

**KERR-MCGEE ROCKY MOUNTAIN CORP**

**HAMMERBECK 16-33**

**SE SE 33 6N 64W -- --**

**WELD,COLORADO**

**03/25/2013**

**AREA: N7**

**ROUTE: N73 Spud: 11/15/2003**

**WINS No.: 76733**

**AFE/WO#: 88335023**

**API#: 0512321810**

**GL: 4630**

**KB: 4642**

**MTD: 6971**

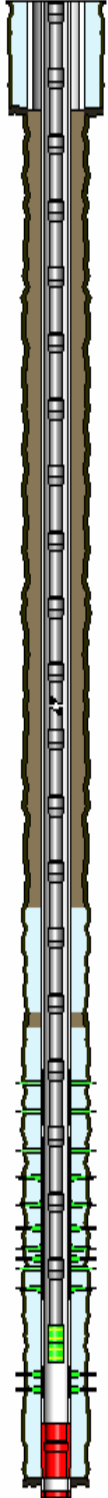
**TVD: 6971**

**LOG MD:**

**PBMD: 6960**

**PBTVD: 6960**

**Directions: CR 60 1/2 & CR 55, N 4/10, W 1/10, N 1/10 INTO.**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	12	680	11/16/2003
PRODUCTION	7.88	681	6970	11/19/2003

<u>TUBULARS</u>	<u>Tool Type</u>	<u>Joints</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Thread</u>	<u>Top D</u>	<u>Bottom D</u>
<b>SURFACE CASING</b>								
	Casing	15	8.63	24	J-55	STC	12	668
<b>PRODUCTION CASING</b>								
	Casing	176	4.50	11.6	I-80	LTC	12	6960
	Casing Float Collar	1	4.50		I-80		6960	6961
	Casing	1	4.50	11.6	I-80	LTC	6961	6995
	Casing Guide Shoe	1	4.50				6995	6996
<b>PRODUCTION TUBING</b>								
	Tubing	220	2.38	4.70	J-55	8RD EUE	12	6822
	XN Profile Nipple	1	2.38				6822	6823
	Notched Collar	1	2.38				6823	6824

<u>CEMENT JOBS</u>	<u>Stage</u>	<u>Sacks</u>	<u>Cement Jobs</u>	<u>Top D</u>	<u>Btm D</u>	<u>cbl</u>
<b>SURFACE CASING</b>						
	STAGE 1	470	NEAT	12	668	No
<b>PRODUCTION CASING</b>						
	STAGE 1	210	50/50 POZ-MIX	6288	6970	Yes
<b>PRODUCTION CASING</b>						
	PRIM CMT 1ST STAGE			5560	6190	No

<u>PERFORATIONS</u>	<u>Formation</u>	<u>Zone</u>	<u>Top</u>	<u>Btm</u>	<u>Date</u>	<u>Reason</u>	<u>Comments</u>
	NIORARA	SQUEEZE	6250	6251	03/06/2013	CEMENT SQUEEZE	
	NIORARA	A	6548	6550	12/09/2003	PRODUCTION	
	NIORARA	A	6548	6550	10/26/2009	PRODUCTION	
	NIORARA	A	6558	6561	12/09/2003	PRODUCTION	
	NIORARA	B	6638	6642	12/09/2003	PRODUCTION	
	NIORARA	B	6646	6650	10/26/2009	PRODUCTION	
	NIORARA	B	6651	6653	12/09/2003	PRODUCTION	
	NIORARA	B	6656	6666	10/26/2009	PRODUCTION	
	NIORARA	B	6658	6664	12/09/2003	PRODUCTION	
	CODELL		6840	6852	12/09/2003	PRODUCTION	
	CODELL		6840	6854	10/24/2007	PRODUCTION	42 OF 42 SHOTS FIRED

**Comments:**