

# WoCo Drilling LLC

1135 30<sup>th</sup> Rd

Yates Center, Kansas 66783

Steve 620-330-6328

Nick 620-228-2320

|                                       |  |                                  |  |
|---------------------------------------|--|----------------------------------|--|
| Operator License # 35346              |  | API # 15-205-28417-00-00         |  |
| Operator: Bryan Marshall              |  | Lease: Orland Newby              |  |
| Address: PO Box 389, Eureka Ks, 67045 |  | Well # 12                        |  |
| Phone: 620-750-0058                   |  | Spud Date: 3/6/2018              |  |
| Contractor License: 33900             |  | Completed: 3-8                   |  |
| T.D. 1130                             |  | Location: Sec: 3 TWP: 30 R: 105E |  |
| Bite Size: 6"                         |  | 495' from south line             |  |
| Surface Pipe Size: 7"                 |  | Surface Depth: 40'               |  |
| Kind of Well: Oil                     |  | 4027' from east line             |  |
|                                       |  | County: Wilson                   |  |

105X

## Drilling Log

| Strata        | From | To  | Strata      | From | To   |
|---------------|------|-----|-------------|------|------|
| Soil          | 0    | 6   | Lime        | 589  | 603  |
| Clay & Gravel | 6    | 34  | Shale       | 603  | 671  |
| Shale         | 34   | 42  | Lime        | 671  | 674  |
| Gravel        | 42   | 48  | Shale       | 674  | 682  |
| Shale         | 48   | 67  | Lime        | 682  | 698  |
| Lime          | 67   | 84  | Shale       | 698  | 740  |
| Shale         | 84   | 97  | Lime        | 740  | 767  |
| Lime          | 97   | 150 | Shale       | 767  | 776  |
| Shale         | 150  | 166 | Lime        | 776  | 781  |
| Lime          | 166  | 176 | Shale       | 781  | 788  |
| Shale         | 176  | 240 | Lime        | 788  | 791  |
| Lime          | 240  | 246 | Shale       | 791  | 858  |
| Shale         | 246  | 265 | Lime        | 858  | 860  |
| Lime          | 265  | 272 | Shale       | 860  | 872  |
| Shale         | 272  | 286 | Lime        | 872  | 875  |
| Lime          | 286  | 346 | Shale       | 875  | 968  |
| Black Shale   | 346  | 354 | Black Shale | 968  | 985  |
| Lime          | 354  | 391 | Shale       | 985  | 1004 |
| Shale         | 391  | 433 | Black Shale | 1004 | 1010 |
| Oil Oder Sand | 433  | 442 | Dark Shale  | 1010 | 1018 |
| Shale         | 442  | 450 | Gray Sand   | 1018 | 1024 |
| Lime          | 450  | 456 | Oil sand    | 1024 | 1042 |
| Shale         | 456  | 474 | Broken Sand | 1042 | 1045 |
| Lime          | 474  | 477 | Shale       | 1045 | 1130 |
| Shale         | 477  | 498 | TD 1130     |      |      |
| H Lime        | 498  | 506 |             |      |      |
| S Lime        | 506  | 519 |             |      |      |
| Lime          | 519  | 580 |             |      |      |
| Shale         | 580  | 589 |             |      |      |

810 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**

Ticket No. **3707**  
 Foreman Rice Ledford  
 Camp Eureka Ks

| Date                                   | Cust. ID #         | Lease & Well Number      | Section  | Township | Range                                       | County | State            |
|--|--------------------|--------------------------|--|----------|---|--------|------------------|
| 3-8-18                                 | 1143               | Orland Newby #12         | 3  | 305      | 158   | Wilson | Ks               |
| Customer<br><u>Marshall Oil LLC</u>    |                    |                          | Safety Meeting<br>Unit #<br><u>107</u><br><u>110</u> |          | Driver<br><u>Alan M.</u><br><u>Steve M.</u> |        | Unit #<br>Driver |
| Mailing Address<br><u>P.O. Box 389</u> |                    |                          | PL<br>Am<br>3m                                       |          |   |        |                  |
| City<br><u>Eureka</u>                  | State<br><u>Ks</u> | Zip Code<br><u>67045</u> |  |          |   |        |                  |

Job Type L/D Hole Depth 1130' Slurry Vol. 39 Bbl Tubing 2 7/8"  
 Casing Depth 1120' Hole Size 6" Slurry Wt. 14# Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. \_\_\_\_\_ Cement Left in Casing 0' Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement 6 3/4 Bbl Displacement PSI 700 Bump Plug to 1100 BPM \_\_\_\_\_

Remarks: Safety meeting - Rig up to 2 7/8" tubing. Start circulation w/ fresh water. Pump 6 sacs gel-flush w/ hulls, 10 Bbl water spacer, Mixed 165 sacs 60/40 Permiv cement w/ 4% gel, 270 cells & 1" phenoxal/52 @ 14#/gal. Washout pump & lines, stuff 2 plugs. Displace w/ 6 3/4 Bbl water. Final pump pressure 700 PSI. Bump plug to 1100 PSI. Release pressure, float held. Shut in @ 0 PSI. Good cement returns to surface = 6 Bbl slurry to pit. Job complete. Rig down.

"Thank You"

| Code  | Qty or Units | Description of Product or Services | Unit Price   | Total          |
|---|--------------|------------------------------------|--------------|----------------|
| C102  | 1            | Pump Charge                        | 1050.00      | 1050.00        |
| C107  | 40           | Mileage                            | 3.95         | 158.00         |
| C203  | 165          | 60/40 Permiv cement                | 12.75        | 2103.75        |
| C205  | 285*         | 270 cells                          | .60          | 171.00         |
| C206  | 570*         | 4% gel                             | .20          | 114.00         |
| C208  | 165**        | 1" phenoxal/52                     | 1.25         | 206.25         |
| C206  | 300*         | gel-flush                          | .20          | 60.00          |
| C214  | 40*          | hulls                              | .45          | 18.00          |
| C1023   | 7.10         | ten mileage bulk tax               | 1.35         | 383.40         |
| C401  | 2            | 2 7/8" top rubber plugs            | 28.00        | 56.00          |
| <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;">           690 &lt; 223489 &gt;<br/>           4497.19         </div> |              |                                    |              |                |
|   |              |                                    | Subtotal     | 4320.40        |
|   |              |                                    | Sales Tax    | 177.39         |
|   |              |                                    | <b>Total</b> | <b>4497.79</b> |

Authorization By Dy Bryan Marshall Title Owner

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.