

**KERR-MCGEE OIL AND GAS ONSHORE LP**

**HSR-TUTTLE 10-7A**

**SE SE 7 3N 66W -- --**

**WELD,COLORADO**

**05/23/2013**

**AREA: N3**

**ROUTE: N33**

**Spud: 03/06/1996**

**WINS No.: 75768**

**AFE/WO#: 88359742**

**API#: 0512318914**

**GL: 4843**

**KB: 4853**

**MTD: 8304**

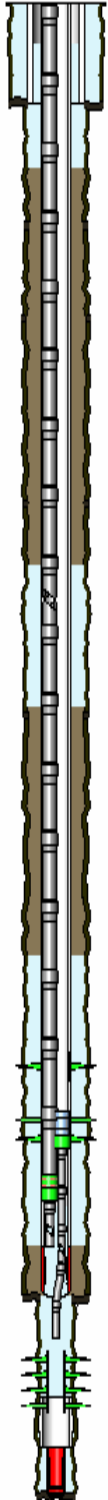
**TVD: 8304**

**LOG MD: 8272**

**PBMD: 8272**

**PBTVD: 7920**

**Directions: HWY 85 & CR 34, E 2/10, N 1/10 INTO**



<u>HOLE SECTIONS</u>	<u>Size</u>	<u>Top</u>	<u>Btm</u>	<u>TD Date</u>
SURFACE	12.25	10	725	03/09/1996
PRODUCTION	7.88	725	1585	03/14/1996
BUILD	7.88	1585	2244	03/14/1996
HOLD	7.88	2244	3558	03/14/1996
DROP	7.88	3558	5060	03/14/1996
BTM PRODUCTION	7.88	5060	7828	03/14/1996
DEEPENED	3.88	7828	8304	12/06/2001

<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	17	8.63	24			10	714
PRODUCTION CASING	Casing	182	4.50	11.6	I-70		10	7816
		1	4.50				7816	7817
	Casing Guide Shoe	1	4.50				7817	7818
DEEPENED LINER	Liner Hanger	1			WTHRFDR		7724	7728
		15	2.88	6.5	N-80	8RD EUE	7728	8272
		1	2.88				8272	8273
		1	2.88	6.5	N-80	8RD EUE	8273	8303
	Casing Guide Shoe	1	2.88				8303	8304
PRODUCTION TUBING	Tubing	244	2.38	4.7	J-55	8RD EUE	10	7680
	Seating Nipple	1	2.38		J-55		7680	7681
	Notched Collar	1			J-55		7681	7682
	Tubing	11	1.25	3.25	J-55	10 RD IJ	7682	8050
PRODUCTION TUBING	Tubing	244	2.38	4.70	J-55	External-Ups	10	7685
	XN Profile Nipple	1	2.38				7685	7686
	Crossover	1	2.38				7686	7687
	Tubing	4	1.66	2.30	J-55	Non-Upset	7687	7817

<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	500	NEAT	10	714	No
PRODUCTION CASING	STAGE 1	150	PREMIUM	6757	7817	Yes
DEEPENED LINER	STAGE 1	45	G	7724	8304	Yes
PRODUCTION CASING	ONE INCH JOB	225	LEAD FRESH WATER	3995	4990	Yes
PRODUCTION CASING	ONE INCH JOB	200	LEAD FRESH WATER	296	1170	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		7454	7456	03/25/1996	PRODUCTION	
	CODELL		7676	7686	07/28/2000	PRODUCTION	
	CODELL		7677	7682	03/25/1996	PRODUCTION	
	J SAND		8119	8141	01/04/2002	PRODUCTION	
	J SAND		8144	8182	01/04/2002	PRODUCTION	

**Comments:**