

NICKLOS DRILLING COMPANY

RIG 5

DRAWWORKS:	BOMCO 1500 E, Grooved for 1-3/8" drill line with dual failsafe hydraulic disc brakes, with two 800 kw traction motors with air conditioned drillers cabin
BRAKE:	BOMCO Eddy Current with standard electric control with brake water cooling system
POWER SYSTEM:	3 ea. 1476 HP Caterpillar 3512B SCAC engines with Kato 6P6-3300 1950 kva generators complete with SCR/Motor Control Center house
MAST:	BOMCO API mast, 147' H x 30' W Cantilever Mast, 350 ton Static Hook Load, 7 Sheave Crown Block
SUBSTRUCTURE:	BOMCO 30' high SlingShot API Substructure, 25' clear height and 350 ton rotary capacity with simultaneous 180 ton setback capacity
PUMPS:	2 - BOMCO F-1600 Triplex Mud Pumps, 1600 HP, each powered by two 800 kw traction motors, with discharge pulsation dampeners
MUD SYSTEM:	2 Tank Mud System, 1,000 bbls, Shaker tank complete with sand trap, 3 Cone Derrick Desander, 16 Cone Derrick Desilter, Derrick Vacuum Degasser, 2 – Derrick High G Linear Motion Shale Shakers, 2 - 6" x 8" mechanical sealed centrifugal pumps powered by 100 HP motors, agitators. Suction tank, with slugging pit, 2 - 6" x 8" mechanical sealed centrifugal pumps powered by 100 hp motors, mud hopper, and Brandt agitators.
ROTARY:	BOMCO 37-1/2" Rotary Table, powered by model 800 kw traction motor with static load capacity of 1,300,000 pounds
TRAVELING EQUIPMENT:	BOMCO 350 ton Block, with BOMCO 350 ton Hook, and BOMCO 500 ton Swivel
BLOWOUT EQUIPMENT:	1 - Hydril GK 13-5/8" 5000 psi Annular Blowout Preventer, 1 - Cameron Type "U" 13-5/8" 10,000 psi Double Ram Preventer, 1 - Cameron Type "U" 13-5/8" 10,000 psi Single Ram Preventer, 4" x 3" 10,000 psi Choke Manifold, 7 station 160 gal. accumulator with remote panel, atmospheric degasser
AUXILIARY EQUIPMENT:	Petron automatic driller, DAQ digital recording system, 2 floor air hoists, two 194 cfm electric screw compressors, kelly & pipe spinner
DRILL STRING:	5" OD Drill Pipe 15,000', 12 - 8" OD Drill Collars, 21 - 6-1/2" OD Drill Collars, 15 joints HWDP