



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1073048
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1073048

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | |
|--|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR: _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | | | | | |

| | | |
|--|---|---|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|--|---|---|

| | |
|-----------|--|
| Form | ACO1 - Well Completion |
| Operator | SandRidge Exploration and Production LLC |
| Well Name | Jennie 1-10H |
| Doc ID | 1073048 |

Perforations

| Shots Per Foot | Perforation Record | Material Record | Depth |
|----------------|---|--|-------|
| 6 | 9050-9052, 8968-8970, 8886-8888, 8804-8806, 8722-8724 | 4377 bbls Slickwtr, 36 bbls 15% NeFe HCl, 76M lbs 4-/70 sd, 4411 TLTR | |
| 6 | 7960-8290 | 4326 bbls Slickwtr, 41 bbls 15% NeFe HCl, 84M lbs 40/70 sd, 10051 TLTR | |
| 6 | 7490-8720 | 4553 bbls Slickwtr, 41 bbls 15% NeFe HCl, 85M lbs 40/70 sd, 14745 TLTR | |
| 6 | 7079-7410 | 4536 bbls Slickwtr, 41 bbls 15% NeFe HCl, 84M lbs 40/70 sd, 19426 TLTR | |
| 6 | 6668-6999 | 4498 bbls Slickwtr, 41 bbls 15% NeFe HCl, 85M lbs 40/70 sd, 24012 TLTR | |
| 6 | 6340-6588 | 4442 bbls Slickwtr, 41 bbls 15% NeFe HCl, 84M lbs 40/70 sd, 28558 TLTR | |
| 6 | 5847-6178 | 4510 bbls Slickwtr, 40 bbls 15% NeFe HCl, 85M lbs 40/70 sd, 33152 TLTR | |
| 6 | 5437-5767 | 4522 bbls Slickwtr, 41 bbls 15% NeFe HCl, 85M lbs 40/70 sd, 37746 TLTR | |

| | |
|-----------|--|
| Form | ACO1 - Well Completion |
| Operator | SandRidge Exploration and Production LLC |
| Well Name | Jennie 1-10H |
| Doc ID | 1073048 |

Perforations

| Shots Per Foot | Perforation Record | Material Record | Depth |
|----------------|--------------------|---|-------|
| 6 | 5026-5356 | 5266 bbls Slickwtr, 42 bbls 15% NeFe HCl, 85M lbs 40/70 sd, 43073 TLTR | |

| | |
|-----------|--|
| Form | ACO1 - Well Completion |
| Operator | SandRidge Exploration and Production LLC |
| Well Name | Jennie 1-10H |
| Doc ID | 1073048 |

Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | Number of Sacks Used | Type and Percent Additives |
|-------------------|-------------------|-----------------|--------|---------------|-----------------------------------|----------------------|--|
| Conductor | 24 | 20 | 75 | 90 | Edge Services 10 sack grout | 10 | none |
| Surface | 14.75 | 10.75 | 45.5 | 1024 | HLC Standard/ Standard | 830 | 3% Calcium Chloride, .25 lbm Poly-E- Flake |
| Intermedia te | 8.75 | 7 | 29 | 5241 | 50/50 Poz Standard | 185 | .4% Halad(R)- 9, 2 lbm Kol-Seal, 2% Bentonite |
| Liner | 6.13 | 4.5 | 11.6 | 9142 | 50/50 Poz Standard | 450 | .4% halad(R)- 9, 2 lbm Kol-Seal, 2% Bentonite |

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

February 28, 2012

Tiffany Golay
SandRidge Exploration and Production LLC
123 ROBERT S. KERR AVE
OKLAHOMA CITY, OK 73102-6406

Re: ACO1
API 15-007-23817-01-00
Jennie 1-10H
NE/4 Sec.10-35S-10W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Tiffany Golay

| Measured Depth (ft) | Sub-Sea Incl. (ft) | Vertical Azim. (ft) | True Vert Depth (ft) | Northings (+) | | Eastings (+) | | DLS deg/100' (deg) | FNL | FSL | FWL | FEL |
|---------------------|--------------------|---------------------|----------------------|---------------|--------|--------------|-------|--------------------|---------|---------|---------|---------|
| | | | | Southings (-) | (ft) | Westings (-) | (ft) | | | | | |
| SHL | 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 200.00 | 5078.00 | 3146.00 | 2190.00 |
| BHL | 9142 | 92.90 | 4798.55 | -4747.03 | 110.24 | 0.00 | 0.00 | 0.00 | 4947.03 | 330.97 | 3256.24 | 2079.76 |
| Miss Entry | 5006 | 66.30 | 4753.74 | -623.00 | -41.02 | 10.85 | 10.85 | 10.85 | 823.00 | 4455.00 | 3104.98 | 2231.02 |
| Top Perf | 5026 | 68.62 | 4761.42 | -641.46 | -40.92 | 11.51 | 11.51 | 11.51 | 841.46 | 4436.54 | 3105.08 | 2230.92 |
| Bottom Perf | 9052 | 93.03 | 4803.21 | -4657.17 | 108.55 | 0.91 | 0.91 | 0.91 | 4857.17 | 420.83 | 3254.55 | 2081.45 |

