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Education: B.Sc. with Honors in Petroleum Engineering from Universidad de Oriente (UDO) University, graduated in 2003 with the MAGNA CUM LAUDE academic distinction (Top in Class).

Executive Summary: B.Sc. with Honors in Petroleum Engineering from Universidad de Oriente (UDO, Anzoátegui State, Venezuela). A registered SPE professional engineer with over six (6) years of experience in the geomodeling, reservoir, simulation, well testing and production engineering in the technical and operational sides of the Oil and Gas industry.

Experience in Extra Heavy crude oil systems in the Orinoco Belt, Venezuela and standard black oil systems in West Texas, U.S. Expertise in both sides of the company: operational and technical. Expertise in reservoir modeling: Static model construction, Gridding, Upscaling for numerical simulation, History Match and production forecast of reservoirs. Advanced Material Balance techniques and Decline Curve Analysis. Designing and implementing of development plans for fields under conventional exploitation with vertical wells (40, 20, and 10 acres infill programs) and unconventional methods (horizontal wells, multilateral wells). Water-flooding team leader (optimization / surveillance plan). Pressure Transient Analysis of conventional/unconventional wells. Economic analysis of projects, risk analysis. Overall experience in geologic areas as a geo-modeler (geostatistics, petrophysics, seismic interpretation, geology). A highly motivated Reservoir Engineer with strong work ethics and proactive team skills.

Languages: Spanish (Native language), English (speaking, reading and writing)

Associations: Member of the Society of Petroleum Engineers (SPE)

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. 6
Submitted by:
OXY USA, INC.
Hearing Date: January 19, 2012

Main Schools: Integrated Reservoir Modeling (Petroskills); Geostatistic Modeling of Reservoirs (Universidad de Oriente), Geostatistics (PDVSA/CIED), Transient Test Analysis (ESPOIL), OFM (Schlumberger), Petrophysics (ESPOIL), VBA/Advanced Excel (Executrain), Psim@ConocoPhillips (ConocoPhillips), Hydraulic Fracturing / Pressure Analysis (SPE).

Softwares:

- Geostatistics / Static Modeling: Geostatistical Software Library (GSLIB), Petrel, Irap-RMS, Geographix.
- Material Balance Softwares: MBAL (Petroleum Expert software)
- Numerical Simulation: Eclipse, PSIM, Stars/Imex, Ecrin (Rubis).
- Production/Operations: Ecrin (Topaze, Saphir), Pipesim, RODSTAR.
- Economics, Others: Visual Basic, Crystal Ball, Merak Peep 2002.

Work Experience:

1. October 2010 – Current. Sr. Reservoir Engineer. OXY USA Inc., Houston, TX, U.S.:

- **Address:** 5 Greenway Plaza, Suite 110, Houston, TX, 77046.
- **Dates of Employment:** 10/18/2010 – PRESENT
- **Supervisor:** David Schellstede – 1-713-366-5013 (US)
- **Hours worked per week:** 40

Key Job Responsibilities:

- Reservoir Engineer for the North New Mexico / Terrell RMT (NNMT), Permian BU.
- Designing, Planning, and Execution of Capital Programs – Primary development.
- Base Production Surveillance / Keeping Oxy in compliance with NMOCD.
- Reservoir Characterization.
- Support mid-year and year-end Reserves Process.
- Mentoring early-career engineers.

Key Accomplishments:

- Economic reactivation of a marginal asset.
- A portfolio of 50 horizontal wells (5000 ft lateral length) in the 2nd Bone Spring formation, 100+ vertical wells in (40 acres spacing) in the Yeso formation – Indian Basin, and 6 horizontal wells (5000 ft) in the 1st Bone Spring formation - Limousine area, has been built in a timeframe of 3-4 months. As a milestone, a 100 MM\$ development program is planned for execution for 2012 in the NNMT.

- In order to maintain base production and keep Oxy in compliance with NMOCD, several optimization, and about 20+ recompletion projects have been identified and being implemented to improve base production performance. As a milestone, a radial drilling technology has been applied in 5 wells, as a pilot for production acceleration.
- Numerical models have been built for the most important projects in order to improve reserves estimation.
- Mentoring early career engineers on OFM, Advanced Decline Curve Analysis, and Numerical Simulation.

2. March 2010 – September 2010. Sr. Reservoir Engineer. ConocoPhillips, Midland, TX, U.S.:

- **Address:** 600 N. Dairy Ashford, Houston, TX, 77079.
- **Dates of Employment:** 04/01/2010 – 10/1/2010
- **Supervisor:** Roger Thompson – 1-432-688-9047 (US)
- **Hours worked per week:** 40

Key Job Responsibilities:

- Reservoir/EOR Team leader for the Cedar Creek Anticline Unit.
- Coordinate Technical studies with SST: Geomodeling and Numerical Simulation.
- Prepare full-field forecasts accountable for reserves records (Waterflood and CO2).
- Reservoir characterization analyzing and integrating data from PBU's, Falloffs, Injection Profiles and XPT's.
- Evaluate alternatives and recommend optimum phasing of proposed CO2 injection.

