ENSECO Directional Drilling

JOB NO.:	10557-159	**FIELD:**	Powder Wash
Company:	Wexpro Company	**Township:**	11 N
LOCATION:		**Range**	97 W
RIG NAME:	SST-88		
STATE:	Colorado		
COUNTY:	Country		
WELL NAME:	Musser # 34		

MOTOR INFORMATION

Desc: 8 inch adjustable mud motor

Bent Hsg/Sub: 1.83 / 1.83 Bit to Bend: 6.43

Pad OD: 8.00 NB Stab:

Slide Report for BHA # 1

Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	31-Jan	Drilling	06:30	07:45	1.25	85	230	145	10	116.0	50	0	390	800		0.00	0.00	0.00	
1	31-Jan	Drilling	08:00	09:30	1.50	230	321	91	10	60.7	50	0	390	800		0.00	0.00	0.00	
1	31-Jan	Drilling	09:55	10:05	0.17	321	351	30	10	180.0	50	0	390	800		0.00	0.00	0.00	
1	31-Jan	Drilling	10:15	10:50	0.58	351	412	61	10	104.6	50	0	390	800		0.00	0.00	0.00	
1	31-Jan	Drilling	11:05	11:55	0.83	412	502	90	10	108.0	50	0	390	800		0.00	0.00	0.00	
1	31-Jan	Drilling	16:45	17:40	0.92	502	593	91	10	99.3	50	0	733	2200		0.00	0.00	0.00	
1	31-Jan	Drilling	17:55	18:50	0.92	593	683	90	10	98.2	50	0	733	2200		0.00	0.00	0.00	
1	31-Jan	Drilling	19:00	20:05	1.08	683	774	91	10	84.0	50	0	733	2200		0.00	0.00	0.00	
1	31-Jan	Drilling	20:15	21:15	1.00	774	865	91	10	91.0	50	0	733	2200		0.00	0.00	0.00	
1	31-Jan	Sliding	21:25	21:35	0.17	865	875	10	10	60.0	50	0	733	2200	130	0.00	0.00	0.00	
1	31-Jan	Drilling	21:35	22:25	0.83	875	956	81	10	97.2	50	0	733	2200		0.00	0.00	0.00	
1	31-Jan	Drilling	22:35	23:45	1.17	956	1048	92	10	78.9	0	0	733	2200		0.00	0.00	0.00	
1	1-Feb	Sliding	00:00	00:10	0.17	1048	1058	10	10	60.0	0	0	733	2200	30	0.00	0.00	0.00	
1	1-Feb	Drilling	00:10	01:00	0.83	1058	1139	81	10	97.2	50	0	733	2200		0.00	0.00	0.00	
1	1-Feb	Sliding	01:10	01:20	0.17	1139	1154	15	10	90.0	0	0	733	2200	60	0.00	0.00	0.00	
1	1-Feb	Drilling	01:20	02:10	0.83	1154	1202	48	10	57.6	50	0	733	2200		0.00	0.00	0.00	
1	1-Feb	Drilling	02:20	02:35	0.25	1202	1234	32	10	128.0	50	0	733	2200		0.00	0.00	0.00	
1	1-Feb	Sliding	02:45	03:00	0.25	1234	1254	20	10	80.0	50	0	733	2200	-20	0.00	0.00	0.00	
1	1-Feb	Drilling	03:00	04:00	1.00	1254	1329	75	10	75.0	50	0	733	2200		0.00	0.00	0.00	
1	1-Feb	Sliding	04:10	04:20	0.17	1329	1341	12	10	72.0	0	0	733	2200	-20	0.00	0.00	0.00	
1	1-Feb	Drilling	04:20	04:30	0.17	1341	1361	20	10	120.0	50	0	733	2200		0.00	0.00	0.00	
1	1-Feb	Sliding	04:40	04:50	0.17	1361	1372	11	10	66.0	0	0	733	2200	-20	0.00	0.00	0.00	
1	1-Feb	Drilling	04:50	05:30	0.67	1372	1423	51	10	76.5	50	0	733	2200		0.00	0.00	0.00	
1	1-Feb	Sliding	05:40	05:50	0.17	1423	1438	15	10	90.0	50	0	733	2200	-20	0.00	0.00	0.00	
1	1-Feb	Drilling	05:50	06:45	0.92	1438	1486	48	10	52.4	50	0	733	2200		0.00	0.00	0.00	
1	1-Feb	Sliding	07:00	07:10	0.17	1486	1506	20	10	120.0	0	0	733	2200	360	0.00	0.00	0.00	
1	1-Feb	Drilling	07:10	07:15	0.08	1506	1518	12	10	144.0	50	0	733	2200		0.00	0.00	0.00	

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Note: Surveys listed are interpolated from the actual surveys

#	Date	Drill Mode	Start Time	End Time	Hours	Start MD	End MD	Depth Drilled	WOB	ROP	RPM	Surf. Torque	Flow Rate	SPP	TFO	INC	AZM	DLS	Note
1	1-Feb	Drilling	07:25	07:45	0.33	1518	1547	29	10	87.0	50	0	733	2200		0.00	0.00	0.00	

Total Drilled:	1462	**Avg. Total ROP:**	87.28		**DEPTH% - TIME %**
Total Rotary Drilled:	1349	**Avg. Rotary ROP:**	87.98	**Percent Rotary:**	92.27 - 91.54
Total Drilled Sliding:	113	**Avg. Slide ROP:**	79.76	**Percent Slide:**	7.73 - 8.46