



TURNKEY TPS

COLEVILLE, SK LSD: 9-9-32-24 w3

Longhorn arrived at the lease at 7:45 am to find all crews on site and rigging in. After holding the pre-run safety meeting, rig in was completed and the Sandworm was run into the well. Due to unexpected issues with the nitrogen unit's hydraulic line, the job was shut down and the run delayed until the next day when CNS returned with a new N2 Unit to complete the job.

After rig in, the coil was advanced to 888m where it tagged oil and got back excellent returns right away. We first tagged sand at 918m with the first set of perterations located at 920-924m. The tool worked through the first bridge quite easily. Circulation consisted of pressure of approximatly 10,000 kpa (1600psi). We continued to work the tool, advancing steadily with approximately 25% sand returns. The Sandworm cleaned continuously past the second set of perterations, and then suddenly stopped at 1074m. The coil was repeatedly advanced, but no movement was gained. While on the obstruction, circulation was maintained without any problem while landed on the bridge, which lead us to believe that it was a casing deviation and not sand causing issues to advance the coil. The longer we circulated, the lower the sand cuts, and everyone was pleased with the way the well cleaned up.

Brad Barton made the call to pull up and stated that they had not had any equipment past that depth before. TD of the well was located at1090m. We got back returns of 4 cubic metres/hour for two hours, for a total of 8 cubic metres of sand returned to surface. That is the equivilant of approximately 155m of cased hole cleaned in less than 2 hours of working the Sandworm tool. Steve had a better understanding of the Sandworm after he had seen the actual tool and how it functioned. His comment was, "this tool is awesome; give me some time and I will find a use for it that you don't even know about yet."

Brad Barton from Turnkey offered to make himself avaliable as a refrence on the tool performance and to comment on the success of the run, as required.



Run Summary

Tool: 2 7/8" Sandworm
Target: Coil Tubing Clean-out
Casing Size: 177.8 mm / 7"
Coil Tubing Size: 50.8mm / 2"
Well TD: 1090m / 3576 ft

Total Run Time: 4 Hours Sand Recovered: 8 m³ / 282 ft³

Engineering: Benchmark Engineering Inc. **Consultant:** Steve Sharpe

Coil Service: Titanium Coil Technology
Foamer Service: Mike's Oilfield
Service Rig: Ringer Oilwell Servicing #46
Nitrogen Unit: Canadian Nitrogen Services



LONGHORN CASING TOOLS

| Mike's Oilfield Services Ltd. 6210 - 50th Avenue, Lloydminster, AB TSV 2C9 | | | | | | | | Phone: (750) 875-1561 Fax: (750) 875-7880 www.mikesoffield.com | |
|---|-------|----------|-----------|-----------------------|---------|------------------------------|---|--|---------------|
| | | | STAR! F F | OAM CLEANO | UT DATA | | | 41144.22100 | 20011012-0211 |
| PAGE-2 | | | | | | | | | |
| Customer: TPS | | | | Location: 9-9-32-24w3 | | | DATE August 12, 2011 | | |
| Oustonier II O | | | - | NO MILLONIA | | | DATE PROJECT TO SERVICE | | |
| | | | F | PRESSURE | % | | 1 % | % | IN TANK |
| COMMEN | TS | TIME-IN | TIME-OUT | (kPa) | SOAP | L.P.M. | OIL | SAND | m3/HR |
| CREW TRAVEL TO LOC. | | 5:00 AM | 7:30 AM | (4.1.4) | | | 1 | | |
| WAIT ON N2 TO RIG IN | | 7:30 AM | 8:45 AM | | | | | | |
| HOLD SAFTEY MEETING | 3 | 8:45 AM | 9:10 AM | | | | 1 | | |
| PRESS, TEST FOAM LINE | | 9:10 AM | 9:20 AM | 21000 | | | | | |
| | | 9:20 AM | 9:30 AM | 21000 | | | 1 | | |
| 1.00 | | 9:30 AM | 10,007,00 | 8500 | 2.00 % | | | | |
| COIL STARTS IN HOLE | .,, | 9:35 AM | | 8500 | 2.00 % | | | | |
| COIL DEPT | H 20m | 9:45 AM | | 8500 | 2.00 % | | | | |
| RETURNS TO SURFACE | | 10:00 AM | | 8500 | 2.00 % | | | | 1,0 |
| SAMPLE | 600m | 10:15 AM | 1 | 8500 | 2.00 % | 100 | 80.00 % | 0.00 % | 9m3 |
| SAMPLE | 920m | 10:30 AM | | 8500 | 2.00 % | 100 | 25.00 % | 0.50 % | 10.0 |
| SAMPLE | 970m | 10:45 AM | | 8500 | 2.00 % | 100 | 30.00 % | 1.00 % | |
| SAMPLE | 999m | 11:00 AM | | 8500 | 2.00 % | 100 | 35.00 % | 20.00 % | 6m3 |
| SAMPLE . | 1009m | 11:16 AM | | 8500 | 2.00 % | 100 | 30.00 % | 25.00 % | |
| SAMPLE | 1074m | 11:30 AM | - | 8500 | 2.00 % | 100 | 40.00 % | 13.00 % | 16.0 |
| SAMPLE | 1000m | 12:00 PM | | 8500 | 2.00 % | 100 | 40.00 % | 10.00 % | |
| SAMPLE | 1074m | 12:30 PM | | 8500 | 2.00 % | 100 | 40.00 % | 8.00 % | 4m3 |
| SAMPLE POOH | 600m | 12:45 PM | | 8500 | 2.00 % | 100 | 40.00 % | 8.00 % | 22.0 |
| SAMPLE | 200m | 1:00PM | | 8500 | 2.00 % | 100 | 40.00 % | 8.00 % | |
| COIL AT SURFACE | Om | 1:30PM | | 8500 | 2.00 % | | | | |
| 3HUT DOWN FOAM 1:30PM | | | | | | Mike's Oilfield Services Ltd | | | |
| FLOG H20 THROUGH COIL 1 | | 1:30PM | 1:40PM | 7000 | | | . 6210 - 50th Avenue, Litychninster, AB T9V 2C9 Customer's Name: | | |
| BLOW COIL DRY WITH N2 1:40 | | 1:40PM | 1:50PM | 6000 | | | | | |
| SHUT DOWN RIG OUT 1:50 | | 1:50PM | 2:00PM | | | | | | |
| WASH OUT RETURN TANK | | 2:00PM | 2:30PM | | | | | | |
| TRAVEL TO BASE | | 2:30PM | 6:00PM | | | | | | |
| | | | | | | | Address: | | |
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| | | J | | _ | | | | | |
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| | | L | 1 | | | | Contractors | TPS | |

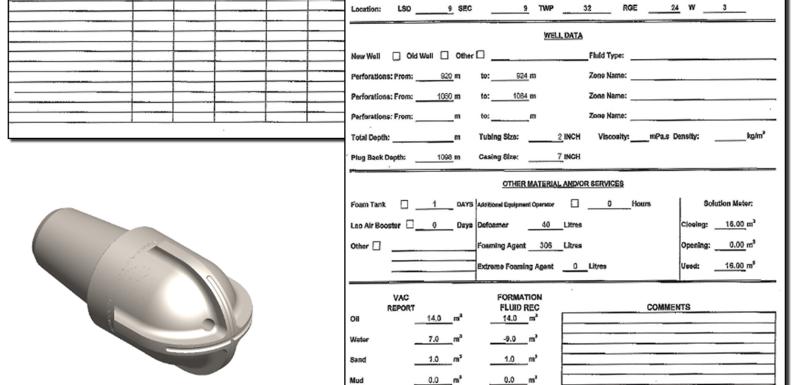


Phone: (780) 878-1681 Fax: (780) 875-7880

STABLE FOAM WELL CLEAN OUT REPORT

08/11/2011 Service Order No: 885 - 020 Field: COLEVILLE Prov: SASK.

DATE:



Mike's Oilfield

Service Representative:

TROY THIESSEN



Customer Representative: