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REPORT FOR
SONAR SCAN SURVEY
JOB #H-272

8719, #1



FOR U.S. GOVERNMENT

Prepared for:

Corpus Christi Oil & Gas
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Prepared by:

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Introduction

Oceaneering Survey was commissioned by Corpus Christi Oil & Gas to conduct a sonar scan of the sea bottom around the Well #1 in South Timbalier 48 prior to the Keyes 250 rig move from the location. The sonar scan search of the sea bottom was to cover an area of a 150' radius from the well casing.

Methodology

On January 20, 1989 a two man team with a UDI AS360 Scanning Sonar was transported to the Keyes 250 rig in South Timbalier, Block 48. Upon arrival at the rig the unit was set up below the drill floor (see diagram 3.1) and immediately conducted tests on the system prior to deploying the sonar scan head.

The winds were out of the northeast and gusting to 30 mph. The current was also out of the northeast. The first deployment was from point A, adjacent to the casing. Due to the strength of the current the side scan sonar head drifted to point 1A on the sea bottom, and was set on a tripod mount 3.5' high. The initial range setting was 100m while the orientation of the scan head to the rig was determined.

After scanning at point 1 the head was deployed off the starboard bow of the rig at point B. Again wind and current carried the scanning head with tripod to point 1B on the bottom. The point was good enough to cover all acoustically shadowed areas from point #1. After scanning at this point the sector scan was recovered and broken down for shipment.

Equipment

The survey was performed utilizing the UDI AS360 Scanning Sonar System consisting of:

- Underwater Scanning Head
- Surface Control Unit
- 290' Underwater Cable
- Deployment Assembly
- Video Cassette Recorder

Job Summary

0500 Pick up sector scan; enroute to Fourchon.
1030 Pick up VCR at Bayou Vista; enroute to Fourchon.
1310 Arrive Fourchon; load gear on crew boat.
1430 Arrive Keyes 250 and mobilize sector scan.
1630 Scanning at location #1.
1700 Recover unit.
1715 Scanning at location #2.
1800 Recover unit, demob.
1900 Load gear on work boat.

Conclusion


No debris of any significance was indicated in repeated scans of the locations indicated. Consequently, there is no indication of significant debris within 150' radius of the abandoned well location.

Water depth in South Timbalier Block 48 is 60'.

Personnel

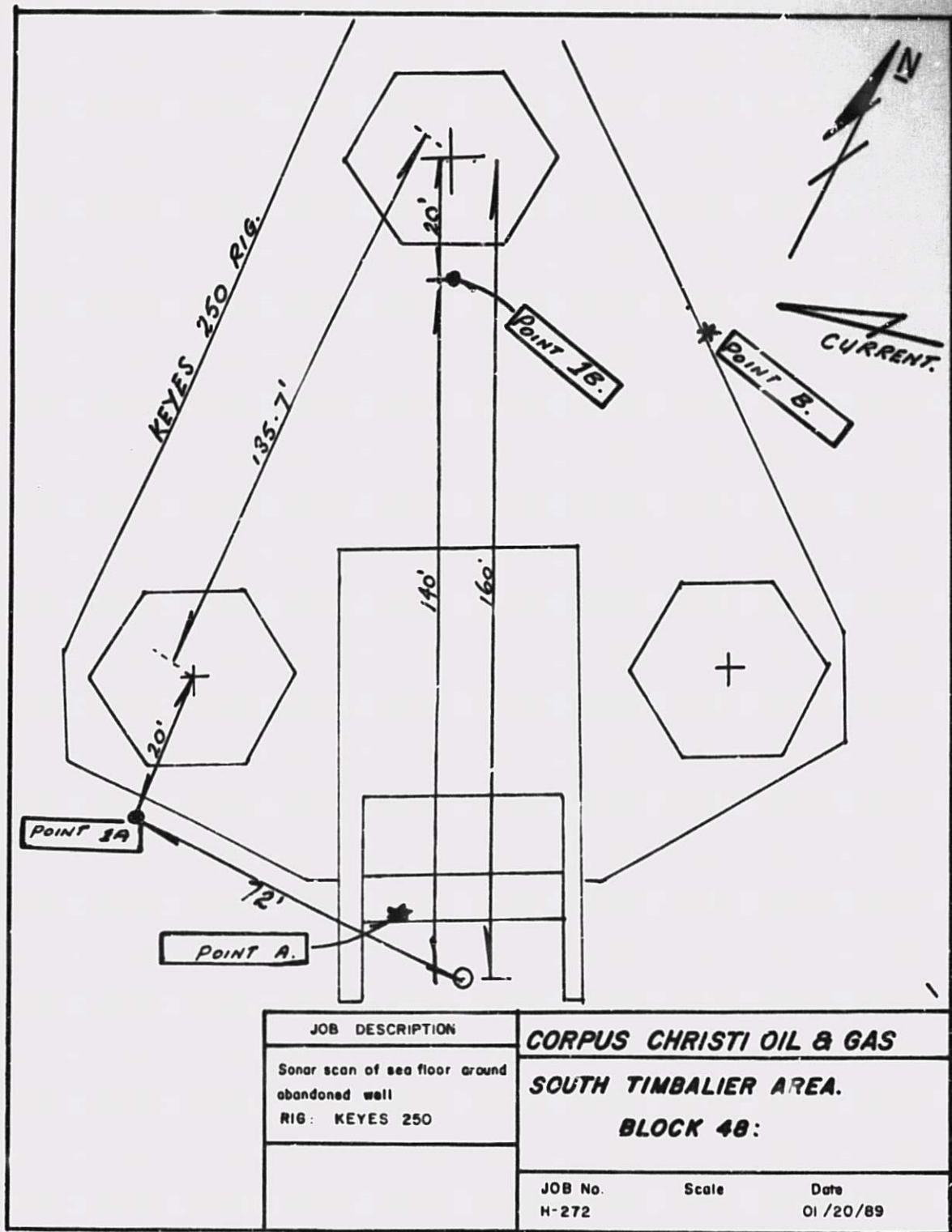
D. Pope Project Supervisor
D. Delcambre Survey Technician

Signed:



D. Pope, Sr. Surveyor
Oceaneering International, Inc.

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