

OPERATOR State of New Mexico - NMOCD District 1			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # <b>6-7</b>			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD <b>3052'</b>	PBD	RKB	PERFS
SURFACE <b>10" @ 201'</b>	INTERMEDIATE	PRODUCTION <b>7" @ 3024'</b>	LINER
OPERATOR CHARGE CODE			BENTERRA CHARGE CODE

This well is part of the "Sierra Blanca P&A Project" conducted by Benterra Corporation for the State of New Mexico.

11/18/02

MIRU Key Energy Unit #166. RD + install WH chapter  
 Plans. Installed BOP + WH w/ 6 1/8" bit on 2 3/8"  
 thg - tagged @ 45'. RD Key Pump + 1/2  
 trucks. Rotated w/ tongs + circ - running  
 somewhat rough + only made 1' in 30 minutes. POH  
 w/ bit - had broken teeth in middle row of one  
 cone. WH w/ 3 7/8" bit on 2 3/8" thg + tagged  
 @ 77'. Rotated w/ tongs + circ for 15 minutes -  
 Made no progress. Bit running roughly + torqued  
 out twice. POH w/ bit - had 6 broken teeth  
 on outer row of one cone. Discussed well  
 w/ Gary Wink w/ NMOCD + he wanted to defer  
 further work. RD & RPU.

H. BENTERRA  
 11/18/02

OPERATOR State of New Mexico - NMOCD District 1			DATE See Below
LEASE & WELL NUMBER North Caprock Queen Unit # 6-7			COUNTY & STATE Lea, New Mexico
FIELD North Caprock			FORMATION Queen
TD 3052'	PBD	RKB	PERFS OH 3024' - 3052'
SURFACE 10" @ 247'	INTERMEDIATE	PRODUCTION 7" @ 3024'	LINER
OPERATOR CHARGE CODE			BENTERRA CHARGE CODE

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7-18-02

MIRU Benterra #4, WITH w/ FST (fluid sampling tool) w/ 3 1/2" bushing - stopped @ 40'. WITH w/ 1" bar + tagged botm @ 3014'. Remove 3 1/2" bushing + re-ran FST (NOW 2 1/4" MAX OD) - drag in hole + we stopped running into hole @ 2000' due to drag. POH + tool drag to near surface. No fluid rec in tool. Estimated FL @ 1100' by wet line. RD.

10/3/02

RU Key PT. Loaded hole w/ 39 bbls FW (chlorides = 201 ppm), used centrifugal to load then pumped w/ triplex @ 1/2 BPM + 10. psc. WITH tanking in side outlet connections + screw-on cap. Also, weld @ 5 1/2" collar to they hd has slight leak. At 108 bbs, had water + black oil coming from ground WITH + slight amount from surface pipe riser; bled press + RD Key PT. MIRU Benterra #4. WITH w/ 2" SB + tagged @ 1484'. POH + RD.