

| | | | | |
|----------------------------|-------------------------------|--------------------------------|-----------------------------------|--------------------------------|
| JOB SUMMARY | | | PROJECT NUMBER TN # 538 | TICKET DATE 3/3/2014 |
| COUNTY Kearny | COMPANY Linn Energy | CUSTOMER REP Orlando | | |
| LEASE NAME Beaty | Well No. D4 ATU 189 | JOB TYPE Surface | EMPLOYEE NAME Chris Fry | |

| | | | | | |
|----------|----------------|--|--|--|--|
| EMP NAME | Chris Fry | | | | |
| | Rory Morris | | | | |
| | Devin Londagin | | | | |
| | Miguel Murgado | | | | |

Form. Name Chase-Council Grove Type: _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Retainer Depth _____ Total Depth _____

| | | | | |
|------|-----------------------------|--------------------------------|--------------------------------|----------------------------------|
| Date | Called Out 3/2/14 | On Location 03/02/14 | Job Started 03/03/14 | Job Completed 03/03/14 |
| Time | 1130 | 2030 | 1510 | 1710 |

| 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 | 1 | IR |
| Texas Pattern Guide Shoe | 1 | IR |
| Cement Basket | 0 | IR |

| Well Data | | | | | | |
|--------------|----------|--------|-------|-------|------|-----------|
| | New/Used | Weight | Size | Grade | From | To |
| Casing | New | 24 | 8.625 | J-55 | 0 | 728 |
| Liner | | | | | | |
| Liner | | | | | | |
| Tubing | | | | | | |
| Drill Pipe | | | | | | |
| Open Hole | | | | | | Shots/Ft. |
| Perforations | | | | | | |
| Perforations | | | | | | |
| Perforations | | | | | | |

| Materials | | | |
|---------------|---------|---------|------|
| Mud Type | 0 | Density | 0 |
| Disp. Fluid | H2O | Density | 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 | | | |

| Hours On Location | | Operating Hours | | Description of Job |
|-------------------|-------|-----------------|-------|---|
| Date | Hours | Date | Hours | |
| 03/02/14 | 20.5 | 03/03/14 | 1.5 | Surface |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Total | 20.5 | Total | 1.5 | Pumped 10bbl H2O ahead Pumped 109bbl cmt @ 14.8 shut down/drop plug disp. With H2O 44bbl Lost returns prior to disp. No cmt to surface Bumped plug @ 1070psi Checked floats/floats held 1/2bbl back 614.25 cu. Ft of cmt |

| Pressures | | | |
|----------------------|------|--------|------------|
| MAX | 1070 | AVG | 300 |
| Average Rates in BPM | | | |
| MAX | 3 | AVG | 3 |
| Cement Left in Pipe | | | |
| Feet | 44 | Reason | Shoe Joint |

| Cement Data | | | | W/Rq. | Yield | Lbs/Gal |
|-------------|-------|-----------------|--|-------|-------|---------|
| Stage | Sacks | Cement | Additives | | | |
| 1 | 455 | Premium Class C | 2% Calcium Chloride and .25 #/sk Cellulose | 6.34 | 1.35 | 14.8 |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |

| Summary | | | | | |
|--------------------|---|------------|------------------------|--------|----------------|
| Preflush Breakdown | Type: _____ | MAXIMUM | Preflush: BBI | 10.00 | Type: H2O |
| | Lost Returns- <input checked="" type="checkbox"/> | Actual TOC | Load & Bkdn: Gal - BBI | | Pad: Bbl - Gal |
| | Frac. Gradient | Actual TOC | Excess /Return BBI | 0 | Calc Disp Bbl |
| Average | 5 Min | 10 Min | Calc TOC | ? | Actual Disp |
| ISIP | 15 Min | | Treatment: Gal - BBI | | Disp Bbl |
| | | | Cement Slurry: BBI | 109.0 | |
| | | | Total Volume BBI | 163.00 | |

CUSTOMER REPRESENTATIVE Willie Hugen SIGNATURE

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JOB SUMMARY

| | | | |
|----------------------------------|-------------------------------|---------------------------------------|---------------------------------------|
| COUNTY Kearny | COMPANY Linn Energy | PROJECT NUMBER TN # 542 | TICKET DATE 3/5/2014 |
| LEASE NAME Beaty | Well No. D4 ATU 189 | JOB TYPE Production | CUSTOMER REP Weldon Higgins |
| EMP NAME Jesus Jimenez | | EMPLOYEE NAME Jesus Jimenez | |

| | | | |
|------------------|--|--|--|
| Jesus Jimenez | | | |
| Beau Clem | | | |
| Miguel Hernandez | | | |

Form. Name _____ Type: _____

Packer Type _____ Set At _____

Bottom Hole Temp. _____ Pressure _____

Retainer Depth _____ Total Depth _____

| Date | Called Out | On Location | Job Started | Job Completed |
|------|------------|-------------|-------------|---------------|
| | 3-5-14 | 03/05/14 | 03/05/14 | 03/05/14 |
| Time | 3:00 | 11:00 | 13:00 | 14:30 |

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

| Well Data | | | | | | | |
|--------------|----------|--------|------|-------|------|------|------------|
| | New/Used | Weight | Size | Grade | From | To | Max. Allow |
| Casing | New | 15.5 | 5.5 | J-55 | 0 | 3133 | 2000 |
| Liner | | | | | | | |
| Liner | | | | | | | |
| Tubing | | | | | | | |
| Drill Pipe | | | | | | | |
| Open Hole | | | | | | | |
| Perforations | | | | | | | Shots/Ft. |
| Perforations | | | | | | | |
| Perforations | | | | | | | |

| Materials | | | |
|---------------|------------------|--------------|--------|
| | Qty | Density | Lb/Gal |
| Mud Type | 0 | 0 | |
| Disp. Fluid | H2O | Density 8.33 | Lb/Gal |
| Spacer type | dium Silic: 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 | |
| Perpac Balls | Qty. | | |
| Other | | | |
| Other | | | |
| Other | | | |
| Other | | | |

| Hours On Location | | Operating Hours | | Description of Job |
|-------------------|-------|-----------------|-------|--------------------|
| Date | Hours | Date | Hours | |
| 03/05/14 | 4.0 | 03/05/14 | 2.0 | Production |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Total | 4.0 | Total | 2.0 | |

| Pressures | | | |
|----------------------|------|--------|------------|
| MAX | 1200 | AVG. | 200 |
| Average Rates in BPM | | | |
| MAX | 3 | AVG | 3 |
| Cement Left in Pipe | | | |
| Feet | 45 | Reason | Shoe Joint |

| Cement Data | | | | | | |
|-------------|-------|----------------|--|-------|-------|---------|
| Stage | Sacks | Cement | Additives | W/Rq. | Yield | Lbs/Gal |
| 1 | 435 | O-TEX LowDense | 2% Gyp, 2% Calcium Chloride, 2% C-45, 0.4% C-15, 0.4% C-41P, 0.2% C-51, 0.25 #/sk Celloflake | 13.29 | 2.25 | 11.5 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | | | | | |
| 4 | | | | | | |

| Preflush Breakdown | | Summary | |
|----------------------|------------------|------------------------|---------|
| Type: _____ | MAXIMUM _____ | Preflush: BBI | 20.00 |
| Lost Returns-F _____ | Actual TOC _____ | Load & Bkdn: Gal - BBI | 50 |
| Frac. Gradient _____ | 10 Min _____ | Excess /Return BBI | Surface |
| 15 Min _____ | | Calc TOC _____ | 73.00 |
| | | Treatment: Gal - BBI | |
| | | Cement Slurry BBI | 174.0 |
| | | Total Volume BBI | 267.00 |

CUSTOMER REPRESENTATIVE Weldon Higgins SIGNATURE

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