

CROSCO COMPANY PRESENTATION

March, 2019



ORGANIZATIONAL STRUCTURE OF INA GROUP



- INA, d.d. is a medium-sized European oil company with a leading role in Croatian oil business and a strong position in the region.
- The Group comprises a number of companies either partially or fully owned by the company INA, d.d. The registered office of the company is at Avenija Većeslava Holjevca 10, Zagreb, Croatia. INA Group had 10,782 employees on December 31, 2017. The Group holds a dominant position in oil business in Croatia; it is a leader in oil and gas exploration and production, in oil processing and in oil and oil derivatives distribution.
- Sustainable development is considered one of the fundamental principles of INA's business and represents our continuous commitment to the balanced integration of economic, environmental and social factors in daily operations with the aim to increase the common values as well as recognize, prevent and avoid possible negative impacts.

SUBSIDIARIES IN CROATIA

- CROSCO, d.o.o. | STSI, d.o.o. | INA Maziva d.o.o. | HOSTIN d.o.o. | Top Računovodstvo Servisi d.o.o. | INA Maloprodajni servisi d.o.o. | Plavi tim d.o.o. | INA Jadran d.o.o.

SUBSIDIARIES ABROAD

- INA Slovenija d.o.o. Ljubljana | INA BH d.d. Sarajevo | INA d.o.o. Beograd | INA-Crna Gora d.o.o. Podgorica | Holdina d.o.o. Sarajevo | Adriagas S.r.l. Milano | Energopetrol d.d.

ORGANIZATIONAL STRUCTURE OF CROSCO GROUP



SUBSIDIARIES

- ROTARY DRILLING Co. Ltd. 100%
- CROSCO UKRAINE LLC 100%
- CROSCO INTERNATIONAL Ltd. Tuzla – Bosnia and Herzegovina 100%
- CROSCO B.V. – Netherlands 100%
- CROSCO S.A. DE C.V. – Mexico 99%
- SEA HORSE SHIPPING INC. 100%
- NORDIC SHIPPING LIMITED 100%



MANAGEMENT BOARD / COMPANY DIRECTOR

MARKETING & BUSINESS DEVELOPMENT

FINANCE & BO MANAGEMENT

Finance

OPERATIONS

Drilling

Workover

Well Services

Maintenance

FUNCTIONAL UNITS

Human Resources

QHSE Management

Legal

Security Management

Services Management

BRANCH OFFICES & SUBSIDIARIES

VISION

CROSCO's priority is to provide integrated and individual onshore and offshore drilling and well services with highly experienced personnel.

Another objective of the company, and the responsibility of each employee, is to continually exceed industry standards for Health, Safety, Environment and Quality and to continually improve Efficiency and Profitability.

MISSION

- We **provide integrated and individual services**
- We **promote creativity, flexibility and innovation**
- We **satisfy and exceed our client's requirements, demands and expectations**
- We **strive to develop long-term relationships and partnerships** with clients
- and other drilling and service companies
- We **continue to grow** our international activities and **meet demands** of the Croatian market
- We **strive for continual improvements** in Health, Safety, Environment and Quality
- We ensure **highly trained, experienced and motivated employees**
- We strive for **continual improvements in efficiency and profitability**

QUALITY MANAGEMENT SYSTEM



CROSCO's Quality Management System based on the Internationally recognized ISO 9001:2015 standard and certificated by BVC (since 2001).

SCOPE OF SUPPLY:

- DRILLING AND WELL SERVICES,
- WELL DESIGN, ENGINEERING AND
- MAINTENANCE OF EQUIPMENT IN OIL AND GAS INDUSTRY

CROSCO'S BUSINESS OBJECTIVES:

- CROSCO is creating and promoting partnership relations with clients and suppliers,
- CROSCO is fulfilling all the expectations of its clients and constantly improving its services,
- CROSCO is continually monitoring global development of technology and learning about areas of activity,
- CROSCO is educating, training, choosing and motivating workers capable of flawless performance and constantly improving work processes,
- CROSCO is working in compliance with adopted standards and specifications, and any regulatory requirements,
- CROSCO is permanently monitoring and improving the quality management system.

The strategic commitment and objective of CROSCO is to become a globally recognized oilfield service contractor.



ENERGY MANAGEMENT SYSTEM



CROSCO's Energy Management System based on the Internationally recognized ISO 50001:2011 standard and certificated by BVC (November 17th 2015).

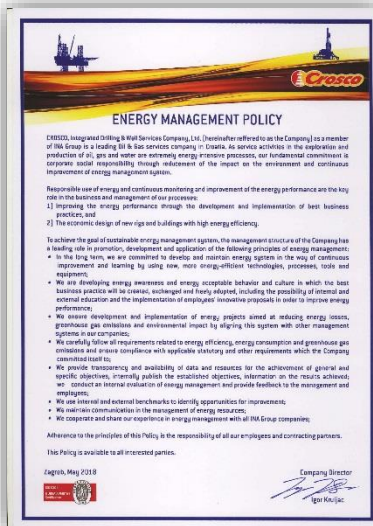
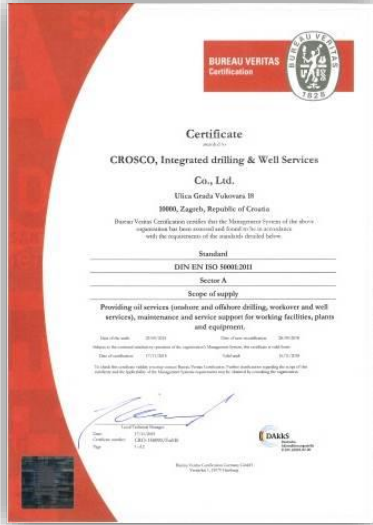
SCOPE OF SUPPLY:

