

## WORK OVER PROCEDURE

WELLNAME:	<b>McPhearson #2</b>	
API #	05-123-05180	
Location:	660' FNL1980 FEL NWNE 19 5N 61W 6th PM	
SPUD DATE:	10/26/1956	
SURFACE CASING SIZE:	10.75", Wt, Grade, 89', 12.25" hole	
SURFACE CEMENT:	Cemented to surface w/ 150 sx.	
TD:	6744	
AQUIFER DEPTH:	No Fox Hills, Depth to water in 1 mile radius	
ORIGINAL PLUGGING PROCEDURE:	TD(6709),Sand(TD-6662), 5sx cmt(6662-6631),pulled csg(5800-0),mud(6631-89),mud(53-18),5 sx cmt surf plug	
FORMATIONS:	As found in well:	W Riverside 20-1, API 05-123
	Parkman	3197 '
	Niobrara	6086 '
	Carlisle	6258 '
	D Sand	6638 '
	J Sand	6700 '
REPLUGGING PROCEDURE:	<ol style="list-style-type: none"><li>1) LOCATE WELL</li><li>2) DIG OUT CASING WITH BACKHOE &amp; INSPECT CASING PLATE, RESERVE TOPSOIL FOR RECLAMATION</li><li>3) IF SEALED, HOT TAP CASING TO CHECK FOR PRESSURE</li><li>4) CUT-OFF PLATE, TRIM UP CASING FOR BELL NIPPLE FOR BOPE</li><li>5) MIRU WORKOVER RIG, PUMP AND TANK. NU BOPE W/ ROTATING HEAD, RIG UP POWER SWIVEL</li><li>6) PU 6 1/8" BIT, SUB, DC ON TUBING</li><li>7) DRILL OUT SURFACE CEMENT, IF ANY AND PLUG AT BASE SURFACE WITH WATER</li><li>8) WASH HOLE DOWN TO 3500', WITH WATER/POLYMER AS NEEDED</li><li>9) CIRCULATE AND CLEAN UP HOLE</li><li>10) SPOT 200 SX CEMENT PLUG (590 ft) @3400', PULL TUBING TO 2800'. REVERSE OUT TUBING AND CLEAN UP EXCESS CEMENT</li><li>11) SHUTDOWN OVERNIGHT</li><li>12) TIH &amp; TAG CEMENT PLUG, RECORD TAG</li><li>13) TOO H WITH BIT TO 700'. LAY DOWN TUBING ON TOO H</li><li>14) PUMP 235 SX CEMENT PLUG @ 700' TO SURFACE. PULL TUBING OUT OF HOLE.</li><li>15) ND BOPE. CUT OFF BELL NIPPLE &amp; CASING TO 4' BELOW GROUND LEVEL. FILL TOP OF CASING WITH READY MIX</li><li>16) WELD ON PLATE. OPERATOR NAME, API NO., LOCATION</li><li>17) FILL SURFACE HOLE, MAKING SURE TO REPLACE TOP SOIL LAST</li><li>18) RIG DOWN AND MOVE OUT ALL EQUIPMENT</li></ol>	