Well Information

BHA # 1

ENSECO Directional Drilling

JOB NO.:	11055-159	**FIELD:**	Powder Wash
Company:	Wexpro Company	**Township:**	11 N
LOCATION:		**SECT. RANGE:**	5 97 W
RIG NAME:	SST-88	**Lead DD:**	Vearl Tucker
STATE:	Colorado	**Co. Man:**	Rick Bush
COUNTY:	Moffat	**BHA TYPE:**	Steerable Assembly
WELL NAME:	Musser # 72		

BHA Summary Information

TIME IN - OUT		Rotary Hours	16.42	Start Depth	85.00	RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only	18.33 / 1.25	End Depth	1558.00		
25-Feb-11 @ 06:30	27-Feb-11 @ 17:45	Slide Hours	.67	Percent Rotary:	94.64	0 -55	348 -656
		Below Rotary Hrs.	27.75	Percent Slide:	5.36		

				Incl.		Azimuth	
Total Drilled:	1473.00	**Avg. Total ROP:**	86.22	IN	OUT	IN	OUT
Total Rotary Drilled:	1394.00	**Avg. Rotary ROP:**	84.91				
Total Drilled Sliding:	79.00	**Avg. Slide ROP:**	118.50	.0	.0	.00	.00

SPP	700 -1900	Weights	SO	40 -95	PU	40 -95	RAB	40 -95	Reason POOH	

Bit Data

SMITH	Mi616STC,6x12's
Type Bit	PDC
TFA	0.662

JETS					
	12	12	12	12	12
	12	0	0	0	0

Bit Coding							IADC#
IR	OR	DL	Loc	BS	G	ODL	
0	0						

Bit Drop: 832 PSI @ 656 GPM

MOTOR DATA

7 3/4 inch adj mtr

Model:	775784.0	**Pad OD**	
MFG.	Wenzel	8	
Bend °	1.83	**Stator/Rotor**	7/8
Bit to Bend	6.43	**Motor Diff**	
Rev/GAL	0.16		
NB Stab	0		
Rotor Jet	0		

Sensor Offsets

Sensor	55	Sonic	0
Gamma	0	DNSC	85
Restiv	0	GYRO	0

Mud Data

Type	LSND						
WT	9.2	**GAS**	0	**Solids**	6		
Vis	36	**SAND**	0.5	**T °**	70		
PV	8	**PH**	10.8	**Chlor**	200		
YP	8	**WL**	14	**Oil %**	0		
				|BHT°|	0		

PUMPS	PUMP1	PUMP1
NAME	Gardner Denver	Gardner Denver
Model	PZ-11	PZ-11
Type	Triplex	Triplex
Liner	6.50	6.50
Stroke	10.00	10.00
Efficency	95.00	95.00

Comments

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Mi616STC,6x12's	JY7582	2.0	12.25	1.00	1.00	6 5/8 REGP
2	7 3/4 adj Motor	775-24-A201	2.5	7.75	27.69	28.69	6 5/8 REGB
3	UBHO	800069	2.8125	8	2.68	31.37	6 5/8 REGB
4	NMDC Flex	802MER	2.8125	8.063	30.29	61.66	6 5/8 REGB
5	NMDC Flex	801MER	2.8125	8.125	29.55	91.21	6 5/8 REGB
6	X/O	SD108017	2.875	8	3.06	94.27	4 1/2 XHB
7	Steel DC	Rig	2.3125	6.25	30.80	125.07	4 1/2 XHB
8	HWDP 16 Jnts	RIG	2.937	6.0	484.86	609.93	4 1/2 XHB
9	Jars	SR 2279	2.812	6.1875	30.05	639.98	4 1/2 XHB
10	HWDP 15 Jnts	Rig 1	2.937	6.0	455.36	1095.34	4 1/2 XHB