Well Information

BHA # 2

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	116.17	Start Depth	1558.00	RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only	125.00 / 1.67	End Depth	8120.00		
27-Feb-11 @ 17:45	05-Mar-11 @ 24:00	Slide Hours	7.17	Percent Rotary:	95.06	0 -55	369 -369
		Below Rotary Hrs.	146.25	Percent Slide:	4.94		

				Incl.		Azimuth	
Total Drilled:	6562.00	**Avg. Total ROP:**	53.21	**IN**	**OUT**	**IN**	**OUT**
Total Rotary Drilled:	6238.00	**Avg. Rotary ROP:**	53.70	.0	.0	.00	.00
Total Drilled Sliding:	324.00	**Avg. Slide ROP:**	45.21				

SPP	1200 -1900	Weights	SO	95 -170	PU	95 -210	RAB	95 -180	Reason POOH	

Bit Data

Other	Q505F					
Type Bit	PDC					
TFA	0.507					
JETS	9	9	10	10	10	
	10	10	0	0	0	
Bit Coding	IADC#					
IR	OR	DL	Loc	BS	G	ODL
0	0					

Bit Drop: 463 PSI @ 369 GPM

MOTOR DATA

6 1/2 adj motor

Model:	650786.7	**Pad OD**	
MFG.	Hunting	9.562	
Bend °	1.5	**Stator/Rotor**	7/8
Bit to Bend	5.97	**Motor Diff**	
Rev/GAL	0.29		
NB Stab	0		
Rotor Jet	0		

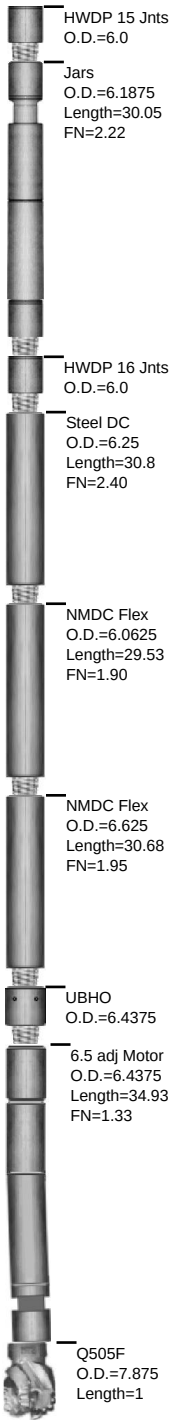
Sensor Offsets			
Sensor	55	Sonic	0
Gamma	0	DNSC	1535
Restiv	0	GYRO	0

Mud Data

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

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	Q505F	7133005	2.0	7.875	1.00	1.00	4 1/2 REGP
2	6.5 adj Motor	6142	2.5	6.4375	34.93	35.93	4 1/2 XHB
3	UBHO	A2Z-650-1f1	2.531	6.4375	2.29	38.22	4 1/2 XHB
4	NMDC Flex	SD46890	2.75	6.625	30.68	68.90	4 1/2 XHB
5	NMDC Flex	SD38706	2.875	6.0625	29.53	98.43	4 1/2 XHB
6	Steel DC	Rig	2.3125	6.25	30.80	129.23	4 1/2 XHB
7	HWDP 16 Jnts	RIG	2.937	6.0	484.86	614.09	4 1/2 XHB
8	Jars	SR 2279	2.812	6.1875	30.05	644.14	4 1/2 XHB
9	HWDP 15 Jnts	Rig 1	2.937	6.0	455.36	1099.50	4 1/2 XHB