Key Accomplishments:

- An EOS model was built for CHSU Field under the mentoring of the SST Group.
- A Mechanistic Simulation Model was built for a Pattern for CHSU: History Matched (Depletion/ Waterflood Performance as a Compositional mode)
- Model was tuned including Falloff's, PBU's and PTA's studies of horizontals wells completed in the Field, and geological data (SCAL data, log data, analogs)
- Reserves Assessment of different CO2 WAG injection schemes analyzed to define the best technique for the Field. EOR recovery was compared with WF Recovery Factor.
- Final model obtained for CO2 forecast.

3. May 2007 – March 2010. Sr. Reservoir Engineer. ConocoPhillips, Houston, TX, U.S.:

- **Address:** 600 N. Dairy Ashford, Houston, TX, 77079.
- **Dates of Employment:** 05/07/2007 – 03/31/2010
- **Supervisor:** Peter Bowser – 1-832-486-2394 (US)
- **Hours worked per week:** 40

Key Job Responsibilities:

- Team leader for the Gandu field
- Construct and history match of a 400 wells field with 60 years of production history..
- Prepare full-field forecasts accountable for reserves records.
- Reservoir characterization analyzing and integrating data from PBU's, Falloffs, Injection Profiles and XPT's.
- Design and implement of a water-flood expansion.
- Design and implement water-flood surveillance program.
- Construct and history match of the Embar-Devonian model to optimize new field development and plan secondary recovery.

Key Accomplishments:

- Gandu production increased from 1,200 bopd to 2,500 bopd and continue to increase as a result of application of a 20-acre spacing development plan, optimization plan of base production, and the implementation of a water-flood project .
- Simulation expert in PSIM and Eclipse.
- Mentored RE's in Eclipse, PSIM, OFM and Ecrin.
- Mentored geologists in Petrel.

4. Dec 2004 – Apr 2007. Reservoir Engineer. Petrozuata (PDVSA-ConocoPhillips), Orinoco Belt, Venezuela:

- **Address:** *Av. Nueva Esparta c/c Calle Cerro Sur, Edificio Centro Bahia Pozuelos, Barcelona, Edo. Anzoategui, Venezuela.*
- **Dates of Employment:** *12/04/2004 – 04/18/2007*
- **Supervisor:** *Robert Kopper – 1-303-955-5391 (US)*
- **Hours worked per week:** *40*

Key Job Responsibilities:

- Team leader Eastern Area for the Zuata Field.
- Planning, modeling and drilling of multilateral wells in various geological depositional environments in order to keep field production target of 120,000 bopd of extra heavy crude oil.
- Production monitoring of the field in order to optimize base production.
- As a member of the Easter Area Asset Team, in charge of more than 50 wells, monitoring production, looking for optimization opportunities with PE's (installation of bigger pumps, Casing gas collectors).
- Individual well history matching using advanced material balance techniques, DCA and numerical simulation (PSIM).
- Planning and analysis of MDT's/RFT's. PBU analysis of horizontal and multilateral wells and Falloff analysis of injection wells (Water disposal wells).
- Modeling, planning and forecasting of water disposal system of the project. Monitoring of water disposal wells and giving RE support to future enhancement of water facilities.

Key Accomplishments:

- Expertise in Extra heavy Crude Oil field development (unconsolidated sand) through innovative technology (multilateral wells, geosteering) and team work. Economics during drilling process as a decision tool using Crystal Ball.
- Implementation of water shut-off projects in 2 wells (JK14-1 and 3). Both were successful. Two wells with 100% WCT since start of production turned into oil producers.
- 3 pads were proposed for casing gas collection system in order to reduce line pressure and increase production capacity.
- Expertise in Excel Visual Basic: development and management of RE tools and Business Tools (Long Range Plan, Full Field Forecasting Production).
- Expertise in field metrics – monthly updating of drilling, economics and GGRE team metrics to track finance and technical statistics (EUR, costs, drilling costs, development costs, STOOIP contacted per wells,...) – Scorecards.

5. Universidad de Oriente (UDO) University

- **Address:** *Av. Argimiro Gabaldon, Municipio Bolivar, Puerto La Cruz, Edo. Anzoategui, Venezuela.*
 - **Dates of Employment:** *4/1/2004 – 04/27/2007*
 - **Supervisor:** *Felix Guacaran – 58-416-781-7799, 58-281-420-3240*
 - **Hours worked per week:** *12*
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- Instructor in University Physics I for Engineering and Technicians.

Personnel References:

- Robert Kopper (Supervisor Petrozuata – Retired COP). 1-303-955-5391
- Peter Bowser (Supervisor Permian Development). ConocoPhillips. 1-832-486-2394, 1-832-213-7640. Peter.D.Bowser@conocophillips.com.