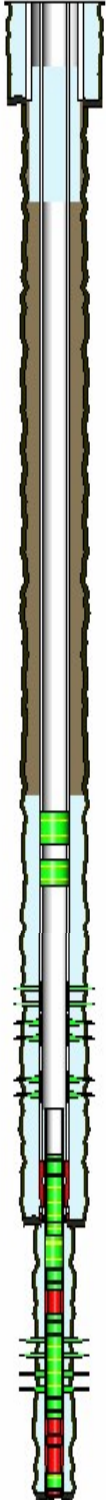


EARTHSTONE ENERGY INC
HSR-FEDERAL 15-36
SW SE 36 3N 66W 660' FSL 1,980' FEL
WELD,COLORADO
08/13/2014

AREA: NH ROUTE: NH4 Spud: 03/21/1990 WINS No.: 73736 AFE/WO#: 88526567 API#: 0512314432

GL: 4993 KB: 5003 MTD: 740 TVD: 740 LOG MD: 7999 PBMD: 7967 PBTVD: 7967

Directions: CR 28 & CR 31, E 2.0, S 7/10, E 3/10, S INTO. USA 37-36



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>			
SURFACE	12.25	10	780	03/21/1990			
PRODUCTION	7.88	780	7522	03/25/1990			
DEEPENED LINER	3.88	7522	8000	11/24/2003			

<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>
SURFACE CASING	Casing	17	8.63	24.00			10	763
PRODUCTION CASING	Casing	180	4.50	11.60	M-75	LT&C	10	7476
	Casing Float Collar	1	4.50				7476	7477
	Casing	1	4.50	11.60	M-75	LT&C	7477	7517
	Casing Guide Shoe	1	4.50				7517	7518
DEEPENED LINER	Liner Hanger	1	2.87				7448	7456
	Liner	9	2.88	6.50	N-80	EUE	7456	7742
	Pup Joint	1	2.88		N-80		7742	7744
	Liner	7	2.88	6.50	N-80	EUE	7744	7967
	Casing Float Collar	1	2.88				7967	7968
	Shoe Joint	1	2.88	6.50	N-80	EUE	7968	7999
	Casing Guide Shoe	1	2.88				7999	8000
SAND PLUG	Sand Plug		2.88				7620	7622

<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>
SURFACE CASING	STAGE 1	240	LEAD LITE W/ 3% CACL2	10	500	No
	STAGE 1	100	TAIL REGULAR W/ 2% CACL2	500	780	No
PRODUCTION CASING	STAGE 1	180	PREMIUM 18% SALT, 35% SF	6161	7518	Yes
DEEPENED LINER	PRIM LINER CEMENT	35	LIQUID STONE	7448	8000	Yes
SURFACE CASING	ABANDONMENT PLUG	215	LEAD FRESH WATER	502	1550	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>
	NIOBRARA	A	7116	7117	08/26/1991	PRODUCTION	1 spf : 12 holes total
	NIOBRARA	B	7146	7180	08/26/1991	PRODUCTION	
	CODELL		7383	7399	04/11/1990	PRODUCTION	
	CODELL		7383	7399	04/01/2010	PRODUCTION	
	J SAND		7840	7864	12/03/2003	PRODUCTION	
	J SAND		7877	7892	12/03/2003	PRODUCTION	

Comments: