

UNCTAD

17th Africa OILGASMINE, Khartoum, 23-26 November 2015

Extractive Industries and Sustainable Job Creation

CNLC Experiences in Sudan: from Zero to One

By

Alraiah Abd Algadir Adam,
Human Resources Manager, China Petroleum Logging
Corporation, Sudan

The views expressed are those of the author and do not necessarily reflect
the views of UNCTAD.

CNLC Experiences in Sudan:

From Zero to One

By

Mr. Alraiah Abd Algadir Adam
(HR&TC Manager)

From Zero to One



New Comer

Market Leader

As a leading wellbore technical services company, CNLC entered into Sudan market since 1997. In the last more than 19 years, CNLC was involved and witnessed the writing of a very much brilliant page for Sudan Oil & Gas sector. At the meantime, CNLC (Sudan) grows up from zero to one, and now we become a well-know and reputable company here in Sudan .



Outline

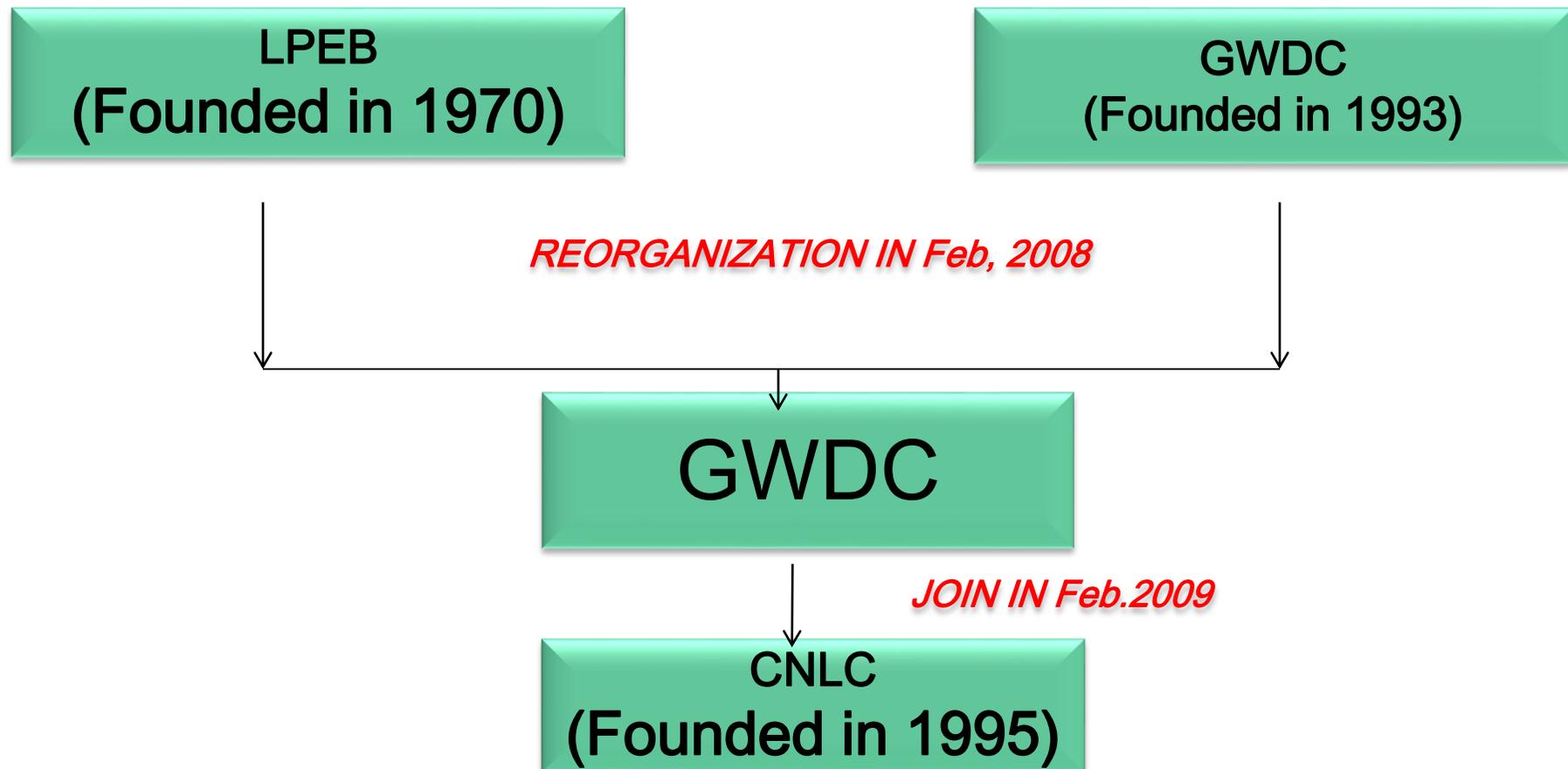


Part 1. Brief Introduction to CNLC

Part 2. Marketing Development

Part 3. Localization & contribution about Sudan Oil & Gas Sector

Re-Organization between CNLC and GWDC



Scope of Services



| Service | Number of Units |
|-------------------------|-----------------|
| Drilling/work over Rigs | 630 |
| Drilling Fluid | 243 |
| Cementing Units | 50 |
| Wire line Logging Units | 148 |
| Mud logging Unit | 422 |
| Well Test Crews | 116 |
| Acidizing & Fracturing | 15 |
| Direction Drilling | 120 |



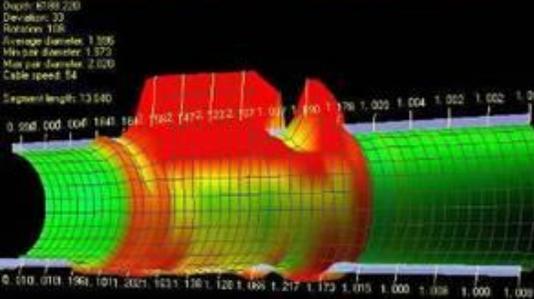
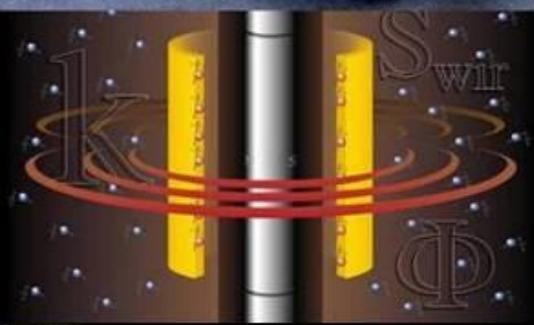
Wireline Logging

Open hole Logging/ Cased Hole Logging / Perforation

LEAP-800

New Technology for Sudan

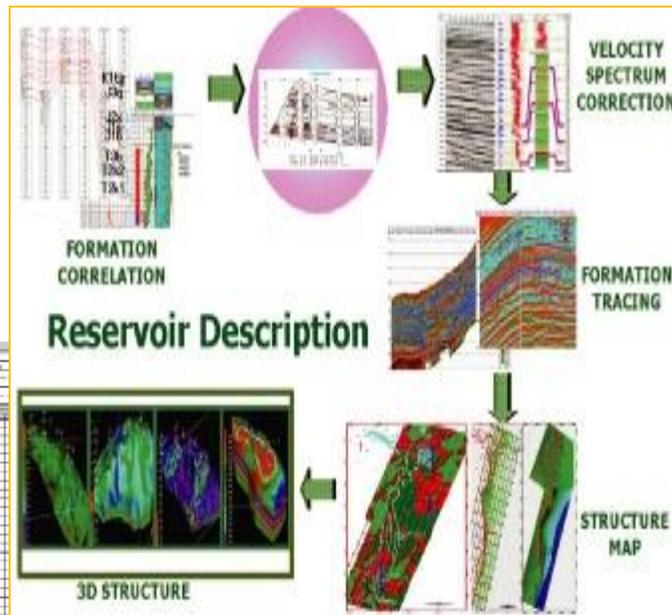
- ESP/Y-Tools (ESP BYPASS)
- PNN (Pulsed Neutron-Neutron)
- RLAC(Resistivity Log After Casing)
- HEPF(High Energy Perforation & Fracturing)
- MRIL-P (Magnetic Resonance Image Logging-Prime)



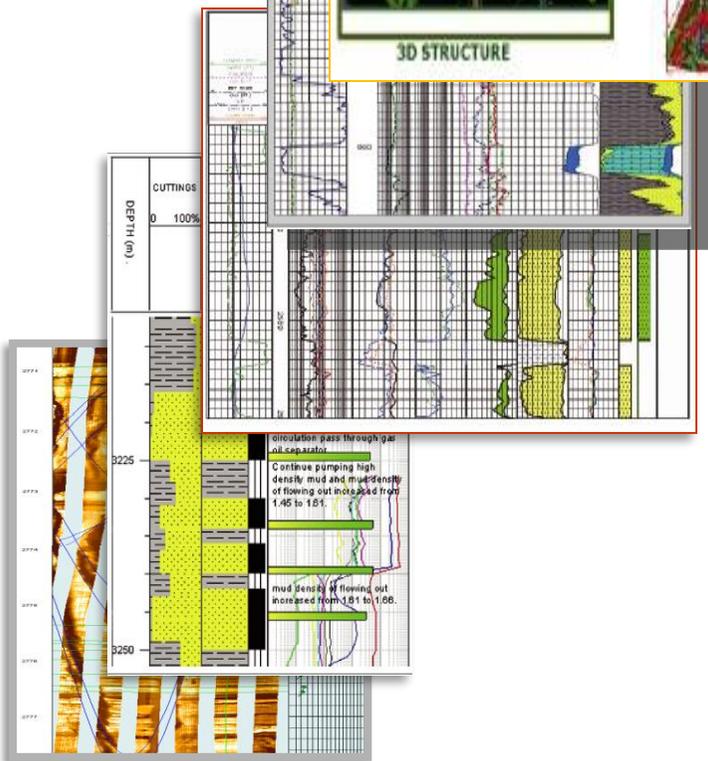
Advantage/SDL-9000/PM/WELLLEAP

- Geology Mud logging
- Drilling Monitoring
- Pressure Evaluation
- Gas Detection & Analysis
- QFT/WELLAB/LEAP-NET Services
- GEOLAB Analysis





