

BONUS RIG # 2

1	CARRIER
Specifications	1976 COOPER LTO-550 (refurbished 1999) Self-Propelled Four Axle Drilling Rig S/N A-6377, Single Front Tires 445/65R22.5 & Dual Rear Tires 1100 x 20. Overall dimensions with mast 20.73m (68') L, 2.6m (8'6") W, 4.42m (14'6") H. 49,895 Kgs (110,000lbs) c/w the following :-
Engine	Detroit Diesel Series 60 Engine S/N 06R0424829, Model WDDXL127TGD
Transmission	Allison Automatic Transmission CLT 6061 7 Speed
Drawworks	Cooper LTO 550 Drawworks – 4210 Double Drum Rated at 550 HP S/N LTO-939 Main Drum Grooved for 1" Drilling Line c/w 2436 in ² Braking Surface (42" x 10" Brakes) Sandline Drum, 10,000' x 9/16" Line c/w 1750 in ² Braking Surface (38" x 8" Brakes). Hydromatic Brake TSM 21" Water Brake
Other Equipment	1 x Pullmaster M10 & 1 x M12 Tuggers 1 x Otis Survey Unit (Slickline) c/w 10,000' .092 wire 1 x Air Compressor Drillers Console c/w Martin Decker Weight Indicator Double Mast Raising Rams 1 x 1" 3000' Drilling Line on Spool (plus 2 spare spools) Hand Rails
2	SUBSTRUCTURE
Specifications	Stab On Substructure 5.89m(19'4") L x 3.66m(12') W x 4.27m(14') H. Floor 4.88m(16") x 4.60m(15") Open Work Area c/w Fold Down Handrails. Ideco Model 1725 Rotary Table. Rated at 300,000lbs Casing Load with 250,000lbs Set Back
Other Equipment	BOP Test Stump on rails One Hydraulic Makeup Ram and One Hydraulic Breakout Ram (mounted under rig floor) Substructure Lights Pony Sub 1 x Vee Door 4 x Sets of Stairs 1 x Flow Line c/w Flow Show Pocket
3	MAST
Specifications	Skytop Mast 110' Rated @ 275,000lbs Static Hook Load, S/N 275-XF-595 with 6-Sheave Crown – 4 x 24" Grooved 1". 1 x 36" Grooved 1" (Fastline) and 1 x 20" Grooved 9/16" (Sandline) 1 x Telescoping Ram and Manual Locking System
Other Equipment	Baash Ross DBM-430 150 Ton Drilling Block 4 x 1" Sheave BWS19800 c/w Hook Oilwell PC 225 Swivel 1 x Square Kelly c/w sock 1 x VARCO 4KRVS Drive Bushing plus 1 x Mouse Hole Spinmaster 950H Hydraulic Pipe Spinner Gill Kelly Spinner
4	BOP's
Specifications	11" 3M Shaffer Spherical Annular S/N 419513F. ID No. BWS13800 11" 3M Shaffer Double Gate BOP, S/N 2824 c/w Rams 7", 5½", 4½", 3½", CSO. ID No. BWS13800 11" Drilling Spool with 2 x 3 1/8" Side Outlets 1 x 3 1/8" HCR valve 1 x 2 1/16" NRV 2 x 2 1/16" Gate Valves

5	CATWALK
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CATWALK: 13.92L x 2.51W x1.83H. c/w Snub Post
Top Is Constructed of Wood w/ Pipe Guides
Two sets of access stairs to ground

PIPE RACKS: Four (4) Steel Constructed Racks
Racks Are 3' - 6'H., 25' L.
Racks Are Pinned To Side of Catwalk
Racks Fold In For Transport Mode

MATTING: Steel frames c/w wood planking
10-pieces I.D. No. 681-684

6	DOGHOUSE
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SPECIFICATIONS Totally Enclosed, Steel Constructed Work Area
Raised and Lowered by Hydraulic Scissor
Two Access Doors, 2 Visibility Windows
c/w 24 hour lighting
Overall Dimensions 4.32L X 2.57W X 2.90H

CONTENTS: 1-Geograph –6 pen Dril Sentry Recorder AAS-46100
1-Automatic Driller's Box
Assortment of Hand Tools
1-4-1/2" Stabbing Valve ID No. BWS24802
1-4-1/2" Inside BOP Valve ID No. BWS24803
1-Bulletin Board
1-Chart Box
1-White Board
1-knowledge box containing assorted company forms

7	MUD PUMP #1
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PUMP HOUSE: Triple Skid, Complete w/ Rain Shelter

ENGINE: Caterpillar Industrial 3508 TA S/N 95Y01027 A/N 4W0280

TRANSMISSION: Allison Automatic CLT 8962 5 speed S/N 4669

PUMP: Gardner Denver Model PZH (PZ-8)
Maximum 750 HP Triplex Pump
Maximum Plunger 7" x 8" Stroke
Maximum Pressure Rating 5000 PSI
Maximum 580 GPM @ 2000 PSI @ 2000 PSI S/N 81V131

