

# JOB SUMMARY

|                                  |                                   |                                       |
|----------------------------------|-----------------------------------|---------------------------------------|
| COUNTY<br><b>Stanton</b>         | PROJECT NUMBER<br><b>TN # 511</b> | TICKET DATE<br><b>2/18/2014</b>       |
| COMPANY<br><b>Linn Operating</b> |                                   |                                       |
| LEASE NAME<br><b>Moncur</b>      | Well No.<br><b>#5 ATU 251</b>     | CUSTOMER REP<br><b>Orlando</b>        |
| EMP NAME<br><b>Bryon Hackett</b> |                                   | EMPLOYEE NAME<br><b>Bryon Hackett</b> |

|  |  |
|--|--|
| Form. Name <u>Chase Council Grove</u> Type: _____  |  |
| Packer Type _____ Set At _____<br>Bottom Hole Temp. _____ Pressure _____<br>Retainer Depth _____ Total Depth _____ |  |

| Type and Size            | Qty | Make |
|--------------------------|-----|------|
| Auto Fill Tube           | 1   | IR   |
| Insert Float Valve       | 1   | IR   |
| Centralizers             | 5   | IR   |
| Top Plug                 | 1   | IR   |
| HEAD                     | 1   | IR   |
| Limit clamp              | 1   | IR   |
| Weld-A                   | 2   | IR   |
| Texas Pattern Guide Shoe | 0   | IR   |
| Cement Basket            | 0   | IR   |

| Materials     |          |         |        |
|---------------|----------|---------|--------|
|               |          | Density | Lb/Gal |
| Mud Type      | 0        | 0       |        |
| Disp. Fluid   | H2O      | 8.33    |        |
| Spacer type   | H20 BBL. | 10      |        |
| Spacer type   | BBL.     |         |        |
| Acid Type     | Gal.     |         | %      |
| Acid Type     | Gal.     |         | %      |
| Surfactant    | Gal.     |         | In     |
| NE Agent      | Gal.     |         | In     |
| Fluid Loss    | Gal/Lb   |         | In     |
| Gelling Agent | Gal/Lb   |         | In     |
| Fric. Red.    | Gal/Lb   |         | In     |
| MISC.         | Gal/Lb   |         | In     |

| Perfpac Balls |  | Qty. |
|---------------|--|------|
| Other         |  |      |
| Other         |  |      |
| Other         |  |      |
| Other         |  |      |
| Other         |  |      |

| Date | Called Out | On Location | Job Started | Job Completed |
|------|------------|-------------|-------------|---------------|
|      | 02/18/14   | 02/18/14    | 02/18/14    | 02/18/14      |
| Time | 1200       | 1730        | 2134        | 2242          |

| Well Data    |          |        |        |       |      |           |
|--------------|----------|--------|--------|-------|------|-----------|
|              | New/Used | Weight | Size   | Grade | From | To        |
| Casing       | New      | 24#    | 8 5/8" | J55   | KB   | 760       |
| Liner        |          |        |        |       |      |           |
| Liner        |          |        |        |       |      |           |
| Tubing       |          |        |        |       |      |           |
| Drill Pipe   |          |        |        |       |      |           |
| Open Hole    |          |        |        |       |      |           |
| Perforations |          |        |        |       |      | Shots/Ft. |
| Perforations |          |        |        |       |      |           |
| Perforations |          |        |        |       |      |           |

| Hours On Location |       | Operating Hours |       | Description of Job |
|-------------------|-------|-----------------|-------|--------------------|
| Date              | Hours | Date            | Hours |                    |
| 02/18/14          | 6.0   | 02/18/14        | 1.0   | Surface            |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
| Total             | 6.0   | Total           | 1.0   |                    |

| Pressures            |     |
|----------------------|-----|
| MAX                  | 950 |
| AVG                  | 200 |
| Average Rates in BPM |     |
| MAX                  | 3   |
| AVG                  | 3   |
| Feet                 | 44  |
| Reason               |     |
| Shoe Track           |     |

| Cement Data |       |                 |  |       |       |         |
|-------------|-------|-----------------|--|-------|-------|---------|
| Stage       | Sacks | Cement          | Additives  | W/Rq. | Yield | Lbs/Gal |
| 1           | 480   | Premium Class C | 2% Calcium Chloride; 0.25 lb/sk Cellufake                                      | 6.34  | 1.32  | 14.8    |
| 2           | 0     | 0               | Take Float equip for production ( 5 1/2" G.S.; 5 1/2" Float insert; 5 1/2" Sto | 0     | 0     | 0       |
| 3           |       |                 |  |       |       |         |
| 4           |       |                 |  |       |       |         |

| Summary            |                      |                        |               |
|--------------------|----------------------|------------------------|---------------|
| Preflush Breakdown | Type: <b>MAXIMUM</b> | Preflush: BBI          | <b>10.00</b>  |
|                    | Lost Returns-N       | Load & Bkdn: Gal - BBI | <b>0</b>      |
|                    | Actual TOC           | Excess /Return BBI     | <b>45</b>     |
| Average            | Frac. Gradient       | Calc. TOC              | <b>0</b>      |
| DISP 5 Min.        | 10 Min.              | Treatment: Gal - BBI   | <b>113.0</b>  |
|                    | 15 Min.              | Cement Slurry: BBI     | <b>168.00</b> |
|                    |                      | Total Volume BBI       | <b>168.00</b> |

CUSTOMER REPRESENTATIVE \_\_\_\_\_

  
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# JOB SUMMARY

|                                  |                               |                                       |                                 |
|----------------------------------|-------------------------------|---------------------------------------|---------------------------------|
| COUNTRY<br><b>Stanton</b>        | COMPANY<br><b>Linn Energy</b> | PROJECT NUMBER<br><b>TN # 513</b>     | TICKET DATE<br><b>2/20/2014</b> |
| LEASE NAME<br><b>Moncur</b>      | Well No.<br><b>5 ATU 251</b>  | CUSTOMER REP<br><b>Oriando</b>        |                                 |
| EMP NAME<br><b>Bryon Hackett</b> |                               | EMPLOYEE NAME<br><b>Bryon Hackett</b> |                                 |

|               |  |  |  |
|---------------|--|--|--|
| Bryon Hackett |  |  |  |
| Steve Crocker |  |  |  |
| Miguel Garcia |  |  |  |
| Adam Wali     |  |  |  |

Form. Name Chase Council Grove Type: \_\_\_\_\_

Packer Type \_\_\_\_\_ Set At \_\_\_\_\_

Bottom Hole Temp. \_\_\_\_\_ Pressure \_\_\_\_\_

Retainer Depth \_\_\_\_\_ Total Depth \_\_\_\_\_

| Date | Called Out | On Location | Job Started | Job Completed |
|------|------------|-------------|-------------|---------------|
|      | 02/19/14   | 02/20/14    | 02/20/14    | 02/20/14      |
| Time | 2030       | 400         | 1055        | 1248          |

| Type and Size      | Qty | Make |
|--------------------|-----|------|
| Auto Fill Tube     | 1   | IR   |
| Insert Float Valve | 1   | IR   |
| Centralizers       | 26  | IR   |
| Top Plug           | 1   | IR   |
| HEAD               | 1   | IR   |
| Limit clamp        | 1   | IR   |
| Weld-A             | 2   | IR   |
| Guide Shoe         | 1   | IR   |
| Cement Basket      | 0   | IR   |

| Well Data    |          |        |      |       |      |      |
|--------------|----------|--------|------|-------|------|------|
|              | New/Used | Weight | Size | Grade | From | To   |
| Casing       | New      | 15.5#  | 5.5" |       | KB   | 3106 |
| Liner        |          |        |      |       |      | 2500 |
| Liner        |          |        |      |       |      |      |
| Tubing       |          |        |      |       |      |      |
| Drill Pipe   |          |        |      |       |      |      |
| Open Hole    |          |        |      |       |      |      |
| Perforations |          |        |      |       |      |      |
| Perforations |          |        |      |       |      |      |
| Perforations |          |        |      |       |      |      |

| Materials     |            |         |      |
|---------------|------------|---------|------|
| Mud Type      | 0          | Density | 0    |
| Disp. Fluid   | H2O        | Density | 8.33 |
| Spacer type   | SodSilcH2O | BBL     | 20   |
| Spacer type   |            | BBL     |      |
| Acid Type     |            | Gal.    | %    |
| Acid Type     |            | Gal.    | %    |
| Surfactant    |            | Gal.    | In   |
| NE Agent      |            | Gal.    | In   |
| Fluid Loss    |            | Gal/Lb  | In   |
| Gelling Agent |            | Gal/Lb  | In   |
| Fric. Red.    |            | Gal/Lb  | In   |
| MISC.         |            | Gal/Lb  | In   |

| Hours On Location |       | Operating Hours |       | Description of Job |
|-------------------|-------|-----------------|-------|--------------------|
| Date              | Hours | Date            | Hours |                    |
| 02/20/14          | 10.0  | 02/20/14        | 1.8   | Production         |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
|                   |       |                 |       |                    |
| Total             | 10.0  | Total           | 1.8   |                    |

Perfpac Balls \_\_\_\_\_ Qty. \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

Other \_\_\_\_\_

| Pressures            |      |                   |
|----------------------|------|-------------------|
| MAX                  | 1150 | AVG 200           |
| Average Rates in BPM |      |                   |
| MAX                  | 4    | AVG 4             |
| Cement Left in Pipe  |      |                   |
| Feet                 | 44   | Reason Shoe Track |

| Cement Data |       |                        |   |
|-------------|-------|------------------------|---|
| Stage       | Sacks | Cement                 | Additives   |
| 1           | 430   | O-TEX Low Dense Cement | 2% Gypsum; 2% Calcium Chloride; 2% C-45; 0.4% C-15; 0.4% C-41P; 0.2% C-61; 0.25 lb/sk |
| 2           | 0     | 0                      | Take 10 gals Claymax  |
| 3           |       |                        | Take all Float Equip. ( 1, 8 5/8 T.P. G.S.; 1 8 5/8 Float insert with Auto fill; )    |
| 4           |       |                        |   |

| Summary            |                 |                      |                           |
|--------------------|-----------------|----------------------|---------------------------|
| Preflush Breakdown | Type: _____     | MAXIMUM _____        | Lost Returns: 0           |
| Average            | 5 Min _____     | Frac. Gradient _____ | 10 Min _____ 15 Min _____ |
| Preflush:          | BBI _____       | 20.00                | Type: SodSilcH2O          |
| Load & Bkdn:       | Gal - BBI _____ | 50                   | Pad: Bbl - Gal _____      |
| Excess /Return     | BBI _____       | 0                    | Calc Disp Bbl _____       |
| Calc. TOC          | _____           | _____                | Actual Disp _____         |
| Treatment:         | Gal - BBI _____ | 172.0                | Disp Bbl _____            |
| Cement Slurry:     | BBI _____       | 265.00               |                           |
| Total Volume       | BBI _____       |                      |                           |

CUSTOMER REPRESENTATIVE \_\_\_\_\_

*[Signature]*  
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