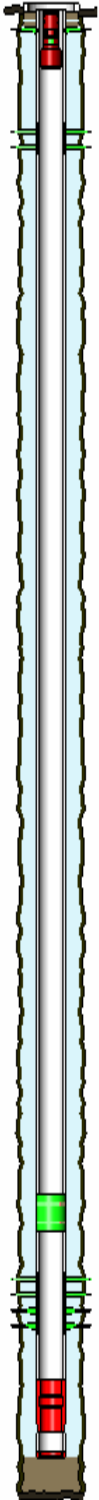


**KERR-MCGEE OIL AND GAS ONSHORE LP**  
**HSR-SHUTT FEDERAL 1-18A**  
**NE NE 18 3N 66W -- --**  
**WELD,COLORADO**  
**10/16/2013**

AREA: N3      ROUTE: N35    Spud: 12/09/2000    WINS No.: 75799    AFE/WO#: 88359741    API#: 0512320139

GL: 4866    KB: 4878    MTD: 8100    TVD: 8100    LOG MD: 8123    PBMD: 8066    PBTVD: 8066

Directions: HWY 85 & WCR 34, E 3/14, S 1/10 INTO



HOLE SECTIONS		Size	Top	Btm	TD Date			
SURFACE		12.25	12	555	12/09/2000			
PRODUCTION		7.88	555	8100	12/16/2000			
TUBULARS	Tool Type	Joints	Size	Weight	Grade	Thread	Top D	Bottom D
SURFACE CASING								
	Casing	12	8.63	24			12	545
PRODUCTION CASING								
	Casing	192	4.50	11.6	I-80		12	8066
	Casing Float Collar	1	4.50				8066	8067
	Casing	1	4.50	11.6	I-80		8067	8091
	Casing Guide Shoe	1	4.50				8091	8092
SAND PLUG								
	Sand Plug		4.50				7600	7602
PRODUCTION TUBING								
	Tubing	233	2.38	4.70	J-55	External-Ups	12	7364
	Seating Nipple	1	2.38				7364	7365
	Notched Collar	1	2.38				7365	7366
PRODUCTION TUBING								
	Wellbore Equipment	233	2.38		J-55		12	7365
	Wellbore Equipment	1	2.38				7365	7366
	Wellbore Equipment	1	3.09		J-55		7366	7367
CEMENT JOBS	Stage	Sacks	Cement Jobs			Top D	Btm D	cbl
SURFACE CASING								
	STAGE 1	390	NEAT			12	545	No
PRODUCTION CASING								
	STAGE 1	300	G			6393	8092	Yes
PRODUCTION CASING								
	ONE INCH JOB	250	DISPLACE FRESH WATER			3735	4700	Yes
PRODUCTION CASING								
	ONE INCH JOB	150	DISPLACE FRESH WATER			400	980	Yes
PERFORATIONS								
Formation	Zone	Top	Btm	Date	Reason	Comments		
NIOBRARA	A	7096	7100	02/09/2010	PRODUCTION			
NIOBRARA	A	7098	7114	04/01/2003	PRODUCTION			
NIOBRARA	B	7158	7165	04/01/2003	PRODUCTION			
NIOBRARA	B	7158	7166	02/09/2010	PRODUCTION			
NIOBRARA	C	7240	7242	02/09/2010	PRODUCTION			
NIOBRARA	C	7254	7260	02/09/2010	PRODUCTION			
CODELL		7378	7388	04/01/2003	PRODUCTION			
CODELL		7378		02/04/2010	PRODUCTION			
J SAND		7819	7830	12/21/2000	PRODUCTION			
J SAND		7836	7888	12/21/2000	PRODUCTION			

Comments: