



Geo N.
Mitchell Drilling Company, Inc.

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RIG #14

DEPTH RANGE:	7,000 feet
DRAWWORKS:	Cabot "550" Portable Crane Carrier, 12.5L-60 Series Detroit Engine 525HP
DERRICK:	Cabot 102' Double with 250,000# Hook Load
BASE:	8' H 38' L T-type Sub and 4' H Back on Sub, if needed.
PRIMARY PUMP:	Continental EMSCO D500, 7 1/4" x 16" with 6" liners. Powered by 14L-60 Series Detroit-525 HP Operating rate: 420 GPM with 1500 PSI of pressure.
STANDBY PUMP:	See list of optional equipment.
BLOWOUT PREVENTERS & ACCUMULATORS:	See list of optional equipment.
ROTARY TABLE:	Brewster 17 1/2" driven by drawworks.
BLOCK & HOOK:	IDECO, 4 Sheave, 200 Ton – Combination Block & Hook
SWIVEL:	IDECO 200 Ton with Foster-77 Kelly Spinner
KELLY:	4 1/4" x 40'-square
DRILL PIPE:	7000' x 4 1/2" X-Hole, Grade E 16.60#
DRILL COLLARS:	(18) – 6 1/4" x 31' X-Hole
ASSOCIATED EQUIPMENT:	Sure Shot Model "A" Straight Hole Tool, Pilot II Automatic Driller, Martin & Decker "Clipper" Weight Indicator, Halliburton Wireline & Measuring Device, (1) 40 KW Light Plants, 1500 Gallon Fuel Tank, 230 Barrel Water Storage Tank, Slips & Elevators, Pipe Racks & Tubs.
COMMUNICATION:	24-hour communication between rig, toolpusher, drilling superintendent and/or Carmi, Illinois office via radio and/or mobile phone.