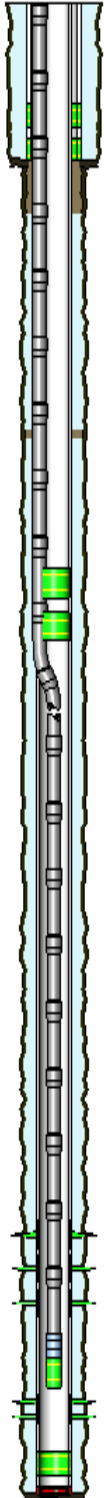


**KERR-MCGEE OIL AND GAS ONSHORE LP**  
**VONDERLAGE 39-36**  
**SW SW 31 3N 66W 50S FSL 47S FWL**  
**WELD, COLORADO**  
**05/23/2013**

AREA: S4      ROUTE: S46    Spud: 07/01/2008    WINS No.: 93025    AFE/WO#: 88350690    API#: 0512326750

GL: 4822    KB: 4834    MTD: 7527    TVD: 7445    LOG MD:    PBMD: 7535    PBTVD: 7453

Directions: HWY 85 & CR26, 1/2 MILE WEST, NORTH INTO



HOLE SECTIONS	Size	Top	Btm	TD Date
SURFACE	12.25	12	685	07/02/2008
PRODUCTION	7.88	685	7577	07/04/2008

TUBULARS	Tool Type	Joints	Size	Weight	Grade	Thread	Top D	Bottom D
SURFACE CASING	Casing	14	8.63	24.00	J-55	STC	12	635
	Baffle	1	8.63				635	635
	Casing	1	8.63	24.00	J-55	STC	635	672
	Saw Tooth Shoe	1	8.63		J-55		672	673
PRODUCTION CASING	Casing	171	5.50	17.00	I-80	LTC	12	7535
	Latch Down Baffle	1	5.50				7535	7535
	Casing	1	5.50	17.00	I-80	LTC	7535	7559
	Casing Float Shoe	1	5.50				7559	7561
PRODUCTION TUBING	Tubing	233	2.37	4.70	J-55	8RD EUE	12	7363
	Seating Nipple	1	2.38				7363	7364
	Notched Collar	1	2.38				7364	7364
BRIDGE PLUG	Retrievable Bridge F	1	4.50				3384	3390
BRIDGE PLUG	Retrievable Bridge F	1	4.50				3294	3300

CEMENT JOBS	Stage	Sacks	Cement Jobs	Top D	Btm D	cbl
SURFACE CASING	PRIM CMT 1ST STAGE	315	LEAD SWIFTCM - HOT	12	673	No
PRODUCTION CASING	PRIM CMT 1ST STAGE	400	LEAD ECONOCM SYSTEM	2460	6700	Yes
	PRIM CMT 1ST STAGE	130	TAIL RFRACCM SYSTEM	6700	7561	Yes
PRODUCTION CASING	ONE INCH JOB	325	LEAD FRESH WATER	723	2441	Yes

PERFORATIONS	Formation	Zone	Top	Btm	Date	Reason	Comments
	NIORARA	A	7132	7140	09/02/2008	PRODUCTION	
	NIORARA	B	7180	7196	09/02/2008	PRODUCTION	
	NIORARA	C	7241	7255	09/02/2008	PRODUCTION	
	CODELL		7400	7420	08/29/2008	PRODUCTION	

Comments: