



# CEMENTING LOG

STAGE NO.

Date 06-12-12 District Med. Lodge #1 Ticket No. 38066  
 Company Brennwell Rig Harold #1  
 Lease Springer Hollow Farms Well No. 2  
 County Kingman State KS  
 Location \_\_\_\_\_ Field 01-306-09w

CEMENT DATA:  
 Spacer Type: Scavenger Cement  
 Amt. 20 Skys Yield 1.41 ft<sup>3</sup>/sk Density 14.1 PPG

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 4 1/2 Type \_\_\_\_\_ Weight 10.8 Collar \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs. Type 60:40:40  
 Amt. 15 Skys Yield 1.41 ft<sup>3</sup>/sk Density 14.1 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type Class A - ASC  
 Amt. 1.55 Skys Yield 1.57 ft<sup>3</sup>/sk Density 14.5 PPG  
 WATER: Lead 67 gals/sk Tail 7.23 gals/sk Total \_\_\_\_\_ Bbls.

Casing Depths: Top \_\_\_\_\_ Bottom OCT 01 2012

Pump Trucks Used 471-302  
 Bulk Equip. 421-252

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 CONSERVATION DIVISION  
 WICHITA, KS

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 7 7/8 T.D. 4280 ft. P.B. to 4058 ft.

Float Equip: Manufacturer W-G  
 Shoe: Type AEV Flow + Shoe Depth \_\_\_\_\_  
 Float: Type N/A Depth \_\_\_\_\_  
 Centralizers: Quantity 4 Plugs Top TRP Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. 1 - Cement  
 Disp. Fluid Type Fresh H<sub>2</sub>O Amt. 65 Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type Native Weight \_\_\_\_\_ PPG

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 0.0159 Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. 0.0406 Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE D. Brennwell

CEMENTER D. Felix

TIME (AM/PM)	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Pipe on Bttm, Break Circ.
						Run into Pipe
	100			3 1/2	3	Plug Rat hole w/ 1 1/2 x 60:40 cement
	400			5	4	Pump 20 sk Scavenger cement
	400-200			21	5 1/2	Mix 7.5 sk "A" ASC tail cement
						Stop Pump
	100			10	3	Wash Pump & Lines
						Release Plug
	200				6	Start Disp. w/ Fresh H <sub>2</sub> O
	200			40	6	Stop Rotating Pipe
	300			45	6	See increase in PSI
	600			55	3	Slow Rate
9:30 AM	1100			65	3	Bump Plug
						Release PSE - Float Did Hold

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