| Measured Depth (ft) | Sub-Sea Incl. (ft) | Vertical Azim. (ft) | True Vert Depth (ft) | Northings (+) | | Eastings (+) | | DLS deg/100' (deg) | FNL | FSL | FWL | FEL |
|---------------------|--------------------|---------------------|----------------------|---------------|-------|--------------|-------|--------------------|--------|---------|---------|---------|
| | | | | Southings (-) | (ft) | Westings (-) | (ft) | | | | | |
| 0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200.00 | 5078.00 | 3146.00 | 2190.00 |
| 351 | 0.93 | 0.15 | 350.98 | 2.85 | 0.01 | 0.26 | 0.01 | 0.26 | 197.15 | 5080.85 | 3146.01 | 2189.99 |
| 506 | 1.00 | 0.15 | 505.96 | 5.46 | 0.01 | 0.05 | 0.01 | 0.05 | 194.54 | 5083.46 | 3146.01 | 2189.99 |
| 751 | 1.41 | 0.15 | 750.91 | 10.61 | 0.03 | 0.17 | 0.03 | 0.17 | 189.39 | 5088.61 | 3146.03 | 2189.97 |
| 994 | 1.99 | 0.15 | 993.80 | 17.82 | 0.05 | 0.24 | 0.05 | 0.24 | 182.18 | 5095.82 | 3146.05 | 2189.95 |
| 1047 | 2.40 | 158.50 | 1046.79 | 17.71 | 0.46 | 8.14 | 0.46 | 8.14 | 182.29 | 5095.71 | 3146.46 | 2189.54 |
| 1138 | 2.20 | 158.90 | 1137.71 | 14.31 | 1.78 | 0.22 | 1.78 | 0.22 | 185.69 | 5092.31 | 3147.78 | 2188.22 |
| 1412 | 1.90 | 148.40 | 1411.54 | 5.53 | 6.06 | 0.18 | 6.06 | 0.18 | 194.47 | 5083.53 | 3152.06 | 2183.94 |
| 1602 | 1.60 | 143.50 | 1601.45 | 0.72 | 9.28 | 0.18 | 9.28 | 0.18 | 199.28 | 5078.72 | 3155.28 | 2180.72 |
| 1793 | 1.30 | 128.10 | 1792.39 | -2.77 | 12.58 | 0.26 | 12.58 | 0.26 | 202.77 | 5075.23 | 3158.58 | 2177.42 |
| 1983 | 1.10 | 131.80 | 1982.35 | -5.31 | 15.63 | 0.11 | 15.63 | 0.11 | 205.31 | 5072.69 | 3161.63 | 2174.37 |
| 2173 | 0.90 | 135.60 | 2172.32 | -7.59 | 18.04 | 0.11 | 18.04 | 0.11 | 207.59 | 5070.41 | 3164.04 | 2171.96 |
| 2363 | 0.80 | 112.00 | 2362.30 | -9.16 | 20.31 | 0.19 | 20.31 | 0.19 | 209.16 | 5068.84 | 3166.31 | 2169.69 |
| 2554 | 0.60 | 86.10 | 2553.28 | -9.59 | 22.54 | 0.19 | 22.54 | 0.19 | 209.59 | 5068.41 | 3168.54 | 2167.46 |
| 2744 | 0.50 | 83.10 | 2743.27 | -9.42 | 24.36 | 0.05 | 24.36 | 0.05 | 209.42 | 5068.58 | 3170.36 | 2165.64 |
| 2935 | 0.70 | 45.60 | 2934.26 | -8.50 | 26.02 | 0.22 | 26.02 | 0.22 | 208.50 | 5069.50 | 3172.02 | 2163.98 |
| 3125 | 0.40 | 39.90 | 3124.26 | -7.18 | 27.27 | 0.16 | 27.27 | 0.16 | 207.18 | 5070.82 | 3173.27 | 2162.73 |
| 3316 | 0.40 | 67.80 | 3315.25 | -6.42 | 28.32 | 0.10 | 28.32 | 0.10 | 206.42 | 5071.58 | 3174.32 | 2161.68 |
| 3507 | 0.20 | 223.80 | 3506.25 | -6.41 | 28.71 | 0.31 | 28.71 | 0.31 | 206.41 | 5071.59 | 3174.71 | 2161.29 |
| 3602 | 0.20 | 201.70 | 3601.25 | -6.68 | 28.53 | 0.08 | 28.53 | 0.08 | 206.68 | 5071.32 | 3174.53 | 2161.47 |
| 3697 | 0.10 | 260.90 | 3696.25 | -6.85 | 28.39 | 0.18 | 28.39 | 0.18 | 206.85 | 5071.15 | 3174.39 | 2161.61 |
| 3793 | 0.20 | 345.60 | 3792.25 | -6.70 | 28.26 | 0.22 | 28.26 | 0.22 | 206.70 | 5071.30 | 3174.26 | 2161.74 |
| 3829 | 0.30 | 299.40 | 3828.25 | -6.59 | 28.16 | 0.60 | 28.16 | 0.60 | 206.59 | 5071.41 | 3174.16 | 2161.84 |
| 3856 | 0.40 | 291.90 | 3855.25 | -6.52 | 28.02 | 0.41 | 28.02 | 0.41 | 206.52 | 5071.48 | 3174.02 | 2161.98 |
| 3888 | 0.70 | 210.50 | 3887.25 | -6.65 | 27.81 | 2.35 | 27.81 | 2.35 | 206.65 | 5071.35 | 3173.81 | 2162.19 |
| 3920 | 3.20 | 183.20 | 3919.23 | -7.71 | 27.66 | 8.12 | 27.66 | 8.12 | 207.71 | 5070.29 | 3173.66 | 2162.34 |
| 3952 | 4.40 | 180.90 | 3951.16 | -9.83 | 27.59 | 3.78 | 27.59 | 3.78 | 209.83 | 5068.17 | 3173.59 | 2162.41 |
| 3983 | 7.30 | 182.00 | 3981.99 | -12.99 | 27.51 | 9.36 | 27.51 | 9.36 | 212.99 | 5065.01 | 3173.51 | 2162.49 |
| 4015 | 10.40 | 184.80 | 4013.61 | -17.90 | 27.19 | 9.78 | 27.19 | 9.78 | 217.90 | 5060.10 | 3173.19 | 2162.81 |
| 4047 | 12.40 | 187.50 | 4044.97 | -24.18 | 26.50 | 6.47 | 26.50 | 6.47 | 224.18 | 5053.82 | 3172.50 | 2163.50 |
| 4079 | 15.30 | 189.20 | 4076.04 | -31.76 | 25.38 | 9.15 | 25.38 | 9.15 | 231.76 | 5046.24 | 3171.38 | 2164.62 |
| 4110 | 17.50 | 189.20 | 4105.78 | -40.40 | 23.98 | 7.10 | 23.98 | 7.10 | 240.40 | 5037.60 | 3169.98 | 2166.02 |
| 4142 | 18.90 | 188.50 | 4136.17 | -50.27 | 22.45 | 4.43 | 22.45 | 4.43 | 250.27 | 5027.73 | 3168.45 | 2167.55 |
| 4174 | 20.80 | 190.70 | 4166.27 | -60.98 | 20.62 | 6.38 | 20.62 | 6.38 | 260.98 | 5017.02 | 3166.62 | 2169.38 |
| 4206 | 22.80 | 192.40 | 4195.98 | -72.62 | 18.24 | 6.55 | 18.24 | 6.55 | 272.62 | 5005.38 | 3164.24 | 2171.76 |
| 4237 | 24.70 | 192.70 | 4224.36 | -84.81 | 15.52 | 6.14 | 15.52 | 6.14 | 284.81 | 4993.19 | 3161.52 | 2174.48 |
| 4269 | 27.40 | 193.10 | 4253.10 | -98.51 | 12.38 | 8.46 | 12.38 | 8.46 | 298.51 | 4979.49 | 3158.38 | 2177.62 |
| 4301 | 30.10 | 192.60 | 4281.16 | -113.51 | 8.96 | 8.47 | 8.96 | 8.47 | 313.51 | 4964.49 | 3154.96 | 2181.04 |
| 4333 | 33.00 | 193.00 | 4308.42 | -129.84 | 5.25 | 9.09 | 5.25 | 9.09 | 329.84 | 4948.16 | 3151.25 | 2184.75 |

| | | | | | | | | | | |
|------|-------|--------|---------|---------|--------|------|--------|---------|---------|---------|
| 4364 | 35.60 | 192.20 | 4334.03 | -146.88 | 1.45 | 8.51 | 346.88 | 4931.12 | 3147.45 | 2188.55 |
| 4396 | 37.80 | 193.00 | 4359.69 | -165.55 | -2.73 | 7.04 | 365.55 | 4912.45 | 3143.27 | 2192.73 |
| 4428 | 40.00 | 193.60 | 4384.59 | -185.10 | -7.35 | 6.98 | 385.10 | 4892.90 | 3138.65 | 2197.35 |
| 4460 | 41.60 | 193.30 | 4408.81 | -205.44 | -12.22 | 5.04 | 405.44 | 4872.56 | 3133.78 | 2202.22 |
| 4491 | 43.10 | 192.30 | 4431.72 | -225.80 | -16.84 | 5.30 | 425.80 | 4852.20 | 3129.16 | 2206.84 |
| 4523 | 44.80 | 190.80 | 4454.76 | -247.56 | -21.28 | 6.23 | 447.56 | 4830.44 | 3124.72 | 2211.28 |
| 4555 | 46.20 | 190.10 | 4477.19 | -270.00 | -25.42 | 4.64 | 470.00 | 4808.00 | 3120.58 | 2215.42 |
| 4587 | 47.60 | 188.00 | 4499.05 | -293.07 | -29.09 | 6.49 | 493.07 | 4784.93 | 3116.91 | 2219.09 |
| 4618 | 49.00 | 186.40 | 4519.68 | -316.04 | -31.99 | 5.94 | 516.04 | 4761.96 | 3114.01 | 2221.99 |
| 4650 | 49.30 | 184.40 | 4540.61 | -340.13 | -34.26 | 4.82 | 540.13 | 4737.87 | 3111.74 | 2224.26 |
| 4682 | 49.50 | 183.60 | 4561.43 | -364.37 | -35.96 | 2.00 | 564.37 | 4713.63 | 3110.04 | 2225.96 |
| 4714 | 49.30 | 183.20 | 4582.26 | -388.62 | -37.40 | 1.14 | 588.62 | 4689.38 | 3108.60 | 2227.40 |