- ✓ LQC (Log Quality Control)
- ✓ Data processing & Interpretation

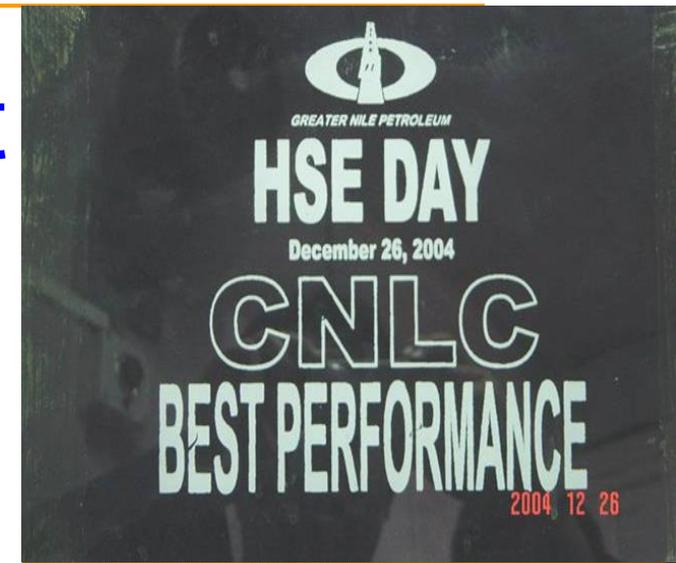


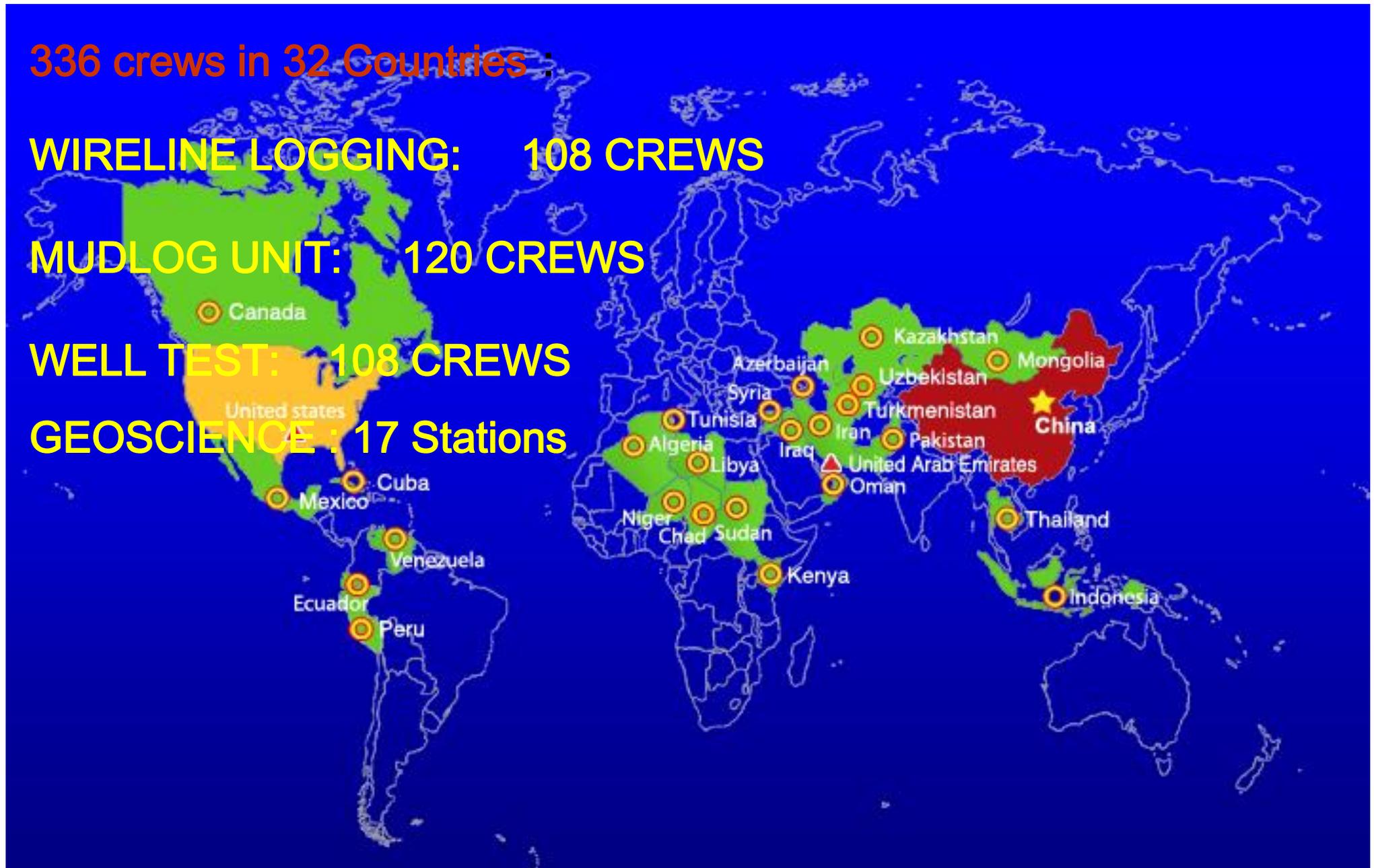
- Petro-physical Study
- Geological & geophysical Study
- Sequence Stratigraphic Study
- Consultancy Services
- Remaining Oil study (EPI-Electrical Potential Image)

QHSSE Management

HSE Strategic Objectives

- No Injuries
- No Accidents
- No Pollution





CNLC@Africa :

Sudan, South Sudan, Chad, Niger, Algeria, Kenya, Libya, Tunisia

Clients List



CNLC Clients

(Since 1997):

GNPOC (1/2/4)

Petro Energy (6)

STAROIL (17)

