**Byron Ginther #1 API# 05-001-07287**

**Bison Oil Well Cementing**
**Single Cement Surface Pipe**

| | |
|---|---|
| INVOICE # | 666007 |
| LOCATION | Weld |
| FOREMAN | Nick |
| Date | 9/19/2016 |

| | |
|---|---|
| Customer | Carlson Land |
| Well Name | Ginther #1 |

**Treatment Report Page 2**

## DESCRIPTION OF JOB EVENTS

| Amount Pumped | | Time/Date | Event | Description | Rate | BBLs | ressur |
|---|---|---|---|---|---|---|---|
| % Excess | 0% | 9:40 | Arrive on location | | | | |
| Mixed bbls | 60.9 | 9:50 | Rig Up | | | | |
| Total Sacks | 235 | 10:16 | Circulate Well | Pumped water to clean hole. | 3 | 20 | 280 |
| bbl Returns | 0 | 10:38 | Pressure Test Well | Pressured up well to 350 psi and held for 15 min. | | | 350 |
| Water Temp | 55 | 11:09 | Clean Flow Line | Pumped fresh water to clear flow line. | 2 | 15 | 150 |
| | | 14:00 | Injection Test | Pumped water to establish injection rate. | 2 | 10 | 300 |
| Notes: | | 14:17 | Pump Cement | Pumped cement below retainer (20 sks) | 2.2 | 4.7 | 400 |
| | | 14:19 | Shut Down | | | | |
| | | 14:36 | Pump Cement | Pumped cement to try in squeeze. (5 sks) | 1.8 | 1.1 | 30 |
| | | 14:38 | Shut Down | Rig stung out of retainer. | | | |
| | | 14:42 | Pump Cement | Pumped blanced plug on top of retainer (25 sks) | 3.5 | 5.9 | 60 |
| | | 14:43 | Displace | Displaced to balance plug. | 2.5 | 3 | 200 |
| | | 14:44 | Shut Down | | | | |
| | | 16:02 | Circulate Well | Tried to establish circulation. | 1 | 20 | 470 |
| | | 16:18 | Shut Down | | | | |
| | | 16:22 | Pump Cement | Attempted to pump cement to surface (185 sks) | 2 | 49 | 450 |
| | | 16:45 | Shut Down | | | | |
| | | 17:05 | End Job | | | | |
| | | 17:06 | Rig Down | | | | |
| | | 17:30 | Leave Location | | | | |

X 9/21/16
Work Preformed

X
Title

X
Date