

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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No. 742

|   |                   |      |    |                                    |         |       |    |  |          |       |      |  |  |        |         |                                    |  |  |  |       |  |  |  |
|---|-------------------|------|----|------------------------------------|---------|-------|----|--|----------|-------|------|--|--|--------|---------|------------------------------------|--|--|--|-------|--|--|--|
| Date  | 12-22-14          | Sec. | 18 | Twp.                               | 10      | Range | 30 | County   | Sheridan | State | KS   | On Location  |  | Finish | 2:15 PM |                                    |  |  |  |       |  |  |  |
| Location                                    |                   |      |    |                                    |         |       |    | Grinnell 4 1/2 N to Rd 120 4 1/2 W 5 mi  |          |       |      |  |  |        |         |                                    |  |  |  |       |  |  |  |
| Lease                                       | Ottley            |      |    | Well No.                           | 1-18    |       |    | Owner  |          |       |      |  |  |        |         |                                    |  |  |  |       |  |  |  |
| Contractor                                  | Discovery #4      |      |    | To Quality Oilwell Cementing, Inc. |         |       |    |  |          |       |      | You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. |  |        |         |                                    |  |  |  |       |  |  |  |
| Type Job                                    | Production String |      |    | Charge To                          |         |       |    |  |          |       |      | Sam Gary Jr.   |  |        |         |                                    |  |  |  |       |  |  |  |
| Hole Size                                   | 7 7/8             |      |    | T.D.                               | 4591'   |       |    | Street   |          |       |      |  |  |        |         |                                    |  |  |  |       |  |  |  |
| Csg.  | 5 1/2             |      |    | Depth                              | 4584'   |       |    | City   |          |       |      |  |  |        |         | State                              |  |  |  |       |  |  |  |
| Tbg. Size                                   |                   |      |    | Depth                              |         |       |    | The above was done to satisfaction and supervision of owner agent or contractor. |          |       |      |  |  |        |         |                                    |  |  |  |       |  |  |  |
| Tool  |                   |      |    | Depth                              |         |       |    | Cement Amount Ordered  |          |       |      |  |  |        |         | 180 Q pro-c 10% Salt 5% bit 1/4 ft |  |  |  |       |  |  |  |
| Cement Left in Csg.                         | 43.35'            |      |    | Shoe Joint                         | 43.35'  |       |    | 480 QMDC 1/2 fb  |          |       |      |  |  |        |         |                                    |  |  |  |       |  |  |  |
| Meas Line                                   |                   |      |    | Displace                           | 108 bbl |       |    | Common   |          |       |      |  |  |        |         | 180 Q pro-c                        |  |  |  |       |  |  |  |
| <b>EQUIPMENT</b>                            |                   |      |    | Poz. Mix                           |         |       |    |  |          |       |      | 480 Qmbc   |  |        |         |                                    |  |  |  |       |  |  |  |
| Pumptrk                                     | 5                 | No.  |    | Cementer                           | Brett   |       |    | David  |          |       | Gel. |  |  |        |         |                                    |  |  |  |       |  |  |  |
| Bulktrk                                     | 19                | No.  |    | Driver                             | Chad    |       |    | Calcium  |          |       |      |  |  |        |         | KCL 2 gal                          |  |  |  |       |  |  |  |
| Bulktrk                                     | 9                 | No.  |    | Driver                             | Tyson   |       |    | Hulls  |          |       |      |  |  |        |         | Salt 16                            |  |  |  |       |  |  |  |
| <b>JOB SERVICES &amp; REMARKS</b>           |                   |      |    | Remarks:                           |         |       |    |  |          |       |      | Flowseal   |  |        |         | 285 #                              |  |  |  |       |  |  |  |
| Rat Hole - 30sx                             |                   |      |    | Mouse Hole - 15sx                  |         |       |    |  |          |       |      | Kol-Seal   |  |        |         | 900 #                              |  |  |  |       |  |  |  |
| Centralizers 1,3,5,7,9,11,13,15,48,60,77,81 |                   |      |    | Mud CLR 48 - 500 gal               |         |       |    |  |          |       |      | CFL-117 or CD110 CAF 38  |  |        |         | 20 bbl KCL                         |  |  |  |       |  |  |  |
| Baskets - 49,61,78 + 90                     |                   |      |    | D/V or Port Collar                 |         |       |    |  |          |       |      | Sand   |  |        |         | Handling                           |  |  |  | 685   |  |  |  |
| Mixed 500 Gal Mud Flush                     |                   |      |    | Plugged Rat + Mouse                |         |       |    |  |          |       |      | Mixed 435 QMDC   |  |        |         | Mileage                            |  |  |  | 5 1/2 |  |  |  |
| Mixed 180 Q-Pro-c                           |                   |      |    | Displaced 108 bbl 1st 20 KCL       |         |       |    |  |          |       |      | Guide Shoe   |  |        |         | Centralizer - 8 turbos + 4 Reg     |  |  |  |       |  |  |  |
| Lift pressure @ 1000 lb                     |                   |      |    | Landed @ 2000 lbs                  |         |       |    |  |          |       |      | Baskets - 4  |  |        |         | AFU Inserts                        |  |  |  |       |  |  |  |
| Plug held                                   |                   |      |    | Cement Circulated!!                |         |       |    |  |          |       |      | Float Shoe - 1   |  |        |         | Latch Down - 1                     |  |  |  |       |  |  |  |
| 80 sks to Pit                               |                   |      |    | Pumptrk Charge                     |         |       |    |  |          |       |      | prod string  |  |        |         | Mileage                            |  |  |  | 27    |  |  |  |
| Signature                                   |                   |      |    | Tax                                |         |       |    |  |          |       |      | Discount   |  |        |         | Total Charge                       |  |  |  |       |  |  |  |