MANIFOLD SYSTEM: 8" Suction c/w Butterfly Valves
3" – 5000# Discharge Gate Valve
3" – 5000# Pop Off Valve
2" – 5000# Bleed Off Valve
Overall Dimensions 10.69L X 3.66W X 3.53

8	MUD PUMP #2
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PUMP HOUSE: Triple Skid, Complete w/ Rain Shelter

ENGINE: Caterpillar Industrial 3508 TA S/N 95Y01028 A/N 4W0280

TRANSMISSION: Allison Automatic CLT 8962 5 speed S/N 5252

PUMP: Gardner Denver Model PZH (PZ-8)
Maximum 750 HP Triplex Pump
Maximum Plunger 7" x 8" Stroke
Maximum Pressure Rating 5000 PSI
Maximum 580 GPM @ 2000 PSI S/N 77V021

MANIFOLD SYSTEM: 8" Suction c/w Butterfly Valves
3" - 5000# Discharge Gate Valve
3" - 5000# Pop Off Valve
2" - 5000# Bleed Off Valve
Overall Dimensions 10.69L X 3.66W X 3.43H

9	MUD TANK
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MUD TANK: Triple Skid 450 BBL, 4 Compartment System
Fully Grated Top c/w hand railings
24 hour lighting as per spec
Overall dimensions 15.32L X 3.73W X 3.48H

MIX HOUSE: Dual Electric 50 HP 6" x 5" Centrifugal Mixing Pumps
3" x 4" Mixing Hopper c/w 1 1/2" Orifice
Containment for Minimal Chemical Storage

MIXING TANK: 100 BBLs. c/w Mud Jet and Clean-Out Gate
Suction Pots and Skimmer Nipple
One (1) 10 HP Mud Agitator

DEGASSER TANK: 150 BBLs. c/w Mud Jet and Clean-Out Gate
Suction Pots and Skimmer Nipple
One (1) 10 HP Mud Agitator
One Poor Boy Degasser

SHAKER TANK: 150 BBLs. c/w Mud Jet and Clean-Out Gate
Suction Pot and Skimmer Nipple

SHALESHAKERS: 2 x A.W.D. 5 HP Low Profile Linear Shakers
5 BBL. Sand Trap c/w Clean-Out Gate

TRIP TANK: 50 BBLs. c/w Mud Jet and Clean-Out Gate
5 HP 3 x 2 Electric Hole Fill Pump
Controlled From Drillers Console

DESILTER: Double Life V410 Desilter
10 x 5" cones w/ 5/8" orifice
Rated @ 650 GPM @ 75ft TDH

CHOKE 5 - 2 1/16" @, x 3000# Cameron valves
4 - 3 1/8" x 3000# Cameron valves
2 - Willis M-2, 3000# adj. 2" x 3" Chokes
Complete w/ crossed & target flanges
3" straight through gutt line

GAUGE PANEL: 3 -4" Gauges c/w 3/8" x 4000psi remote hose

MISCELLANEOUS CONTENTS: 2-55' X 3" Grade C Kelly Hose
1-9' x 4" Grade C Shock Hose
2-13' & 1-10' x 3" Grade C Shock Hose
1-16' & 1-11' x 3" Slim Hole Rotary Hose
1-11' x 2" 2000 Psi Hose
1-11' x 8" Suction Hose
1-7' x 8" 180 deg. Vent Line Loop
1-6' x 3" 180 deg. Degasser Loop
300 Amp Power Distribution Panel & 5-2' flourescent fixtures c/w power cord
2-4' x 3' Shale Slides
2-8' X 3' Shaker Walk Arounds
1-Chemical Barrel
1-Storage Cabinet
1-Water Manifold
3-Boat Winches
1-Mix Hopper
2-Hydraulic Hand Pumps c/w Ram to Lift Deck
Assorted Clamps & Hangers & Stairway

10	GENSET/ COMBINATION BUILDING
BUILDING	Triple Skid, Totally Enclosed 3 Compartment Individual Access Doors To Each Compartment Overall Dimensions 15.32 L., 3.73 W., 2.67 H.
STOREROOM:	10 Lockers Roof Mounted Air Conditioner 4-Fire Extinguishers 1 SG Smart Level 1 PVT Instrumentation Panel 1-pump Sensor 1-Weight Sensor 1-Geolograph Chart Assembly 1-Chart Recorder 1-Drillers PVT Monitor 1-Drift Tool 6-2'Flourescent Lights for outside of building 1-lot miscellaneous electrical parts Stretcher
ACCUMULATOR HOUSE:	4 Station, 90 Gallon Accumulator c/w 8 Bottles Hose Reels for BOP Lines 9-1" x 45' Fire Sleeved BOP Hose Storage Bins and General Work Bench 1- 50kg Fire Extinguisher Assortment Hand Tools Assortment Air, Hydraulic, and Pipe Fittings Assortment Nuts and Bolts Assortment Chains, Hammer Unions, BOP Hoses and Cable Clamps 1-Simplex Jack 4 sensor hard wired H2S monitoring system Geronimo escape buggy
GENERATOR HOUSE:	2 x Detroit Diesel Series 50, 8.5 Litre Rated @ 215 KW Prime Power each (at 60 hz) S/N's 04R0020983 - 04R0020982 Electrical Distribution Panel c/w breakers, etc. Electrical Cords One Lot Miscellaneous electrical spare parts Quincey Air Compressor c/w 100 gal storage tank