Providing oil services (onshore and offshore drilling, workover and well services), maintenance and service support for working facilities, plants and equipment

CROSCO'S BUSINESS LOCATIONS:

- Ulica grada Vukovara 18, Zagreb 10000, Republic of Croatia,
- Industrial site Ivanić Grad, Industrijska cesta 1, Ivanić Grad 10310, Republic of Croatia,
- Industrial site Žutica, Žutička bb, Ivanić Grad 10310, Republic of Croatia

Realisation of the Energy Management Policy shall increase the competitiveness of the Company, and thereby reduce greenhouse gas emissions, sustainable manage natural resources and preserve the environment for future generations.



HEALTH, SAFETY AND ENVIRONMENT

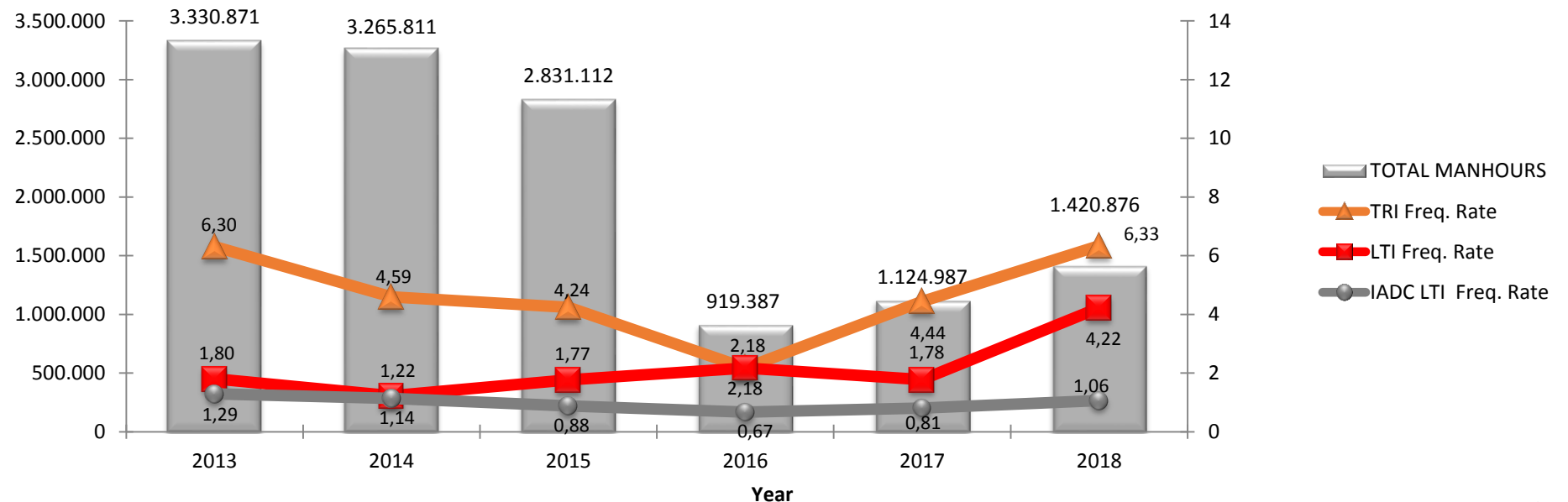


In order to protect personnel, equipment, environment and operator's goods against injuries/illnesses, damages/losses and/or potential harms during the operations, CROSCO has implemented and maintains *Health & Safety and Environmental Management System*.

The HSMS and EMS are:

- Designed and implemented in accordance with OHSAS 18001:2007 specification and ISO 14001:2015 standard respectively
- Harmonized with the requirements of oil and gas producers
- Containing and implemented continual improvement system to achieve improvements in overall HS&E performances
- Fully integrated into Company's management system
- Certified and periodically audited by BVC

Manhours



HEALTH, SAFETY AND ENVIRONMENT



Health and Safety targets are:

- No occupational illnesses
- No fatalities
- LTI free operations

CROSCO works on the principle that all injuries should be prevented.

Environmental targets are:

- No environmental incidents
- No statutory environmental liabilities
- Environmentally friendly operations

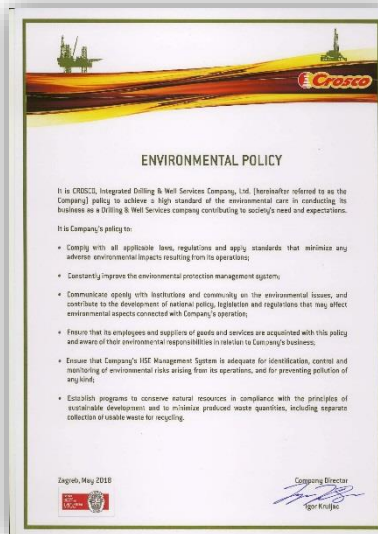
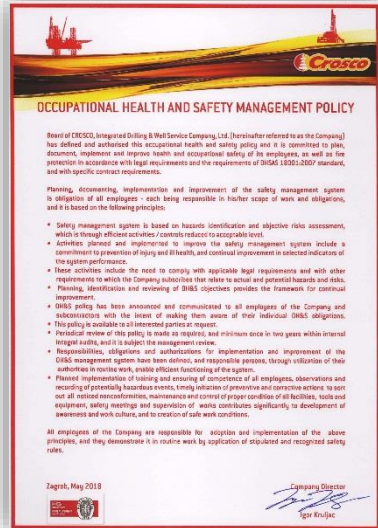
Development of a Contract HSE Plan and Waste Management Plan is CROSCO's standard.

We consider that HSE management is just one aspect of managing the business as a whole.

The set HSMS & EMS targets and objectives are a part of our strategic targets and objectives.

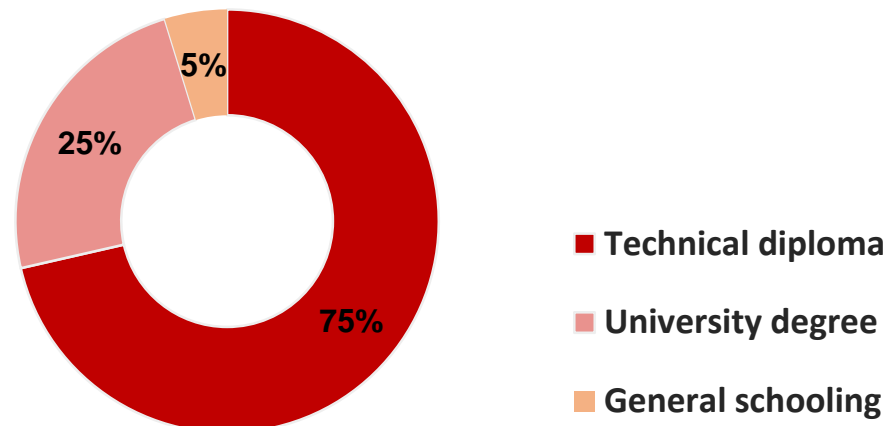
Our aim is to be recognized world-wide as a low-HSE-risk contractor and by our environmental excellence.

Our objective is to constantly improve our HSE performance.



- CROSCO employs around 1000 employees
- CROSCO's employees have a high level of know-how and experience
- Workforce and know-how present key values to our business success
- Care for employees and their development is our continuous strategic priority
- We continuously invest in the education and training of our employees
- ~ 90% of employees have passed in-house courses and training
- We develop and promote good team relations and efficient communication among employees
- We promote acknowledgements and awards for employee commitment and achievements.

EDUCATIONAL STRUCTURE OF EMPLOYEES





SEMINARS AND SPECIAL COURSES

Develop new ideas to support company future manpower needs

Internationally recognized certificates:

- IWCF well control certificate (level 2, 3, 4)
- IADC rig pass

IN-HOUSE COURSES

Based on the special needs and demands of the client/company concerned



TRAINING CENTRE

Courses in the area of well technology, safety and management are continually developed closely following technological improvements

CROSCO's instructors - certified courses specialized for petroleum industry Internal and external trainings

On job trainings: expanding the scope of job tasks

Development and monitoring of careers at the local and international level



INTEGRATED DRILLING SOLUTIONS

DRILLING

WORKOVER

WELL SERVICES



Well testing services

Cementing & Stimulation services

Well logging

Slickline

Coil tubing & Nitrogen

Directional drilling services

Mud services

Fishing services

H₂S services

Tubular & Running

Inspection of the lifting equipment

Well control equipment services

Tubular inspection service

Downhole equipment services

Rig floor equipment services

MAINTENANCE



Process Machinery Service

Preventive Maintenance System

Energetics Service



OFFSHORE

- **Labin** jackup drilling unit Livingston 111-C
Independent Cantilever 55 ft.
Max. water depth: 350 ft
Drawworks: National 1320 UE (2000 HP)
Mud pumps: National 12-P-160 x 3 pcs

ONSHORE

- Emsco 602 | Emsco 605 | R-67 2000 HP
- Emsco 401 1500 HP
- National 402 1000 HP
- Ideco 301 | Skytop 3 | Lyb-37 900 HP

ROTARY DRILLING Co. - DRILLING RIGS

- R-68 1500 HP
- R-69 1000 HP
- Lyb-42 900 HP





- National 3 | Cardwell 8 100 t
- IRI 1 | IRI 2 | IRI 3 | Cardwell 5 65 t
- Cardwell 3 60 t
- RP-501 | KRAZ 4 | KRAZ 5 50 t
- Cardwell 4 40 t



ROTARY DRILLING Co. - WORKOVER RIGS

- Lyb-38 | Lyb-39 | Lyb-40 | Lyb-43 | KK-10 375 HP
- KK-23/24 303 HP



WELL TESTING

- 3 three phase separator units 1440 psi (100 bars)
- 3 three phase separator units 500 psi (34 bars)
- 4 indirect heater units
- 2 test tanks
- Auxillary equipment (piping, Choke manifolds, Data headers, flares, DEA, ESDS, Compressors, transfer pumps, injection pumps)



DRILL STEM TEST (DST)

- Conventional Halliburton hydrospring tools (OH/CH)
- FF Halliburton hydrospring tools (OH/CH)
- FF LPR-N tools
- Surface pressure control equipment
- Sampling equipment





WELL LOGGING

OPEN HOLE WELL LOGGING

- *2 open hole units*

- Resistivity logging
- Nuclear logging
- Acoustic (sonic) logging
- Auxiliary logging
- VSP
- Logging in water wells

CASED HOLE WELL LOGGING

- *4 cased hole units*

- Correlation & technical condition logging
- Production logging
- Perforation services
- Reservoir monitoring (PNN)



SLICKLINE SERVICES

- Slick line units - 3 pcs
- Slick line units with crane - 3 pcs
- Slick line off shore unit with cable – skid mounted
- Portable slick line off shore unit – skid mounted
- Lightweight slick line units – 6 pcs
- Cable unit for SRO measurements
- BOP and surface pressure control equipment

PRESSURE AND TEMPERATURE GAUGES

- Mechanical gauges
- Electronic memory gauges
- Surface Read Out gauges



CEMENTING & STIMULATION

CEMENTING

- Casing and liner cementing
- Remedial cementing
- Cement job design
- Laboratory testing according to API specifications
- Cement storage and blending services
- Cementing heads and swedges
- Running cement retainers/bridge plugs

STIMULATION

- Hydraulic fracturing
- Acidizing
- Gravel pack
- Stimulation job design
- Laboratory testing according to API specification
- Pumping services
- Acid storage and mixing services



COILED TUBING

- Tubing size 1", 1 ¼"
- Well Lifting/Unloading
- Well Circulation
- Wellbore Cleanout
- Acid Wash and Stimulation
- Cementing
- Light Duty Drilling / Milling
- Fishing
- Data Acquisition System



NITROGEN SERVICE

- Lifting
- Pipeline purging
- Displacing fluids and generating foam
- Reducing hydrostatic pressure in wells to perforate or testing





DIRECTIONAL DRILLING AND CORING SERVICES

- Directional, horizontal and straight hole performance drilling using mud motors
- Well planning and managing survey data with directional drilling software
- Measurement While Drilling (MWD) services (directional and gamma)
- Surveying operations with electronic single and multi-shot instruments
- Conventional coring in consolidated formations



MUD SERVICES

- On site preparation and mud treatment
- Testing and Lab Services according to API specification
- Solids control



FISHING SERVICES

- Cased and Open Hole Fishing Services
- Internal and External Catching
- Wellbore Obstructions Removal
- Packers and Plugs Milling and Retrieving
- Casing and Tubing Cutting Services
- Milling and Washover Operations
- Casing Patching
- Power Swivel Units
- Fishing Tools Workshop



H₂S SERVICES

- *Fixed monitoring for detection of H₂S and flammable gas with alarm system*
 - *Portable and Multigas detectors*
 - *Detector pumps with tubes (piston and bellows type unit)*
 - *Self Contained Breathing Apparatus-SCBA*
 - *Supplied (Work and Escape) Air Breathing Apparatus-SABA*
 - *High pressure breathing air compressors*
 - *Cascade airline system*
- Protection from H₂S and other dangerous gases
 - Enform H₂S Alive training course



RIG FLOOR EQUIPMENT SERVICE

- Maintenance, service and testing: Tubing, Casing and Drill pipe Manual and Power Tongs, Elevators, Spiders, Safety Clamps, Links, Bushings, etc.

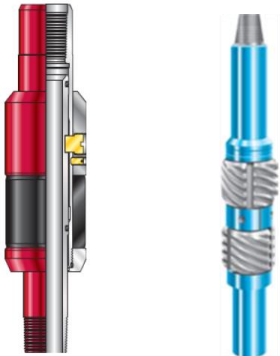
TUBULAR RUNNING SERVICES

- Tubular running services facilitate safe and efficient running of tubulars (drill pipe, tubing and casing), minimizing wellsite risk and reducing nonproductive time.



WELL CONTROL EQUIPMENT SERVICE

- Maintenance, testing and field service: Surface Wellhead & Christmas Tree, Ram, Spherical and Annular BOP's, Choke Manifolds, Flow Heads, High Pressure Lines, Gate Valves, Flanges, etc.)



DOWNHOLE TOOL SERVICE

- Maintenance, testing and field service: Retrievable and Permanent Packers, Tubing Anchors, Sliding Sleeves, Safety Joints, Landing nipples, Casing Scrapers, Cup Testers, DST Tools, etc.



TUBULAR INSPECTION SERVICES

- Tubular inspection services following customers' specifications, DS-1, API guidelines and NS-2 standard: Drill pipes, BHA and OCTG.

API CONNECTIONS REPAIR

- Connections recuts are the most common type of tubular repair, we remove the minimum amount of material required to ensure a full repair. Trained and experienced machinist ensure that each job is done to API standards, DS-1 standard or NS-2 standard.

NON DESTRUCTIVE TESTING MATERIAL SERVICES

- Visual, Dimensional, Magnetic testing, Penetrant testing, Ultrasonic testing, Eddy current testing, Hardness testing, Wall thickness measurement

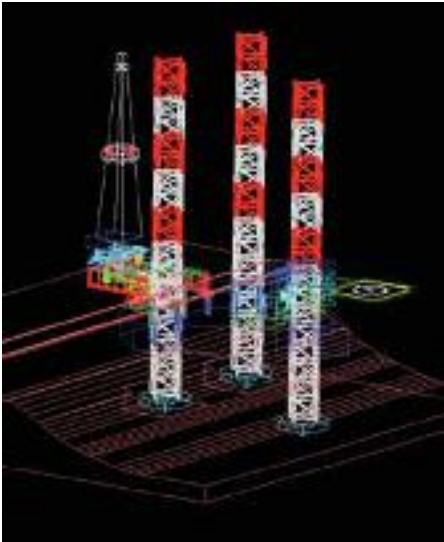
INSPECTION OF THE LIFTING EQUIPMENT

- Thorough examination, testing and NDT of lifting equipment: General lifting equipment- Slings, Shackles, Clamps, padeyes etc.; Winches & powered hoists; Pedestal & mobile cranes; Overhead gantry cranes, swing jibs & runway beams; Fork lift trucks & stackers; Containers, baskets & other CCU's.





- CROSCO provides corrective and preventive maintenance is provided for drilling and workover rigs (onshore and offshore), well services equipment, process machinery equipment, electric and electronic equipment, oil tools.
- These services were developed for the requirements of CROSCO and other MOL Group needs as well as for other clients.

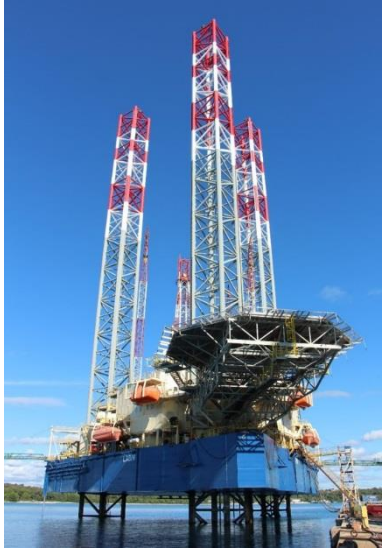


Maintenance Service provides:

- Oil industry equipment reconstruction and upgrade
- Development of construction and maintenance projects for equipment and facilities
- Supervision, consulting and project management
- Preventive maintenance computerized system management
- Ex-proof equipment maintenance & periodic inspections
- Service and overhaul of the drilling and workover rigs and all types of drilling/workover/well service equipment and tools

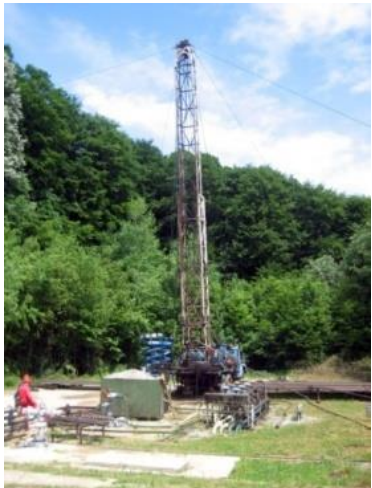
CROSCO GROUP ACTIVITIES





Jackup drilling unit - LABIN

Ready stacked, shipyard Uljanik, Pula



OPERATOR – INA, d.d.

Drilling, Workover, Well Testing, Cementing & Stimulation, Well Logging, Coil Tubing & Nitrogen Services, Fishing & Well Control Service, Directional Drilling Service, Coring Service, H₂S Service, Mud Service, Hydrogeological & Geomechanical Service, Maintenance

OPERATOR – INA Jadran

Stimulation Service, Well Testing, Slickline Service, Well logging



OPERATOR - BANKERS PETROLEUM ALBANIA

Drilling unit - SKYTOP 3

Drilling unit - LYB-37

Cementing and pumping services



Available drilling unit

Drilling unit - IDECO 301



CROSCO UKRAINE LLC - KIEV

OPERATOR – PJSC Ukrigasvydobuvannya (UGV)

Drilling unit - EMSCO 605

Drilling unit - R-67

Drilling unit - EMSCO 401

Cementing services



Available Drilling unit

Drilling unit - EMSCO 602

BRANCH OFFICE - CAIRO



ROTARY DRILLING

OPERATOR - MOL Hungarian Oil and Gas Plc.

Drilling and Workover Rig Services

Drilling units – R-68, R-69, Lyb-42

Workover units - Lyb-38, Lyb-43,

Well Services - Integrated Services package

(Nitrogen units, Coiled tubing, Production test, Slick line, Tubular handling,)

Downhole Tool, Fishing Tool and Workshop Services

Well Capping Service

Mud Plant Service



OPERATOR - NOV

Mud Services

OPERATOR – TDE ITS Ltd.

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)





ROTARY DRILLING

OPERATOR – RAG Kiha Ltd

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)

OPERATOR - MB 2001

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)

OPERATOR – TÉT-3 Ltd.

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)

OPERATOR - Messer Széndioxid Ltd.

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)





ROTARY DRILLING

OPERATOR – O & GD Central Ltd.

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)



OPERATOR - O&GD Berettyóújfalu Concession Ltd.

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)

OPERATOR - O&GD Nádudvar Concession Ltd.

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)



OPERATOR - O&GD Újláta Concession Ltd.

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)



ROTARY DRILLING

OPERATOR – O&GD Nagykáta Concession Ltd.

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)



OPERATOR - OGD Ócsa Concession Ltd.

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)

OPERATOR -LINDE

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)



OPERATOR - Petroszolg Ltd.

Well Services - Integrated Services package

(Nitrogen units)

ROTARY DRILLING



OPERATOR – GEOINFORM

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)

OPERATOR – VERMILION Hungary Battonya-dél Koncessziós Ltd.

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)



OPERATOR – Folyópart Energia Ltd.

Well Services - Integrated Services package

(Production test, Slickline, Tubular handling, Downhole, Nitrogen units, Coiled tubing)

INTERNATIONAL ACTIVITIES within INA - Naftaplin



COUNTRY	PERIOD	TYPE OF SERVICE	OPERATOR
ALBANIA	1996 - 1997	Drilling, Well Serv., Well Logging	INA-NAFTAPLIN, PREMIER
AUSTRIA	1995 - 1995	Drilling Services	ROTARY, BRAUMANN
CROATIA	1982 - 1986	Drill., Well Serv., Geoph. Surveys - Offshore	AGIP, CHEVRON, TEXACO
CYPRUS	1969 - 1970	Drilling Services - Onshore	FOREST OIL CORP.
CZE	1995 - 1996	Stimulation Serv., Well Logging	KAC
EGYPT	1964 - 1966	Geophysical Surveys	EGDO - EGYPT
ETHIOPIA	1958 - 1961	Geophysical Surveys	ETHIOPIAN GOVERNMENT
INDIA	1964 - 1965	Drilling Services - Onshore	ONGC
IRAQ	1978 - 1984	Drilling Services - Onshore	INOC
ITALY	1978 - 1980	Drill. and Well Serv. - Offshore	SIR, BURMACH OIL, ITALY
JORDAN	1968 - 1972	Drilling Services - Onshore	INA-NAFTAPLIN, JORDAN GOVERN.
LIBYA	1990 - 1992	Drilling and Well Services - Offshore & Onshore	SIRTE OIL, INA-NAFTAPLIN
RUSSIA	1993 - 1994	Consulting/Supervising Well Services	WSS, OMV
SLOVAKIA	1995 - 1996	Stimulation Services	KAC
SLOVENIA	1993 - 1996	Drilling, Well Services, Well Logging Services	GEOTEHNICNA DELA, NAFTA LENDAVA
SYRIA	1974 - 1979	Drilling Services - Onshore	SPC
TUNISIA	1989 - 1989	Drilling Services - Offshore	DEUTSCHE TEXACO
TURKEY	1989 - 1989	Drilling Services - Offshore	DEUTSCHE TEXACO
UKRAINE	1996 - 1996	Drilling Services	ITAG
VIETNAM	1979 - 1980	Well Logging Services	AGIP

CROSCO INTERNATIONAL ACTIVITIES



COUNTRY	PERIOD	TYPE OF SERVICE	OPERATOR
ALBANIA	2000 - 2005	Seismic Services, Drilling Services Onshore, Cementing, Well Logging etc.	OCCIDENTAL, INA-ALBANIA, OMV
	2000	Geoservices	OMV, INA
	2009 -	Drilling services	BANKERS PETROLEUM
AZERBAIJAN	2000 - 2002	Workover Services, Logging Services, DST, Drilling Services - Onshore	SALYAN OIL, KAOC
B&H	2000 - 2012	Geoservices	SODASO HOLDING D.D. / RUDNIK SOLI TUZLA
	2004 - 2005	Geoservices	OPĆINA ILIDŽA
	2005	Geoservices	UNIONVEST d.d., SARAJEVO
	2006	Geoservices	ALUMINIJ d.d., MOSTAR
	2008	Geoservices	HERING d.d. ŠIROKI BRIJEG
	2010	Geoservices	OPĆINA BUŽIM
CROATIA	1996 -	Integrated Drilling and Well Services	INA
	2009 -	Integrated Drilling and Well Services	PSP OKOLI
	1998 - 2013	Geoservices	INA, JANAF, VIADUKT, BECHTEL INT., JAN DE NUL, TEHNIKA, KONSTRUKTOR, HRVATSKE CESTE, HIDROELEKTRA, HRVATSKE VODE, OSIJEK-KOTEKS, D'APPOLONIA, LUKA PLOČE, STRABAG, POMGRAD INŽ., SWIETELSKY, ZAKLADANI STAVEB, RADNIK, TEMPO
	2004	Drilling Services - Offshore	INAgip, EDINA
	2013 - 2014	Drilling services - Offshore	INAgip
	2015 - 2016	Drilling & Well Services – Geothermal	GEOEN

CROSCO INTERNATIONAL ACTIVITIES



COUNTRY	PERIOD	TYPE OF SERVICE	OPERATOR
CUBA	2001 - 2002	Drilling Services - Onshore	PEBERCO
CZECH.REP.	2001 - 2001	Fracturing Service	KAC-CZECH.REP.
EGYPT	1999 - 2000	Drilling Services - Offshore	PETROBEL
	2001 - 2002	Geoservices	INA
	2007 - 2009	Workover Services - Onshore	KHALDA
	2005 -	Drilling Services - Onshore	INA, RWE Dea, IEOC, AGIBA, SUCO, EDISON, BAYPETCO, SIPETROL, GUPCO, GSPC, MARINA
EQUATORIAL GUINEA	2006 - 2007	Drilling Services - Offshore	OEGC/DEVON
GERMANY	1997	Well Testing Services	NORMEC
HUNGARY	2001	Drilling Services - Onshore	HORIZON, XPRONET
	2005 - 2007	Drilling Services - Onshore	FALCON/TXM
IRAQ-KURDISTAN	2011 - 2016	Drilling Services - Onshore	KALEGRAN
ITALY	2002	Well Logging	BAKER ATLAS
	1996 - 2013	Drilling Services - Offshore	ENI
IVORY COAST	2007	Drilling Services - Offshore	EDISON International

CROSCO INTERNATIONAL ACTIVITIES



COUNTRY	PERIOD	TYPE OF SERVICE	OPERATOR
LIBYA	1996 - 2014	Drilling Services - Offshore	INA, AGIP OIL, ENI GAS, TOTAL
	2004 - 2006	Crew Services - Workover/Completion Operations	SABRATHA
	2006 - 2016	Crew Services - Maintenance	MELLITAH GAS (SABRATHA)
	2003 - 2014	Drilling Services - Onshore	AGIP OIL, WOODSIDE, TOTAL, WINTERSHALL, MELLITAH OIL & GAS, ENI NA
	2013 - 2015	Drilling Services - Offshore	TOTAL E&P LIBYE, ENI NA
MEXICO	2008 - 2009	Drilling Services - Offshore	PEMEX
MOROCCO	2000 - 2001	Drilling, Casing, Tubing, Running - Onshore & Offshore	LONE STAR
NETHERLANDS	2000	Workover Services - Onshore	BALANCE POINT CONTROL
NAMIBIA	2007	Geoservices	INA
OMAN	1999 - 2016	Integrated Services - Onshore	PDO
	2004 - 2005	Drilling Services - Onshore	HUNT OIL, JAPEX OMAN Ltd., ANADARKO
QATAR	2001 - 2006	Drilling Services - Offshore	TOTAL FINA ELF
	2002 - 2003	Geoservices	AL BAIDA TECHNICAL SERVICES
	2006 - 2007	Crew Services	NOBLE HARVEY DUHANEY

CROSCO INTERNATIONAL ACTIVITIES



COUNTRY	PERIOD	TYPE OF SERVICE	OPERATOR
SLOVENIA	2000 - 2011	Well Services	NAFTA-GEOTERM, PREMOGOVNIK-VELENJE
	2003	Geoservices	GZL GeoProjekt, d.d.
	2010 - 2011	Geoservices	GEOT d.o.o., IRGO CONSULTING
	2004 - 2005	Drilling Services - Onshore	NEMMOCO
	2010 - 2011	Drilling Services - Onshore	ASCENT
SYRIA	2000 - 2012	Seismic Services, Integrated Services Package & Drilling Services - Onshore	GEOFIZIKA, INA SYRIA, AL FURAT HAYAN PETROLEUM CO., DUBLIN, GULFSANDS, TATNEFT, IPR Mediterranean, DIJLA
	1999 - 2004	Geoservices	INA
THAILAND	1997 - 1999	Drilling Services - Onshore	DEUTAG/AMERADA HESS/ESSO
TUNISIA	2000 - 2004	Drilling Services - Onshore, Offshore (Barge)	OFIS, AGIP, MARATHON, PLUSPETROL, EUROGAS, ATHANOR/CMS/ANADARKO/PREUSSAG/OMV/THYNA Petroleum Services/PIONEER
TURKEY	2000 - 2003	Well Logging	AMITY OIL INTERNATIONAL
	2010 - 2011	Drilling Services - Onshore	ARAR
UAE	1999 - 2010	Geoservices	Private Dept. Of HH SHEIKH NAHYAN, Schlumberger Middle East, S.A.
UKRAINE	1997 - 2000	Workover Services	KASHTAN
		Drilling Services - Onshore	EURODRIL (JKX)
	2017 -	Drilling Services – Onshore Cementing services, Tubular Running	PJSC Ukgasvydobuvannya (UGV)

GENERAL REFERENCES




Providing services to the world's most recognized operators and many national oil companies:


AGIP OIL	AL FURATH	NORMEC (well testing services)
ANADARKO	GEOFIZIKA D.D. ZAGREB	OCCIDENTAL
ASCENT	GSPC (Gujarat State Petroleum Corp.)	OEGC/DEVON
AMITY OIL INTERNATIONAL	GULFSANDS PETROLEUM	OFIS
AMERADA HESS	GULF OF SUEZ PETROLEUM Co. (GUPCO)	OMV
ATHANOR	HAYAN PETROLEUM COMPANY	PDO
AGIBA	HORIZON	PEBERCO
BALANCE POINT CONTROL	HUNT OIL	PEMEX
BANKERS PETROLEUM	IEOC	PETROBEL
BAKER ATLAS	INA	PIONEER
BAYPETCO	INAGIP	PLUSPETROL
CMS	IPR MEDITERRANEAN	PREGOMOVNIK-VELENJE
DEUTAG	JAPEX OMAN LTD.	PREUSSAG
DIJLA PETROLEUM COMPANY	KAC-CZECH REP. (stimulation services)	RWE DEA
DUBLIN	KALEGRAN	SALYAN OIL
ENI	KAOC	SIPETROL
EDINA	KASHTAN	SUCO
EDISON	KHALDA	TATNEFT
EDISON INTERNATIONAL	LONE STAR	THYNA PETROLEUM COMPANY
ENI GAS	MARATHON	TOTAL E&P LIBYE
ENI North Africa B.V.	MELLITAH GAS (Sabratha) (maintenance, crew services)	TOTAL FINA ELF
EUROGAS	MELLITAH OIL & GAS	WINTERSHALL LIBYEN OIL AND GAS GMBH
EURODRILL (JKX)	NAFTA-GEOTERM	WOODSIDE
ESSO	NEMMOCO	XPRONET
FALCON/TXM	NOBLE HARVEY DUHANEY (crew services)	PJSC Ukrgasvydobuvannya (UGV)

REFERENCES






OCCIDENTAL OF ALBANIA (ONSHORE-2), LTD.
Rruga Mui Varibaba, Nr.11
Tirane, Albania
Tel: (355) 4 148454
Fax: (355) 4 148457

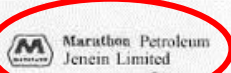


MEMORANDUM
OCCIDENTAL OF ALBANIA (ONSHORE-2) LTD.

OCCIDENTAL, Albania

OMV Albanien, Albania





Marathon Petroleum
Jenein Limited

MARATHON, Tunisia

LA MARSA November 17, 2000

For the attention of Mr. P. Cindric

Dear Mr. Cindric,

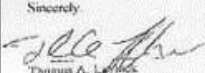
It is with great pleasure that I extend this note of commendation to the Croscos organization, in general, and the crew of the National 403, in particular. The outstanding execution by the personnel and rig equipment contributed greatly to our recent fast drilling performance on the Mbroek-1.

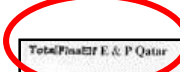
Our staff at Marathon Petroleum Jenein Ltd is not aware of any other well in southern Tunisia that was drilled and logged in -2350 meters in less than 20 days. With the National 403 and its crew, Marathon was able to reach 2363 meters TD and finish the dry hole logging program in less than 18 days.

We at Marathon hereby formally express our appreciation for the OHS/Croscos crew's rising to the challenge of the Incentive Bonus Target Curve. The rig experienced only 1 hour (0.2%) of downtime during the 215 days on daywork and the OHS/Croscos personnel consistently responded to both the existing demands of the Marathon management in Tunisia and the requirements of the resident drilling supervisors at the well site.


Congratulations on an outstanding job.

Sincerely,



Thomas A. Jones
Drilling Manager, MPJL




TOTALFINAEL, Qatar



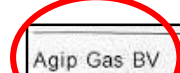
DEUTAG, ESSO, Thailand




ANADARKO, Oman




PDO (SHELL), Oman




AGIP GAS, Libya



WOODSIDE, Libya



ENI GAS, Libya



TATNEFT, Syria

To: CROSCO INTEGRATED DRILLING & WELL SERVICES
Co., Ltd.


Subject: Rig National 403 Performance

Dear Sir,

On behalf of TATNEFT Exploration & Production International AG, Syrian Branch we would like to thank Croscos National 403 management and crew for their efforts during drilling TATNEFT wells jadid-1, south Kishma101, North Al Sayyal -1 and south Kishma-1.

The performances achieved were very excellent, safety, penetration rates and well completion.

It has been a pleasure to work with N-403, and we hope to renewed the contract with you.

Drilling Manager

Mohamed Hanouf

INTEGRATED AND/OR INDEPENDENT WELL SERVICES

- Crosco's proven cultural and environmental adaptability
- Experienced and highly educated workforce
- Experienced with various international markets & operations
- Excellent educational and training system
- Integrated and certified HSE and Quality Management System (ISO)
- Integrated Management Information Systems SAP R/3, Galiot Offshore

HEADQUARTERS

Ulica grada Vukovara 18
10000 ZAGREB, CROATIA

Phone: + 385 1 3652 333

Fax: + 385 1 3096 448

E-mail: info@crosco.hr

Web: www.crosco.com

COMPANIES

ROTARY Drilling Co. Ltd., Nagykanizsa, Hungary
CROSCO UKRAINE LLC, Kiev, Ukraine
CROSCO INTERNATIONAL Ltd. Tuzla, Bosnia and
Herzegovina
CROSCO B.V. Netherlands
CROSCO S.A. de C.V. - Mexico

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