BHA # 1

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:	25-Feb-11 @ 06:30
Date Out:	27-Feb-11 @ 17:45
Hrs In Hole:	27.75
Start Depth:	85.00
End Depth:	1558.00
Total Drilled:	1473.00
Avg. Total ROP:	86.22
Circ Hrs:Tot/Only	18.33 / 1.25
Percent Slide:	5.36
Percent Hrs:	3.90
Slide Hours:	.67
Total Sliding:	79.00
Avg. Slide ROP:	118.50
Percent Rotary:	94.64
Percent Hrs:	96.10
Rot / Total Hrs:	16.42 / 17.08
Rotary Drilled:	1394.00
Avg. Rotary ROP:	84.91
Reason POOH:	

MOTOR DATA

Desc:	7 3/4 inch adj mtr
MFG.:	Wenzel
BHA Circ/ All BHA:	**18.33 / 18.33**
Motor SN:	**775-24-A201**
Pad OD:	8
NB Stab:	0
Bit to Bend:	6.43
Bent Hsg / Sub:	1.83 / °
Lobe/Stage:	7/8 / 4
Rev/GAL:	0.16
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:	40 - 95	40-95
Rot Wt:	40-95	
WOB:	10 - 15	
TORQ:	0 - 0	
SPP:	700 - 1900	
Motor RPM:	56 - 105	
Rotary RPM:	50 - 55	
Flow Rate:	348 - 656	
Avg Diff:		
Stall Pres.:		
Off Bot Pres.:		

Bit Record

SMITH / Mi616STC,6x12's

Run #:	1		
Type Bit:	PDC		
IADC#:		**TFA:**	0.662
JETS:	6-12		
Bit Drop:	832 PSI @ 656 GPM		
Cond.:			

Mud Data

Type	LSND			**WT:**	9.2	**Vis:**	36	**WL:**	14	**PV:**	8			**Flow T °:**	70
SAND	0.5	**Chlor:**	200	**GAS:**	0	**SOL:**	6	**Oil %:**	0	**YP:**	8	**PH:**	10.8	**Bottom Hole T °:**	0

Formation:

EXPANDED REASON PULLED:

BHA PERFORMANCE:

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