

WORK OVER PROCEDURE

WELLNAME:	W Riverside 20-1		
API #	05-123-22285		
Location:	2066 FSL660 FWL NWSW 20 5N 61W 6th PM		
SPUD DATE:	8/9/2004		
SURFACE CASING SIZE:	8.625", 24#/ft Wt, Grade, 317', 12.25" hole		
SURFACE CEMENT:	Cemented to surface w/ 225 sxs		
TD:	6717		
AQUIFER DEPTH:	600', Depth to water in 1 mile radius		
ORIGINAL COMPLETION:	Completed in J Sand originally (6928' - 6943' & 6967' - 6987') in 1985. Deepened and completed in Dakota in 2001 (Open Hole). Recompleted in Codell/Niobrara (6304' - 6322' & 6376' - 6382'). ALL ZONES COMMINGLED.		
FORMATIONS:	As found in well:	W Riverside 20-1	
	Niobrara	6086	'
	Fort Hayes	6220	'
	Carlile	6258	'
	D Sand	6638	'
	J Sand	6700	'
REPLUGGING PROCEDURE:	1) MIRU ON LOCATION. ND WH, NU BOP, RU WORK FLOOR, CONTROL WELL, TOO H WITH 2 3/8TH" TBG		
	2) MIRU WIRELINE, TIH W/CIBP & CCL. SET CIBP 6050' W/ 2 SX CEMENT ON TOP. RDMO WIRELINE		
	3) REMOVE CSG SLIPS AND DETERMINE CSG STRETCH		
	4) MIRU WIRELINE. SET CSG IN TENSION, TIH WITH JET CUTTER AND CUT CSG AT 600'		
	5) TOO H W/CUT 4 1/2" CSG. LAY DOWN CSG		
	6) TIH WITH 2 3/8THS TBG AND TAG CASING STUB. STING INSIDE CSG 75'.		
	7) MIRU CEMENTERS. ESTABLISH CIRCULATION, PUMP 375 SXS CEMENT TO SURFACE. TOO H, LAY DOWN TBG		
	8) ND BOP. CUT OFF BELL NIPPLE & CASING TO 4' BELOW GROUND LEVEL. FILL TOP OF CASING WITH READY MIX AS NEEDED		
	9) WELD ON PLATE. OPERATOR NAME, API NO., LOCATION		
	10) FILL SURFACE HOLE, MAKING SURE TO REPLACE TOP SOIL LAST		
	11) RIG DOWN AND MOVE OUT ALL EQUIPMENT		