MSD991

*** PRISM ***

Trail County

Primary Cementing Report

Lease: H. T. BURR UNIT

Field: HUGOTON API #: 15-067-21144-00 Well #: 3 State: KS Well ID: 0025552 County: GRANT

Ppty ID: 1339000 OCSG #:

District:

Starting Time: 00:00

Cementing Company: DOWELL

Date: 04/03/1991

Ending Time: 00:45

Cementing Company Rating (1 to 10, 10 = Best): 9

Was top plug dropped? Y Was bottom plug dropped? N Did plug bump? Y

Was there full circulation while pumping? Y Amount of cement returns to surface: 1 Bbls

Did floats hold? Y Flow regime: PLUG

Was the pipe reciprocated before cementing? Y Was the pipe reciprocated during cementing? Y Was the pipe rotated before cementing? N Was the pipe rotated during cementing? N

If pipe was rotated, Type of rotation equipment:

Torque on rotated pipe: Rotation Speed:

ft/lbs

Job Remarks:

Stage No.:

Casing O.D.: 8.625 In. Hole Size: 12.250 In.

Estimated Top of Cement for this stage: 0 Ft. Estimated Bottom of Cement for this stage: 730 Ft.

Time to mix and pump this stage: 40 (Hr:Min) Average Pump Rate: 4.0 BPM

Maximum Pump Pressure: 240 PSIG

Foam Cement? N

Lead Composition: CLASS C 65:35:6 (65% CEMENT) + 3% CACL2

Tail Composition: CLASS C + 2% CACL2

	Lead	Tail
No. of Sacks	250	150
Slurry Yields (CuFt/Sk)	1.99	1.33
Slurry Density (Ppg)	12.2	14.8
Sturry Volume (Bbl)		
Mix Water Amount (Gal/SK)	10.97	6.22
Mix Water Type	FRESH	FRESH
Thickening Time (Hr:Min)		,,,,,
12-Hr Compressive Strength (PSI)		
24-Hr Compressive Strength (PSI)		
Compressive Strength Test Temperature (F)	80	80
Fluid Loss (cc)	800	800
Free Water (cc)	1.0	0.5

Density Volume Description (PPG) (Bbls)

Preflush Flush

8.3 20.0 H20

Postflush Displacement

Displacement Rate: 4.0 BPM

MSD991 Primary Cementing Report Page 2

Lease: H. T. BURR UNIT Well #: 3 Well ID: 0025552

Stage Remarks:

Report Generated on: 02/17/92 @ 10:15 End of Report.....

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*** PRISM *** Primary Cementing Report

Lease: H. T. BURR UNIT

Well #: 3

Well ID: 0025552

Page 1

Field: HUGOTON

State: KS

County: GRANT

API #: 15-067-21144-00

Ppty ID: 1339000

Date: 04/05/1991

Starting Time: 09:45

Ending Time: 10:30

OCSG #:

Cementing Company: DOWELL

District:

Cementing Company Rating (1 to 10, 10 = Best): 9

Was top plug dropped? Y Was bottom plug dropped? Y

Did plug bump? Y

Was there full circulation while pumping? Y Amount of cement returns to surface: 0 Bbls Did floats hold? Y

Flow regime: PLUG

Was the pipe reciprocated before cementing? Y Was the pipe reciprocated during cementing? Y Was the pipe rotated before cementing? N Was the pipe rotated during cementing? N

If pipe was rotated, Type of rotation equipment:

Torque on rotated pipe: Rotation Speed:

ft/lbs

Job Remarks:

Stage No.: 1

Casing O.D.: 5.500 In. Hole Size: 7.825 In.

Estimated Top of Cement for this stage: 0 Ft. Estimated Bottom of Cement for this stage:

Time to mix and pump this stage: 42 (Hr:Min)

Average Pump Rate: 4.0 BPM

Maximum Pump Pressure: 1000 PSIG

Foam Cement? N

Lead Composition: CLASS H LITE 65:35:6 (65% CEMENT)

Tail Composition: CLASS H 50:50 LITE IPOZ + 2% GEL + 2% CACL2

	Lead	Tail
No. of Sacks	235	230
Slurry Yields (CuFt/Sk)	18.40	1.26
Slurry Density (Ppg)	12.7	14.2
Sturry Volume (Bbt)		
Mix Water Amount (Gal/SK)	9.90	5.78
Mix Water Type	FRESH	FRESH
Thickening Time (Hr:Min)		
12-Hr Compressive Strength (PSI)		
24-Hr Compressive Strength (PSI)	420	710
Compressive Strength Test Temperature (F)	95	106
Fluid Loss (cc)	300	500
Free Water (cc)	1.8	0.8

Density Volume Description (PPG) (Bbls)

Preflush Flush **Postflush** Displacement

Displacement Rate: 4.0 BPM

Primary Cementing Report Lease: H. T. BURR UNIT Well #: 3 Well ID: 0025552 Stage Remarks:

Report Generated on: 02/17/92 @ 10:15 End of Report.....

Page 2

MSD991

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