| | | | | | | | | | | |
|------|-------|--------|---------|----------|--------|-------|---------|---------|---------|---------|
| 4745 | 48.70 | 182.90 | 4602.59 | -411.99 | -38.64 | 2.07 | 611.99 | 4666.01 | 3107.36 | 2228.64 |
| 4777 | 48.40 | 182.50 | 4623.78 | -435.94 | -39.77 | 1.33 | 635.94 | 4642.06 | 3106.23 | 2229.77 |
| 4809 | 48.00 | 181.70 | 4645.11 | -459.78 | -40.65 | 2.24 | 659.78 | 4618.22 | 3105.35 | 2230.65 |
| 4841 | 49.60 | 180.40 | 4666.18 | -483.85 | -41.09 | 5.86 | 683.85 | 4594.15 | 3104.91 | 2231.09 |
| 4872 | 52.50 | 180.20 | 4685.67 | -507.96 | -41.21 | 9.37 | 707.96 | 4570.04 | 3104.79 | 2231.21 |
| 4904 | 55.90 | 179.70 | 4704.39 | -533.91 | -41.19 | 10.70 | 733.91 | 4544.09 | 3104.81 | 2231.19 |
| 4936 | 58.90 | 179.70 | 4721.62 | -560.86 | -41.05 | 9.38 | 760.86 | 4517.14 | 3104.95 | 2231.05 |
| 4968 | 62.20 | 180.20 | 4737.36 | -588.73 | -41.02 | 10.40 | 788.73 | 4489.27 | 3104.98 | 2231.02 |
| 5000 | 65.60 | 179.90 | 4751.43 | -617.46 | -41.05 | 10.66 | 817.46 | 4460.54 | 3104.95 | 2231.05 |
| 5031 | 69.20 | 179.50 | 4763.34 | -646.07 | -40.90 | 11.67 | 846.07 | 4431.93 | 3105.10 | 2230.90 |
| 5063 | 72.40 | 178.60 | 4773.87 | -676.28 | -40.39 | 10.35 | 876.28 | 4401.72 | 3105.61 | 2230.39 |
| 5095 | 76.00 | 178.10 | 4782.58 | -707.06 | -39.51 | 11.35 | 907.06 | 4370.94 | 3106.49 | 2229.51 |
| 5127 | 79.50 | 177.90 | 4789.37 | -738.30 | -38.41 | 10.95 | 938.30 | 4339.70 | 3107.59 | 2228.41 |
| 5158 | 82.80 | 178.10 | 4794.13 | -768.91 | -37.35 | 10.66 | 968.91 | 4309.09 | 3108.65 | 2227.35 |
| 5184 | 85.20 | 178.10 | 4796.85 | -794.75 | -36.49 | 9.23 | 994.75 | 4283.25 | 3109.51 | 2226.49 |
| 5199 | 86.20 | 178.20 | 4797.98 | -809.70 | -36.01 | 6.70 | 1009.70 | 4268.30 | 3109.99 | 2226.01 |
| 5238 | 88.40 | 178.00 | 4799.81 | -848.64 | -34.71 | 5.66 | 1048.64 | 4229.36 | 3111.29 | 2224.71 |
| 5270 | 87.70 | 177.80 | 4800.90 | -880.60 | -33.54 | 2.27 | 1080.60 | 4197.40 | 3112.46 | 2223.54 |
| 5302 | 87.00 | 177.50 | 4802.38 | -912.54 | -32.23 | 2.38 | 1112.54 | 4165.46 | 3113.77 | 2222.23 |
| 5334 | 87.60 | 176.90 | 4803.89 | -944.46 | -30.67 | 2.65 | 1144.46 | 4133.54 | 3115.33 | 2220.67 |
| 5365 | 87.60 | 176.60 | 4805.19 | -975.38 | -28.91 | 0.97 | 1175.38 | 4102.62 | 3117.09 | 2218.91 |
| 5397 | 88.50 | 176.10 | 4806.28 | -1007.30 | -26.88 | 3.22 | 1207.30 | 4070.70 | 3119.12 | 2216.88 |
| 5429 | 88.80 | 175.80 | 4807.03 | -1039.21 | -24.62 | 1.33 | 1239.21 | 4038.79 | 3121.38 | 2214.62 |
| 5461 | 89.10 | 175.90 | 4807.62 | -1071.12 | -22.30 | 0.99 | 1271.12 | 4006.88 | 3123.70 | 2212.30 |
| 5493 | 90.30 | 175.90 | 4807.78 | -1103.04 | -20.01 | 3.75 | 1303.04 | 3974.96 | 3125.99 | 2210.01 |
| 5525 | 90.70 | 175.90 | 4807.51 | -1134.96 | -17.73 | 1.25 | 1334.96 | 3943.04 | 3128.27 | 2207.73 |
