BHA # 2

Mud Motor Report

ENSECO Directional Drilling

JOB NO.:	11055-159	**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:	Moffat		
WELL NAME:	Musser # 72	**Motor Failed?: NO**	

Time and Depths (This BHA)

Date In:	27-Feb-11 @ 17:45
Date Out:	05-Mar-11 @ 24:00
Hrs In Hole:	146.25
Start Depth:	1558.00
End Depth:	8120.00
Total Drilled:	6562.00
Avg. Total ROP:	53.21
Circ Hrs:Tot/Only	125.00 / 1.67
Percent Slide:	4.94
Percent Hrs:	5.81
Slide Hours:	7.17
Total Sliding:	324.00
Avg. Slide ROP:	45.21
Percent Rotary:	95.06
Percent Hrs:	94.19
Rot / Total Hrs:	116.17 / 123.33
Rotary Drilled:	6238.00
Avg. Rotary ROP:	53.70
Reason POOH:	

MOTOR DATA

Desc:	6 1/2 adj motor
MFG.:	Hunting
BHA Circ/ All BHA:	**125.00 / 125.00**
Motor SN:	6142
Pad OD:	9.562
NB Stab:	0
Bit to Bend:	5.97
Bent Hsg / Sub:	1.5 / 1.5 °
Lobe/Stage:	7/8 / 6.7
Rev/GAL:	0.29
Rotor Jet:	0
Prop BUR:	
Act BUR:	
Stator Clearance:	
Lower Stab OD:	
Upper Stab OD:	
Extended Motor?	YES
Number of Stalls:	
Stall Duration:	

Drilling Parameters

SO/PU:	95 - 170 ' 95-210
Rot Wt:	95-180
WOB:	10 - 20
TORQ:	0 - 0
SPP:	1200 - 1900
Motor RPM:	107
Rotary RPM:	50 - 55
Flow Rate:	369 - 369
Avg Diff:	
Stall Pres.:	
Off Bot Pres.:	

Bit Record

Other / Q505F

Run #:	2		
Type Bit:	PDC		
IADC#:		**TFA:**	0.507
JETS:	5-10,2-9		
Bit Drop:	463 PSI @ 369 GPM		
Cond.:			

Mud Data

Type	LSND			**WT:**	9.5	**Vis:**	46	**WL:**	6.5	**PV:**	20			**Flow T °:**	84
SAND	0.75	**Chlor:**	200	**GAS:**	0	**SOL:**	6	**Oil %:**	0	**YP:**	11	**PH:**	10.1	**Bottom Hole T °:**	146

Formation:

EXPANDED REASON PULLED:

BHA PERFORMANCE:

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