

# OIL FIELD PUMP JACK

## HELICAL PILES

### PROJECT DESCRIPTION:

**Project Name:**  
Oil Field Pump Jack

**Date:**  
June 2012

**Location:**  
Various Locations USA

**Project Type:**  
Custom Foundation Design with Helical Piles

**Installer:**  
Peak Oilfield Services

**Pump Jack Foundation Engineer:**  
Magnum - Geo Solutions

**Pile Design:**  
Magnum - Geo Solutions

**Description:**  
Magnum Geo-Solutions value engineered a helical pile deep foundation and steel pump platform for an oil field pump jack. The concrete-less pump platform was supported by 10 MH431B Helical Piles. The pump platform and helical piles were manufactured by Magnum Piering in West Chester, Ohio.

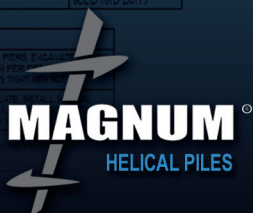


SYMBOL	QUANTITY
①	10
②	10

\* SEE DETAILS FOR LENGTH REQUIREMENTS

PUSH PIER SCHEDULE				
SYMBOL	QUANTITY	DESIGN CAPACITY	MIN. LENGTH	PIER CAP CONNECTION
①	34	22 KIPS	AS REQ'D TO MEET DESIGN CAPACITY	PLATE BRACKET
②	5	22 KIPS	AS REQ'D TO MEET DESIGN CAPACITY	PLATE BRACKET

NOTES: 1. ALL PIER PILES TO BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING DETAILS. 2. ALL PIER PILES TO BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING DETAILS. 3. ALL PIER PILES TO BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING DETAILS.



**Toll Free: 800.822.7437** [www.magnumpiering.com](http://www.magnumpiering.com)