

Nathan Donnan

Date 2-20-14 District Russell Ticket No. 54985
 Company Stagab Oil Rig Shields
 Lease SEC Well No. 3
 County Ellis State KS
 Location Catherine KS 1E 4W Field _____
1/2 W Sinto

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

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 5 1/2 Type _____ Weight 14 Collar _____

LEAD: Pump Time _____ hrs. Type ASC 5th Gelson
 Excess 2070
 Amt. 300 Skys Yield 1.57 ft³/sk Density 14.5 PPG
 TAIL: Pump Time _____ hrs. Type Acon
 Excess 3070
 Amt. 200 Skys Yield 2.45 ft³/sk Density 12 PPG
 WATER: Lead 7.23 gals/sk Tail 14.42 gals/sk Total _____ Bbbs.

Casing Depths: Top _____ Bottom _____

Pump Trucks Used 409-Nathan D
 Bulk Equip. 481-Kevin R
378-Jesse C

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 3730 ft. P.B. to _____ ft.

Float Equip: Manufacturer Weatherford
 Shoe: Type AFU Depth 3730
 Float: Type _____ Depth _____
 Centralizers: Quantity 8 Plugs Top _____ Btm. _____
 Stage Collars Weatherford 1378
 Special Equip. _____
 Disp. Fluid Type Water Amt. _____ Bbbs. Weight 8.34 PPG
 Mud Type _____ Weight _____ PPG

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

COMPANY REPRESENTATIVE Stagab Oil Co Todd Stock

CEMENTER MLL

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						on location - safety meeting
						run 98' of 5 1/2" 19" csg
						centralizers on 4, 6, 8, 10, 12, 63, 65
						bits on 2, 67 DV tool @ 1378
439 pm	100 ⁺		52	SNOW	2	circulate with mud pump
500 pm	2000 ⁺		90.25			mix 300 sk ASC + 5 th G. 1/2" ft
						displace plug
						Drop dart
547 pm	900 ⁺		14			open DV tool
						circulate with mud pump
			10			mix 30 sks Acon in bit hole
			7			mix 20 sks Acon in house hole
730 pm			52			mix 150 sks Acon down hole @ 12"
742 pm	2000 ⁺		300			displace with water
						wash up
						tear down
						leave location

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