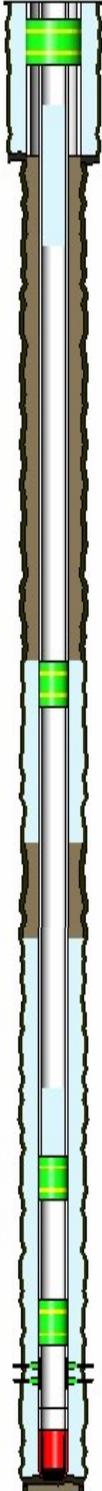


**KERR-MCGEE OIL AND GAS ONSHORE LP**  
**KARLIK 12-12A**  
**NW SW 12 2N 67W 2,123' FSL 244' FWL**  
**WELD,COLORADO**  
**03/13/2014**

AREA: W1      ROUTE: W14 Spud: 05/11/2001      WINS No.: 74392      AFE/WO#: 2089570      API#: 0512320311

GL: 4853    KB: 4865    MTD: 7995    TVD: 7995    LOG MD: 7947    PBMD: 7947    PBTVD: 7924

Directions: WCR 22-1/2 & WCR 23, S 1/10, E INTO



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	12	734	05/12/2001
BUILD	7.88	5402	5805	05/14/2001
HOLD	7.88	5806	6600	05/15/2001
BTM DROP	7.88	6601	7200	05/16/2001
BTM PRODUCTION	7.88	7201	7999	05/19/2001
PRODUCTION	7.88	734	7999	05/19/2001

<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	16	8.63	24	J-55	STC	12	725
PRODUCTION CASING	Casing	188	4.50	11.6	I-80	LTC	12	7947
		1	4.50				7947	7948
	Casing	1	4.50	11.6	I-80	LTC	7948	7979
	Casing Guide Shoe	1	4.50				7979	7980
BRIDGE PLUG	Cast Iron Bridge Plu	1	4.50				7100	7102
BRIDGE PLUG	Cast Iron Bridge Plu	1	4.50				7770	7772
BRIDGE PLUG	Cement Retainer	1	4.50				4100	4102
BRIDGE PLUG	Cast Iron Bridge Plu	1	8.63				100	103

<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	510	NEAT	12	725	No
PRODUCTION CASING	STAGE 1	230	PREMIUM	5640	7980	No
PRODUCTION CASING	ABANDONMENT PLUC	30	LEAD FRESH WATER	6645	7095	No
PRODUCTION CASING	ABANDONMENT PLUC	335	LEAD FRESH WATER	4090	5015	No
PRODUCTION CASING	ABANDONMENT PLUC	200	LEAD FRESH WATER	376	1320	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>
SUSSEX		4090	4091	11/12/2013	CEMENT SQUEEZE	
SHANNON		5015	5016	11/12/2013	CEMENT SQUEEZE	
J SAND		7841	7895	05/24/2001	PRODUCTION	

Comments: