Darton

Float Equip: Manufacturer Weatherford
 Shoe: Type AFU Depth _____
 Float: Type Control down plug Depth _____
 Centralizers: Quantity 11 Plug Top _____ Btm. _____
 Stage Collars DU tool
 Special Equip. 2 baskets
 Disp. Fluid Type water/mud Amt. 117.15 Bbls. Weight _____ PPG
 Mud Type Y1/76.13 Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Lakane

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
12:00						Hold safety meeting - Pump ball through w/ rig pump. Give hr.
				5.0		Pump water spacer
						Start cement 135 sls Lite
						weigh cement 12.4#
						start cement 120 sls ASC
						weigh cement 14.5#
						stop cement Release plug
						Wash up pump & lines to pit.
				2.0		start water displacement
				2.0		stop water.
				2.0		start mud displacement
				1.0		
				1.0		
				1.0		
				1.0		
				1.0		
				2.15		Stop head
						Land plug float held
						Open DU tool
1:00						Give 4 hrs.