

# HALLIBURTON

iCem<sup>®</sup> Service

## **URSA RESOURCES GROUP II LLC**

**For: Hans Wychgram**

Date: Friday, June 10, 2016

**Tompkins 31C-08-07-95 Surface**

**API# 05-045-22479**

Sincerely,

**Grand Junction Cement Engineering**

## 2.0 Real-Time Job Summary

### 2.1 Job Event Log

| Type  | Seq. No. | Graph Label                           | Date      | Time     | Source | DH Density<br><i>(ppg)</i> | Comb Pump Rate<br><i>(bbl/min)</i> | PS Pump Press<br><i>(psi)</i> | Pump Stg Tot<br><i>(bbl)</i> | Comments  |
|-------|----------|---------------------------------------|-----------|----------|--------|----------------------------|------------------------------------|-------------------------------|------------------------------|---|
| Event | 1        | Call Out                              | 6/8/2016  | 19:00:00 | USER   |                            |                                    |                               |                              | ELITE # 8   |
| Event | 2        | Pre-Convoy Safety Meeting             | 6/8/2016  | 21:00:00 | USER   |                            |                                    |                               |                              | ALL HES EMPLOYEES   |
| Event | 3        | Arrive At Loc                         | 6/8/2016  | 22:30:00 | USER   |                            |                                    |                               |                              | ARRIVED ON LOCATION 2 1/2 HOURS EARLY. DIDNT START CHARGING TIME UNTIL REQUESTED ON LOCATION TIME RIG RUNNING CASING UPON HES ARRIVAL |
| Event | 4        | Assessment Of Location Safety Meeting | 6/8/2016  | 22:45:00 | USER   |                            |                                    |                               |                              | ALL HES EMPLOYEES   |
| Event | 5        | Pre-Rig Up Safety Meeting             | 6/8/2016  | 22:50:00 | USER   |                            |                                    |                               |                              | ALL HES EMPLOYEES   |
| Event | 6        | Rig-Up Equipment                      | 6/8/2016  | 23:00:00 | USER   |                            |                                    |                               |                              | 1 HT-400 PUMP TRUCK (ELITE #8) 2 660 BULK TRUKS 1 F-550 PICKUP  |
| Event | 7        | Crew Leave Location                   | 6/9/2016  | 06:00:00 | USER   |                            |                                    |                               |                              | COMPANY REP RELEASED CREW @ 0600 RIG PULLING CASING AND GOING BACK IN WITH DRILL PIPE   |
| Event | 8        | Call Out                              | 6/9/2016  | 23:00:00 | USER   |                            |                                    |                               |                              | REQUESTED ON LOCATION TIME 0600   |
| Event | 9        | Pre-Convoy Safety Meeting             | 6/10/2016 | 00:30:00 | USER   |                            |                                    |                               |                              | ALL HES EMPLOYEES   |
| Event | 10       | Arrive At Loc                         | 6/10/2016 | 02:00:00 | USER   |                            |                                    |                               |                              | ARRIVED ON LOCATION 4 HOURS EARLY RIG RUNNING CASING UPON HES ARRIVAL   |
| Event | 11       | Assessment Of Location Safety Meeting | 6/10/2016 | 03:00:00 | USER   |                            |                                    |                               |                              | ALL HES EMPLOYEES COMPANY REP OFFERED SDS WATER TEST: TEMP: 65 PH: 7 CHLORIDES:0  |
| Event | 12       | Pre-Rig Up Safety Meeting             | 6/10/2016 | 03:15:00 | USER   |                            |                                    |                               |                              | ALL HES EMPLOYEES   |
| Event | 13       | Rig-Up Equipment                      | 6/10/2016 | 03:30:00 | USER   |                            |                                    |                               |                              | 1 HT-400 PUMP TRUCK (ELITE #8) 2 660 BULK TRUCKS 1 F-550 PICKUP   |