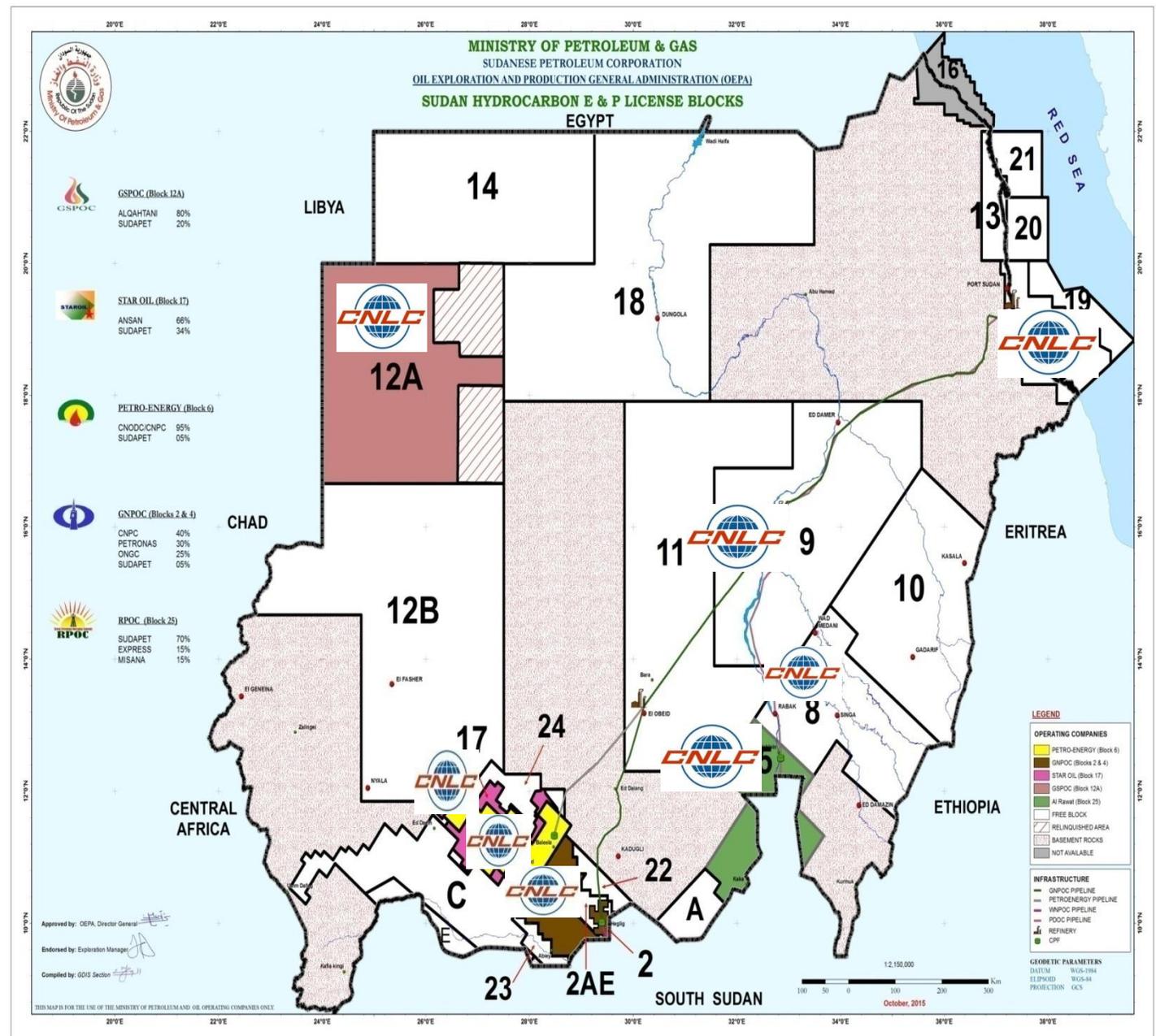
GSPOC(12A)

Sudapak (9/11)

WNPOC (8)

RPOC (25)

APOC(C)



CNLC On-Job Training







CNLC Training in China



CNLC Training In Norway

CNLC Sudan Localization

| Division | Numbers of Sudan Staff |
|-----------------------------------|------------------------|
| Wireline Logging | 66 |
| Mud Logging | 59 |
| Well Testing | 85 |
| Base | 20 |
| Khartoum Office (including GS) | 35 |
| Total | 265 |
| Localization Ratio | 83% |





Mr. Mohamed
Well Testing
Deputy Manager
11 Years in CNLC



Mr. Adam
Mud Logging
Deputy Manager
11 Years in CNLC



10 Years Excellent Staff Award Ceremony

- Provided training for OEPA & oil companies since 2003 covering **570 trainees**.
- **62 CNLC staff** joined in GNPOC, PDOC, Petro Energy, WNPOC, Sudapak, Sudapet, & OEPA.





Wherever we go
Whatever we do
Whoever we serve
It is perfection we pursue



Thank You!