

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