BHA # 2

Mud Motor Report

ENSECO Directional Drilling

JOB NO.:	10557-159	**FIELD:**	Powder Wash
Company:	Wexpro Company	**Township:**	11 N
LOCATION:		**Range**	97 W
RIG NAME:	SST-88	**Lead DD:**	Vearl Tucker
STATE:	Colorado	**Co. Man:**	Rick Bush
COUNTY:	Moffatt		
WELL NAME:	Musser # 34	**Motor Failed?: NO**	

Time and Depths (This BHA)

Date In:	02-Feb-11 @ 22:00
Date Out:	07-Feb-11 @ 24:00
Hrs In Hole:	122.00
Start Depth:	1547.00
End Depth:	6758.00
Total Drilled:	5211.00
Avg. Total ROP:	55.98
Circ Hrs:Tot/Only	99.83 / 6.75
Percent Slide:	3.86
Percent Hrs:	4.21
Slide Hours:	3.92
Total Sliding:	201.00
Avg. Slide ROP:	51.32
Percent Rotary:	96.14
Percent Hrs:	95.79
Rot / Total Hrs:	89.17 / 93.08
Rotary Drilled:	5010.00
Avg. Rotary ROP:	56.19
Reason POOH:	

MOTOR DATA

Desc:	Fixed bend Mud Motor
MFG.:	HAWG
BHA Circ/ All BHA:	**99.83 / 99.83**
Motor SN:	**WY650S-024**
Pad OD:	6 3/4
NB Stab:	0
Bit to Bend:	7.04
Bent Hsg / Sub:	1.5 / °
Lobe/Stage:	6/7 / 5
Rev/GAL:	0.29
Rotor Jet:	0
Prop BUR:	
Act BUR:	
Stator Clearance:	
Lower Stab OD:	
Upper Stab OD:	
Extended Motor?	NO
Number of Stalls:	
Stall Duration:	

Drilling Parameters

SO/PU:	76 - 135	95-155
Rot Wt:	80-145	
WOB:	10 - 14	
TORQ:	0 - 0	
SPP:	1300 - 2050	
Motor RPM:	100	
Rotary RPM:	50 - 50	
Flow Rate:	346 - 346	
Avg Diff:		
Stall Pres.:		
Off Bot Pres.:		

Bit Record

	SECURITY / FM3555ZM,4x10,3x9		
Run #:	2		
Type Bit:	PDC		
IADC#:		**TFA:**	0.493
JETS:	4-10,3-9		
Bit Drop:	426 PSI @ 346 GPM		
Cond.:			

Mud Data

Type	LSND			**WT:**	9.4	**Vis:**	37	**WL:**	8	**PV:**	9			**Flow T °:**	87
SAND	0.25	**Chlor:**	300	**GAS:**	0	**SOL:**	7	**Oil %:**	0	**YP:**	7	**PH:**	10.3	**Bottom Hole T °:**	98

Formation:

EXPANDED REASON PULLED:

BHA PERFORMANCE:

ADDITIONAL COMMENTS: **(Expands to next page if necessary)**