1-27-33

ALLIED OIL & GAS SERVICES, LLC

CEMENTING LOG

STAGE NO.

Date 10/1/10 District Ark City Ticket No. 047686
Company Berexco Rig Berexco 1
Lease Colyer East Well No. 11-1A
County Stafford State KS
Location Field

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

Casing Depths: Top Bottom

Drill Pipe: Size 4 1/2 Weight Collars
Open Hole: Size 7 7/8 T.D. ft. P.B. to ft.

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl.
Open Holes: Bbls/Lin. ft. Lin. ft./Bbl.
Drill Pipe: Bbls/Lin. ft. .01422 Lin. ft./Bbl.
Annulus: Bbls/Lin. ft. Lin. ft./Bbl.
Bbls/Lin. ft. Lin. ft./Bbl.
Perforations: From ft. to ft. Amt.

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

Bottom
LEAD: Pump Time hrs. Type 25 SK 65/35 6% 1/4 PC
185 ASC/0.5% FL-160 3 gal 6% Gilsonite 1/4 PC FL-160 .25% 10/SK Defoamer
Amt. 235 Sks Yield 1.94 ft³/sk Density 14.7 PPG
TAIL: Pump Time hrs. Type 300 65/35 6% 1/4 PC
50 SK ASC Excess
Amt. 425 Sks Yield 1.9 ft³/sk Density 12.4 PPG
WATER: Lead 6.7 gals/sk Tail 10.8 gals/sk Total Bbls.

Pump Trucks Used 495
Bulk Equip. 818
890

Float Equip: Manufacturer
Shoe: Type Depth
Float: Type AFC Depth
Centralizers: Quantity 10 Plugs Top Btm.
Stage Collars DV
Special Equip. 3 Baskets
Disp. Fluid Type H2O Amt. Bbls. Weight PPG
Mud Type Rig mud Weight PPG

COMPANY REPRESENTATIVE
CEMENTER AL

TIME AM/PM	PRESSURES PSI DRILL PIPE CASING	ANNULUS	FLUID PUMPED DATA TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	REMARKS
						on location, SFM, MTG, Setup
						Run Csg, Circulate
	300			20.0	3 1/2	mix 25 SK 65/35
	400			30.0	3 1/2	mix 185 ASC
						Wash Truck
				42 3/4	6.0	Displace w/ H2O
	1300			79	4.0	w/ Rig mud
	2300					Cmnt Plug
	800					Open Tool
						Cir. 4 hrs
				8.0	2.0	mix 30 SK RH 20 SK MH
	300			80.0	3 1/2	mix 300 SK ACW
	300				3 1/2	mix 50 SK ASC
						Wash Truck
	1300			79	4 1/2	Displace w/ H2O
	2300					Cmnt Plug
						Tool Closed
						Cmnt Did Circulate
7:00 AM						Job Complete
						Thank

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

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