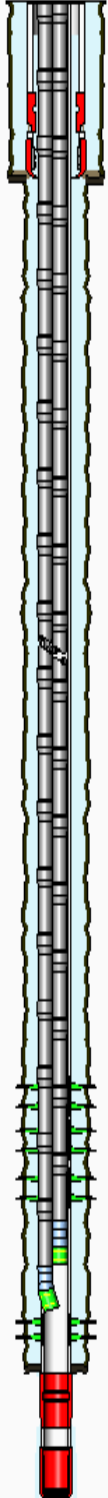


**KERR-MCGEE OIL & GAS ONSHORE LP**  
**BARCLAY 22-27**  
**SW NW 27 3N 66W 1,878' FNL 727' FWL**  
**WELD,COLORADO**  
**03/11/2013**

AREA: S4      ROUTE: S44    Spud: 05/25/2007    WINS No.: 92752    AFE/WO#: 88278806    API#: 0512324514

GL: 4940    KB: 4954    MTD: 7695    TVD: 7695    LOG MD: 7687    PBMD: 7640    PBTVD: 7545

Directions:    **WCR 31 & 30 1/8 SOUTH, E 1/10, S INTO**



HOLE SECTIONS	Size	Top	Btm	TD Date
SURFACE	12.25	14	726	05/26/2007
PRODUCTION	7.88	726	7695	06/01/2007

TUBULARS	Tool Type	Joints	Size	Weight	Grade	Thread	Top D	Bottom D
SURFACE CASING	Casing	15	8.63	24.00	J-55	STC	14	671
	Float Collar	1	8.63				671	671
	Casing	1	8.63	24.00	J-55	STC	671	715
	Casing Shoe	1	9.00				715	716
PRODUCTION (LONG STRING) CASING	Casing	183	4.50	11.60	L-80	LTC	14	7640
	Float Collar	1	0.00				7640	7640
	Casing	1	4.50	11.60	L-80	LTC	7640	7672
	Casing Shoe	1	5.00				7672	7674
PRODUCTION TUBING	Tubing	237	2.38				10	7468
	Seating Nipple	1	2.38				7468	7469
	Notched Collar	1	2.38				7469	7470
PRODUCTION TUBING	Tubing	237	2.38	4.70	J-55	External-Ups	14	7473
	Seating Nipple	1	2.38				7473	7474
	Notched Collar	1	2.38				7474	7475

CEMENT JOBS	Stage	Sacks	Cement Jobs	Top D	Btm D	cbf
SURFACE CASING	LEAD	200	DJ - PREMIUM	14	350	No
	TAIL	200	DJ - PREMIUM	350	726	No
PRODUCTION (LONG STRING) CASING	LEAD	140	CHECK 1 DJ - PREMIUM	3950	5096	Yes
	MIDDLE	139	DJ - LITE	5096	6416	Yes
	TAIL	167	DJ - 50/50 POZ-MIX	6416	7674	Yes
PRODUCTION (LONG STRING) CASING	REMEDIAL CEMENT		SPACER FRESH WATER	243	3950	Yes
	REMEDIAL CEMENT		PRE FLU&SMS	243	3950	Yes
	REMEDIAL CEMENT		SPACER FRESH WATER	243	3950	Yes
	REMEDIAL CEMENT		DISPLAC&FRESH WATER	243	3950	Yes
	REMEDIAL CEMENT	750	LEAD CEMENT	800	3941	Yes

PERFORATIONS	Formation	Zone	Top	Btm	Date	Reason	Comments
	NIOBRARA	A	7225	7241	07/06/2007	PRODUCTION	Nio "A"
	NIOBRARA	B	7273	7289	07/06/2007	PRODUCTION	Nio "B"
	NIOBRARA	C	7350	7370	07/06/2007	PRODUCTION	Nio "C"
	CODELL		7500	7518	07/05/2007	PRODUCTION	

Comments: