



Geo N.  
**Mitchell Drilling Company, Inc.**

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## RIG #9

<b>DEPTH RANGE:</b>	8,000 feet
<b>DRAWWORKS:</b>	Gardner-Denver 500. Powered by Cummins KTA 1150-600HP Engine
<b>DERRICK:</b>	Butler Parks 105' Double with 260,000# Hook Load
<b>BASE:</b>	4 1/2' H x 14' W x 40' L, 400,000# Rated, Pony Sub (If needed.) 7' H x 40' L
<b>PRIMARY PUMP:</b>	Gardner-Denver FXN, 7 1/2" x 14" with 6" liners. Powered by Cummins KTA 1150-525HP Operating rate: 420 GPM with 1200 PSI of pressure
<b>STANDBY PUMP:</b>	See list of optional equipment.
<b>MUD SYSTEM:</b>	See list of optional equipment.
<b>BLOWOUT PREVENTERS &amp; ACCUMULATORS:</b>	See list of optional equipment.
<b>ROTARY TABLE:</b>	Gardner-Denver 17 1/2"
<b>BLOCK &amp; HOOK:</b>	Gardner-Denver 200 Ton - Combination Block & Hook
<b>SWIVEL:</b>	Gardner-Denver 200 Ton with Foster-77 Kelly Spinner
<b>KELLY:</b>	4 1/4" x 40'-square
<b>DRILL PIPE:</b>	8000' x 4 1/2" X-Hole, Grade E 16.60#
<b>DRILL COLLARS:</b>	(20) – 6 1/4" x 31' X-Hole
<b>ASSOCIATED EQUIPMENT:</b>	Sure Shot Model "A" Straight Hole Tool, Pilot II Automatic Driller, Martin & Decker, "Clipper" Weight Indicator, Halliburton Wireline & Measuring Device, (2) 25 KW Light Plants, 2500 Gallon Fuel Tank, 120 Barrel Water Storage Tank, Slips & Elevators, One gasoline water pump, Pipe Racks & Tubs.
<b>COMMUNICATION:</b>	24-hour communication between rig, toolpusher, drilling superintendent and/or Carmi, Illinois office via radio and/or mobile phone.