
XTO ENERGY INC EBUSINESS

Apache Canyon 30-12

Las Animas County , Colorado

Cement Conductor Casing

20-Jul-2011

Job Site Documents

The Road to Excellence Starts with Safety

| | | | |
|--------------------------------------|-----------------------------------|---------------------------|------------------------|
| Sold To #: 353810 | Ship To #: 2867075 | Quote #: | Sales Order #: 8335150 |
| Customer: XTO ENERGY INC EBUSINESS | Customer Rep: | | |
| Well Name: Apache Canyon | Well #: 30-12 | API/UWI #: | |
| Field: | City (SAP): TRINIDAD | County/Parish: Las Animas | State: Colorado |
| Contractor: Pense Drilling | Rig/Platform Name/Num: 19 | | |
| Job Purpose: Cement Conductor Casing | | | |
| Well Type: Development Well | Job Type: Cement Conductor Casing | | |
| Sales Person: FLING, MATTHEW | Srv Supervisor: ROSALES, MATTHEW | MBU ID Emp #: 392095 | |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|-----------------------|---------|--------|---------------------|---------|--------|-----------------------|---------|--------|
| BOURGEOIS, KEVIN Paul | 1.5 | 459092 | BULINSKI, MATTHEW J | 1.5 | 483865 | DIRKS, RICHARD E | 1.5 | 485940 |
| KENNEDY, HERRON | 1.5 | 498356 | MCKAY, ADAM | 1.5 | 498253 | ROSALES, MATTHEW John | 1.5 | 392095 |
| VIGIL, NICHOLAS | 1.5 | 443481 | | | | | | |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10824253C | 25 mile | 11527037 | 25 mile | 11562544C | 25 mile | 11605598 | 25 mile |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|----------|-------------------|-----------------|--|-------------------|-----------------|------|-------------------|-----------------|
| 07/20/11 | 1.5 | 1 | | | | | | |
| TOTAL | | | Total is the sum of each column separately | | | | | |

Job

| Formation Name | Formation Depth (MD) | Top | Bottom | Form Type | Job depth MD | Job Depth TVD | Water Depth | Perforation Depth (MD) | From | To |
|----------------|----------------------|-----|--------|-----------|--------------|---------------|-------------------|------------------------|------|----|
| | | | | BHST | 450. ft | 450. ft | | | | |
| | | | | | | | Wk Ht Above Floor | | | |
| | | | | | | | | | | |

Job Times

| Date | Time | Time Zone |
|-----------------|-------|-----------|
| 20 - Jul - 2011 | 06:30 | MST |
| 20 - Jul - 2011 | 14:00 | MST |
| 20 - Jul - 2011 | 14:07 | MST |
| 20 - Jul - 2011 | 14:27 | MST |
| 20 - Jul - 2011 | 15:30 | MST |

Well Data

| Description | New / Used | Max pressure psig | Size in | ID in | Weight lbm/ft | Thread | Grade | Top MD ft | Bottom MD ft | Top TVD ft | Bottom TVD ft |
|--------------------------|------------|-------------------|---------|--------|---------------|--------|-------|-----------|--------------|------------|---------------|
| 17 1/2" Openhole | | | | 11. | | | | | 43. | | |
| 13 3/8" Conductor Casing | Unknown | | 13.375 | 12.715 | 48. | | | | 43. | | |

Tools and Accessories

| Type | Size | Qty | Make | Depth | Type | Size | Qty | Make | Depth | Type | Size | Qty | Make |
|--------------|------|-----|------|-------|-------------|------|-----|------|-------|----------------|------|-----|------|
| Guide Shoe | | | | | Packer | | | | | Top Plug | | | |
| Float Shoe | | | | | Bridge Plug | | | | | Bottom Plug | | | |
| Float Collar | | | | | Retainer | | | | | SSR plug set | | | |
| Insert Float | | | | | | | | | | Plug Container | | | |
| Stage Tool | | | | | | | | | | Centralizers | | | |

Miscellaneous Materials

| Gelling Agt | Conc | Surfactant | Conc | Acid Type | Qty | Conc | % |
|---------------|------|------------|------|-----------|------|------|-----|
| Treatment Fld | Conc | Inhibitor | Conc | Sand Type | Size | | Qty |

Fluid Data

| Stage/Plug #: 1 | Fluid # | Stage Type | Fluid Name | Qty | Qty uom | Mixing Density lbm/gal | Yield ft3/sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |
|-----------------|---------|------------|------------|-----|---------|------------------------|--------------|------------------|--------------|------------------------|
|-----------------|---------|------------|------------|-----|---------|------------------------|--------------|------------------|--------------|------------------------|

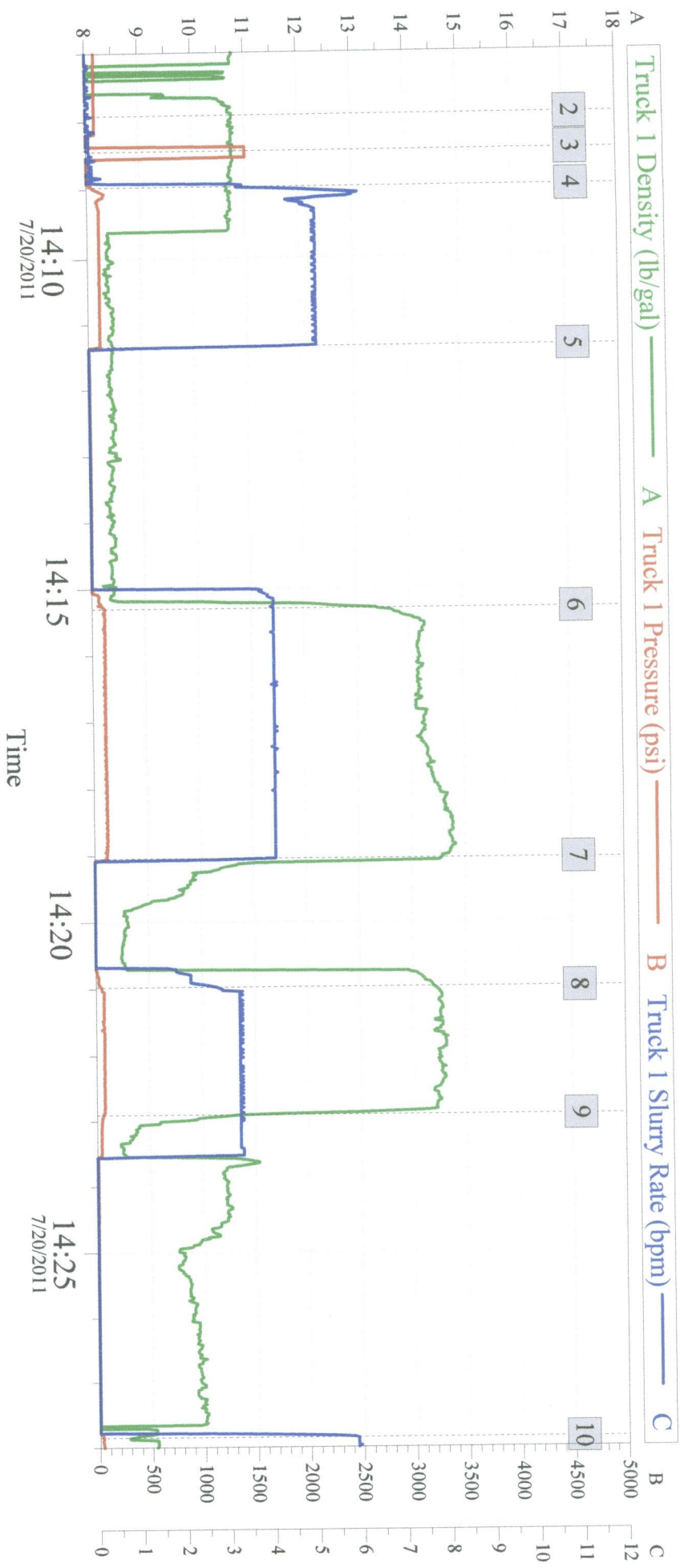
| Stage/Plug #: 1 | | | | | | | | | |
|--|------------------------|---------------------------------------|--------|-----------------------------------|------------------------|---------------------------|------------------|--------------|------------------------|
| Fluid # | Stage Type | Fluid Name | Qty | Qty uom | Mixing Density lbm/gal | Yield ft ³ /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |
| 1 | FRESH WATER | | | bbl | 8.33 | .0 | .0 | .0 | |
| 2 | Trinidad Surface Blend | TRINIDAD SURFACE BLEND - SBM (137081) | 75.0 | sacks | 14. | 1.66 | 7.76 | 4.0 | 7.76 |
| | 0.125 lbm | POLY-E-FLAKE (101216940) | | | | | | | |
| | 2 % | CAL-SEAL 60, 50 LB BAG (101217146) | | | | | | | |
| | 2 % | ECONOLITE (100001580) | | | | | | | |
| | 5 lbm | GILSONITE, 50 LB BAG (100001618) | | | | | | | |
| | 0.2 % | VERSASET, 55 LB SK (101376573) | | | | | | | |
| | 6 % | SALT, 100 LB BAG (100003652) | | | | | | | |
| | 7.76 Gal | FRESH WATER | | | | | | | |
| 3 | DISPLACEMENT | | | bbl | 8.33 | .0 | .0 | .0 | |
| Calculated Values | | Pressures | | Volumes | | | | | |
| Displacement | 2.5 | Shut In: Instant | 38 | Lost Returns | NO | Cement Slurry | 22 | Pad | |
| Top Of Cement | SURFACE | 5 Min | | Cement Returns | 11.5BB | Actual Displacement | 2.5 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 12 | Load and Breakdown | | Total Job | 36.5 |
| Rates | | | | | | | | | |
| Circulating | | Mixing | | Displacement | | Avg. Job | | | |
| Cement Left In Pipe | Amount | 16ft | Reason | Shoe Joint | | | | | |
| Frac Ring # 1 @ | ID | Frac ring # 2 @ | ID | Frac Ring # 3 @ | ID | Frac Ring # 4 @ | ID | | |
| The Information Stated Herein Is Correct | | | | Customer Representative Signature | | | | | |