11	TOOL HOUSE
SPECIFICATIONS	Metal/Skidded Building C/w shelving and misc. spare parts Overall Dimensions 7.01 L., 3.05 W., 2.62 H.

WATER TANK:	<p>Total Fresh Water Capacity 200 BBLS</p> <p>Contains Doghouse on scissor jacks in Transport Mode</p> <p>Acts as Hydromatic Brake Supply</p> <p>Rust Protect, and One Clean-Out Gate</p>
LUBE ROOM :	<p>Self-Contained Maintenance Area for Rig</p> <p>Storage Tanks for Oils</p> <p>Single ½ HP Fuel Transfer Pumps</p> <p>Single 3 HP Water Pump</p> <p>Cat Model 310 Wash Gun c/w 150' of 3/8" hose</p> <p>Assortment Hammer Wrenches</p> <p>Electrical Panel w/120' cord</p> <p>3-1" Fuel Hose</p> <p>1-Earth to ground cable</p> <p>Assortment BOP studs</p> <p>2-Air Filters for Cat 3508 Diesel Engines</p>
FUEL TANK:	<p>Total Diesel Fuel Capacity 4000 Gal.</p> <p>Pan Broke, and Back Welded Seams for Security</p> <p>Plastic lined</p> <p>Sealed Man-Hole Inspected Lid</p>
JUNK SKID:	<p>Rack for Hydraulic Pipe Spinner</p> <p>Rack for Pick Subs and XO Subs</p> <p>Miscellaneous storage compartments</p> <p>1 x 4 ½", 150 ton DP elevators</p> <p>1 x 6 ¼" DC Zip Elevators</p> <p>Casing elevators for 9 5/8", 7", 5 ½"</p> <p>DC slips for 8", 6 ¼"</p> <p>1 x 4 ½" DP slips</p> <p>Slips for 9 5/8", 7", 5 ½" Casing</p> <p>Spider bowl for 9 5/8" Casing</p> <p>Pair of BJ Type F Manual Tongs c/w jaws 2 3/8" – 8 5/8"</p> <p>Bit breakers for 6 ¼", 8 ½", 12 ¼", 17 ½" bits</p>
SUBS :	<p>3 x 6 5/8 REG pick up subs</p> <p>4 x 4 ½ XH pick up subs</p> <p>2 x 6 5/8 REG pin x 4 ½ XH crossover subs</p> <p>1 x 6 5/8 REG bit sub</p> <p>2 x 4 ½ REG x 4 ½ XH bit subs</p> <p>2 x 6 ¼" OD x 4 ½ XH non-rotating saver subs</p> <p>1 x 6 5/8 REG LH upper Kelly valve</p> <p>2 x 4 ½ XH FOSV's / lower Kelly valve</p> <p>1 x 4 ½ XH IBOP valve</p>

13	PIPE TUB # 1
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SPECIFICATIONS Constructed from I Beam
Overall Dimensions 11.58L x 2.39W x 1.07H

DRILL PIPE: 130 Joints- 4 ½" O.D. Drill Pipe
16.6 lb/ft, Grade "G"
4 ½" X.H. connections
Tool Joint 6 ¼" O.D.

HEVI-WATE: 9 Joints, 4 ½" O.D.
4 ½" X.H. connections
Tool joint O.D. 6 ¼"

DRILL COLLARS: 3 Joints- 8 " O.D. slick

14	PIPE TUB # 2
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SPECIFICATIONS Constructed from I Beam
Overall Dimensions 11.58L x 2.39W x 1.07H

DRILL PIPE: 130 Joints 4 ½" O.D.
16.6 lb/ft, Grade "G"
4 ½" X.H. connections
Tool Joint 6 ¼" O.D.

DRILL COLLARS: 14 Joints – 6 ¼ " O.D. spiral, zip recess
4 ½" X.H. connections

**OTHER
EQUIPMENT:** 1-8" Degasser Line
7-3" x 21' Flare Line
1-3" x 22' Pipe
1-3" x 12' Pipe

15	TOOLPUSHERS OFFICE
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SPECIFICATIONS 20' Container c/w desks, shelves filing cabinet

16	COMPANY MAN OFFICE
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SPECIFICATIONS 20' Container c/w desks, shelves filing cabinet