|       |    |                             |           |          |      |      |     |      |       |  |
|-------|----|-----------------------------|-----------|----------|------|------|-----|------|-------|--|
| Event | 14 | Pre-Job Safety Meeting      | 6/10/2016 | 06:00:00 | USER |      |     |      |       | ALL HES EMPLOYEES AND RIG CREW   |
| Event | 15 | Start Job                   | 6/10/2016 | 06:24:46 | COM5 |      |     |      |       | TD: 1815 TP: 1784 SJ: 42.7 CSG: 8 5/8 32# J-55 OH: 12 1/4 MUD WT: 9.5 PPG 16" CONDUCTOR @ 77'  |
| Event | 16 | Prime Lines                 | 6/10/2016 | 06:25:12 | COM5 | 8.33 | 2.0 | 52   | 2.0   | PRIME LINES WITH 2 BBLs FRESH WATER  |
| Event | 17 | Test Lines                  | 6/10/2016 | 06:26:39 | COM5 | 8.33 | 0.0 | 3008 | 2.0   | PRESSURE TEST OK   |
| Event | 18 | Pump Fresh Water Spacer     | 6/10/2016 | 06:30:46 | COM5 | 8.33 | 4.0 | 127  | 20    | PUMP 20 BBL FRESH WATER SPACER   |
| Event | 19 | Pump Lead Cement            | 6/10/2016 | 06:40:06 | COM5 | 12.3 | 8.0 | 340  | 120.5 | 275 SKS VariCem 12.3 PPG 2.46 YIELD 14.17 GAL/SK LEAD CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES  |
| Event | 20 | Pump Tail Cement            | 6/10/2016 | 06:58:23 | COM5 | 12.8 | 8.0 | 270  | 45.6  | 120 SKS VriCem 12.8 PPG 2.18 YIELD 12.11 GAL/SK TAIL CEMENT WEIGHT VERIFIED VIA PRESSURIZED MUD SCALES OPERATOR ACCIDENTALLY SHUT DOWNHOLE TUB SUCTION AT THE END OF TAIL CEMENT CAUSING A FALSE DENSITY SPIKE |
| Event | 21 | Shutdown                    | 6/10/2016 | 07:06:19 | USER |      |     |      |       | SHUTDOWN TO DROP TOP PLUG  |
| Event | 22 | Drop Top Plug               | 6/10/2016 | 07:08:04 | COM5 |      |     |      |       | PLUG AWAY NO PROBLEMS WASHED UP ON TOP OF THE PLUG AS PER COMPANY REP TOP PLUG WAS PROVIDED BY COMPANY REP - REMOVED PLUG FROM THE TICKET  |
| Event | 23 | Pump Displacement           | 6/10/2016 | 07:09:04 | COM5 | 8.33 | 8.0 | 510  | 106.0 | FRESH WATER DISPLACEMENT   |
| Event | 24 | Slow Rate                   | 6/10/2016 | 07:24:20 | COM5 | 8.33 | 4.0 | 400  | 96    | SLOW RATE TO BUMP PLUG   |
| Event | 25 | Bump Plug                   | 6/10/2016 | 07:27:46 | COM5 | 8.33 | 4.0 | 1221 | 106   | PSI BEFORE BUMPING PLUG 400 BUMPED PLUG UP TO 1221 PSI   |
| Event | 26 | Check Floats                | 6/10/2016 | 07:32:34 | COM5 |      |     |      |       | FLOATS HELD 1/2 BBL BACK TO DISPLACEMENT TANKS   |
| Event | 27 | End Job                     | 6/10/2016 | 07:36:38 | COM5 |      |     |      |       | GOOD RETURNS THROUGHOUT JOB 2 BBLs CEMENT TO SURFACE   |
| Event | 28 | Pre-Rig Down Safety Meeting | 6/10/2016 | 07:45:00 | USER |      |     |      |       | ALL HES EMPLOYEES  |
| Event | 29 | Rig-Down Equipment          | 6/10/2016 | 08:00:00 | USER |      |     |      |       |  |
| Event | 30 | Pre-Convoy Safety Meeting   | 6/10/2016 | 08:50:00 | USER |      |     |      |       | ALL HES EMPLOYEES  |
| Event | 31 | Crew Leave Location         | 6/10/2016 | 09:00:00 | USER |      |     |      |       | THANK YOU FOR USING HALLIBURTON CEMENT DUSTIN  |