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|--------------------------------------|--|----------------------|--|---------------------------|--|------------------------|-----------------|
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| Well Name: Apache Canyon | | | Well #: 30-12 | | | API/UWI #: | |
| Field: | | City (SAP): TRINIDAD | | County/Parish: Las Animas | | | State: Colorado |
| Legal Description: | | | | | | | |
| Lat: | | | | Long: | | | |
| Contractor: Pense Drilling | | | Rig/Platform Name/Num: 19 | | | | |
| Job Purpose: Cement Conductor Casing | | | | | | Ticket Amount: | |
| Well Type: Development Well | | | Job Type: Cement Conductor Casing | | | | |
| Sales Person: FLING, MATTHEW | | | Srcv Supervisor: ROSALES, MATTHEW/MBU ID Emp #: 392095 | | | | |

| Activity Description | Date/Time | Cht # | Rate bbl/min | Volume bbl | | Pressure psig | | Comments |
|----------------------|------------------|-------|--------------|------------|-------|---------------|--------|--|
| | | | | Stage | Total | Tubing | Casing | |
| Start Job | 07/20/2011 14:07 | | | | | | | |
| Test Lines | 07/20/2011 14:08 | | 0.5 | 0.5 | | | 1500.0 | |
| Circulate Well | 07/20/2011 14:08 | | 5 | 12 | 12 | | 48.0 | |
| Shutdown | 07/20/2011 14:11 | | | | | | | WELL DID NOT FALL BACK |
| Pump Cement | 07/20/2011 14:15 | | 5 | 13 | 25 | | 118.0 | TOTAL 75SKS MIXED WITH WATER PROVIDED BY RIG |
| Shutdown | 07/20/2011 14:19 | | | | | | | WELL DID NOT FALL BACK |
| Pump Cement | 07/20/2011 14:20 | | 3 | 9 | 34 | | 48.0 | |
| Pump Displacement | 07/20/2011 14:22 | | 3 | 2.5 | 36.5 | | 57.0 | |
| Shut In Well | 07/20/2011 14:27 | | | | | | 31.0 | |
| End Job | 07/20/2011 14:30 | | | | | | | 11.5BBL CEMENT TO SURFACE |

XTO - Apache Canyon 30-12 Conductor



Global Event Log

| Intersection | | TIP | | Intersection | | TIP | |
|--------------|-----------------------------------|----------|-------|--------------|-------------------------------|----------|-------|
| 2 | Start Job | 14:07:55 | 83.61 | 3 | Test Lines | 14:08:26 | 1500 |
| 4 | Circulate Well | 14:08:58 | 48.07 | 5 | Shutdown Check for Fall Back | 14:11:21 | 92.83 |
| 6 | Pump Cement | 14:15:18 | 118.3 | 7 | Shut Down Check for Fall Back | 14:19:03 | 117.3 |
| 8 | Resume Pumping Rest of Cement Tub | 14:20:59 | 48.88 | 9 | Pump Displacement | 14:22:54 | 57.67 |
| 10 | Shut In Well/End Job | 14:27:51 | 31.57 | | | | |