



DDC

RM-131019

5":100' - MD

1/4/2014 2:07:52 PM

Oper. Company: Noble Energy Inc**Country:** USA**State / Province:** Colorado**County / Parish:** Weld**Started:** 12/30/2013 10:30 PM**API/UWI:** 05-123-37486**Field:** WildCat**Well:** Castor Federal LD-15-74HN**Rig:** H&P 326**Ended:** 01/04/2014 12:30 PM**Personnel****Day Hand:** Bob Kubistek**Night Hand:** Chris Abbott**Comp. Emp:****Location****Latitude:** 40° 45' 25.668 N**Longitude:** 103° 50' 55.536 W**Elev. GL:** 4707**Elev. DF:** 30**Elev. KB:** 4737**Hole Data**

Size	From	To
13 3/4	0	1238
8 3/4	1238	6063
6 1/8	6063	9978

Casing Data

Size	From	To
9 5/8	0	1228
7	1228	6053
4 1/2	6053	9978

Bit Sizes

Size	From	To
13 3/4	0	1238
8 3/4	1238	6063
6 1/8	6063	9978

Mud Data

Type	Weight	Density	Viscosity	Rm	Rmf	Rmc	From	To
LSND	10.2	0	38				1238	9978

Tool Run Data

Serial Number	Gamma Offset	Resist. Offset	Start Time	Start Depth	End Time	End Depth
812	36	0	12/30/2013 10:30:14 PM	1238	12/31/2013 8:00:14 PM	4922
812	36	0	12/31/2013 9:30:55 PM	4922	1/1/2014 5:00:55 PM	6056
812	40	0	1/2/2014 11:30:10 PM	6056	1/4/2014 12:30:10 PM	9978

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.

















































































