Presented to: Texas Desal Association 2018
September 2018

Controlling the Flowing San Andres

“Why ???”

“Because it is the right thing to do”

IWDA P3 Tactical Marketing Group
A Non-Profit 501(c)(3)

Imperial Water Development Association & Charlton Resources
Long-term problem... the hazards of sink holes in Imperial, TX.
We have a PROBLEM
Flowing and improperly plugged San Andres wells are creating sink holes and we don’t know where the next one will form.

The right thing to do.
Community Call to Action

“Implement a Successful Solution”
We created a solution!

P3 Partnering of
Imperial Water Development Association (IWDA)
With
Charlton Resources Corporation (CRC)
Forming the
IWDA P3 Tactical Marketing Group
A Non-Profit 501(c)(3)

CONTROLLING THE SAN ANDRES IN IMPERIAL
IWDA P3 Tactical Marketing Group
A Non-Profit 501(c)(3)

1. *Development*

2. **Private** company funds initial water well, gathering and water distribution system while the,

3. **Association** provides marketing and community improvements and a non-profit 501(c)(3) designation.
Investment

- **Tax deductible donations to:**
  1. The artesian well plugging/control program
  2. The Imperial Library program
  3. City of Imperial Emergency Response program
  4. The wetlands program

- **Association Members Investment**
  1. Members who own producing artesian water wells have a supply agreement with royalties
  2. Members with land whose property is involved in water handling will have contracts with royalties

- **Charlton Resources Investment**
  1. Water handling infrastructure
  2. Pipeline construction and pond construction
  3. Water Operations and Management
Applying for Grants-State & Federal
Either Party can Lead/Apply for grants and use other as sub-awardee

Some funding sources require a lead applicant be a for-profit or a non-profit organization. Organization Structure allows either party to apply for grants.
Navigating the Regulatory Framework
Prudent control the right way.
RIG TYPE: CSD-750

DRAW WORKS: Rig Technologies 750hp 400B Draw works, powered by a Cat C-18 engine.

MAST & SUBSTRUCTURE: CSD 72-foot mast rated for 500,000 lbs. 13’ kb Substructure mounted on a four-axle trailer.

8 String - 1 1/8” Drilling line.

POWERED PUMPS: 2 Gardner Denver PZ-10 triplex pump powered by Cat C-32. 6.5 liners.

MUD SYSTEM: 1 Steel pits with two shale shakers, 615 bbl. volume.
1 5’ x 6’ Reserve Pump.

TOP HEAD DRIVE & POWER UNIT: Venture Tech 30-250 Top head drive, powered by a Cat C-18 engine.

GENERATOR: 2 Detroit Series 60, 370-kw light plants.

WATER TANK: 2 500-bbl. Freshwater tanks.

WELL CONTROL EQUIPMENT: 1 13 5/8 x 5000 psi double ram BOP.
1 11 x 3000 psi double ram BOP.
1 11 x 3000 psi annular.
1 4 x 2 x 500 psi choke manifold.
1 Marco Air/Bac. Accumulator, 120 gallons.

PIPE AND DRILL COLLARS: 18 6 1/2-in. drill collars range II, with 4 1/2-3H connections.
4 8-in. drill collars range II, with 6 5/8-reg. connections.
210 6,500 ft. of 4 1/2-inch drill pipe, 16.60#, grade X95, range II, with 4 1/2 3H connections.
8 Sets of pipe racks.
2 Pipe baskets.
2 Vertical racks.

HANDLING TOOLS & AUXILIARY EQUIPMENT:
- CSD-Pipe Handling Boom
- CSD-Iron Roughneck
- Crown Protection System
- Pason Auto Driller (rental)
- Pason EDR (rental)
- 7” Eastman
- Camp transformer
- Bunk house for Rig Manager
- Bunk house for crews
- 5900-gal fuel tank

Prudent control the right way.
Prudent control the right way.
The timeline to save Imperial...

April 2017 - Initial visit to West Texas to look at artesian wells in the Imperial area

June 2017 - Education about the area and Negotiations for Partnering with existing permit holder

Oct 2017 - Negotiations with partner fail due to extreme money demands and no water development plan...”we were told to go find our own water opportunity”

Dec 2017 - Found local group of water advocates and located property for sale with an artesian water well

Feb 2018 - The Imperial Water Development Association (IWDA) is formed

Mar 2018 - Technical Presentation of IWDA Controlling the Flowing San Andres project to Groundwater Conservation District Board

Apr 2018 - Submitted Water Production Permit for 967 acre-feet per year to Groundwater Conservation District Board and permit was contested by another permit holder

May 2018 - Groundwater Conservation District holds Hearing which granted standing to contesting party and we requested a SOAH hearing
Jun 2018 - No action by District

Jul 2018 - No action by District

Aug 2018 - District finally sets Preliminary SOAH Hearing for Sept., 2018

Sept 2018 - Preliminary SOAH Hearing for Motions

Oct 2018 - SOAH Permit Hearing

To be cont.
Thank you for your time.

Please consider donating to and supporting the IWDA today!

We look forward to giving you the next installment!

The right thing to do.
The right way to do it.