| 5557 | 91.00 | 175.90 | 4807.03 | -1166.87 | -15.44 | 0.94 | 1366.87 | 3911.13 | 3130.56 | 2205.44 |
| 5588 | 91.40 | 176.00 | 4806.38 | -1197.79 | -13.25 | 1.33 | 1397.79 | 3880.21 | 3132.75 | 2203.25 |
| 5620 | 90.40 | 176.20 | 4805.88 | -1229.71 | -11.07 | 3.19 | 1429.71 | 3848.29 | 3134.93 | 2201.07 |
| 5652 | 90.50 | 176.50 | 4805.63 | -1261.64 | -9.04 | 0.99 | 1461.64 | 3816.36 | 3136.96 | 2199.04 |
| 5684 | 90.60 | 176.20 | 4805.58 | -1293.58 | -7.00 | 0.99 | 1493.58 | 3784.42 | 3139.00 | 2197.00 |
| 5716 | 90.70 | 176.20 | 4804.96 | -1325.50 | -4.88 | 0.31 | 1525.50 | 3752.50 | 3141.12 | 2194.88 |
| 5748 | 90.60 | 176.10 | 4804.59 | -1357.43 | -2.73 | 0.44 | 1557.43 | 3720.57 | 3143.27 | 2192.73 |
| 5780 | 91.00 | 176.40 | 4804.15 | -1389.36 | -0.64 | 1.56 | 1589.36 | 3688.64 | 3145.36 | 2190.64 |
| 5812 | 90.10 | 176.70 | 4803.84 | -1421.30 | 1.29 | 2.96 | 1621.30 | 3656.70 | 3147.29 | 2188.71 |
| 5844 | 90.30 | 177.30 | 4803.73 | -1453.25 | 2.96 | 1.98 | 1653.25 | 3624.75 | 3148.96 | 2187.04 |
| 5875 | 90.40 | 177.40 | 4803.54 | -1484.22 | 4.40 | 0.46 | 1684.22 | 3593.78 | 3150.40 | 2185.60 |
| 5939 | 89.80 | 177.30 | 4803.43 | -1548.15 | 7.35 | 0.95 | 1748.15 | 3529.85 | 3153.35 | 2182.65 |
| 5971 | 89.50 | 177.30 | 4803.62 | -1580.11 | 8.86 | 0.94 | 1780.11 | 3497.89 | 3154.86 | 2181.14 |
| 6035 | 89.60 | 176.90 | 4804.13 | -1644.03 | 12.10 | 0.64 | 1844.03 | 3433.97 | 3158.10 | 2177.90 |
| 6099 | 90.10 | 176.60 | 4804.29 | -1707.93 | 15.73 | 0.91 | 1907.93 | 3370.07 | 3161.73 | 2174.27 |
| 6131 | 90.20 | 176.60 | 4804.21 | -1739.87 | 17.63 | 0.31 | 1939.87 | 3338.13 | 3163.63 | 2172.37 |
| 6194 | 89.70 | 177.40 | 4804.26 | -1802.78 | 20.92 | 1.50 | 2002.78 | 3275.22 | 3166.92 | 2169.08 |
| 6226 | 89.90 | 177.50 | 4804.38 | -1834.75 | 22.35 | 0.70 | 2034.75 | 3243.25 | 3168.35 | 2167.65 |
| 6290 | 90.40 | 177.50 | 4804.21 | -1898.69 | 25.14 | 0.78 | 2098.69 | 3179.31 | 3171.14 | 2164.86 |
| 6322 | 90.60 | 177.40 | 4803.93 | -1930.66 | 26.56 | 0.70 | 2130.66 | 3147.34 | 3172.56 | 2163.44 |
| 6417 | 90.60 | 179.30 | 4802.93 | -2025.61 | 29.30 | 2.00 | 2225.61 | 3052.39 | 3175.30 | 2160.70 |
| 6481 | 89.50 | 179.60 | 4802.88 | -2089.60 | 29.91 | 1.78 | 2289.60 | 2988.40 | 3175.91 | 2160.09 |
| 6513 | 89.60 | 179.50 | 4803.13 | -2121.60 | 30.16 | 0.44 | 2321.60 | 2956.40 | 3176.16 | 2159.84 |
| 6577 | 89.80 | 179.30 | 4803.46 | -2185.60 | 30.83 | 0.44 | 2385.60 | 2892.40 | 3176.83 | 2159.17 |
| 6609 | 90.00 | 179.30 | 4803.52 | -2217.60 | 31.22 | 0.62 | 2417.60 | 2860.40 | 3177.22 | 2158.78 |
| 6641 | 89.10 | 179.20 | 4803.77 | -2249.59 | 31.64 | 2.83 | 2449.59 | 2828.41 | 3177.64 | 2158.36 |

| | | | | | | | | | | |
|------|-------|--------|---------|----------|-------|------|---------|---------|---------|---------|
| 6704 | 88.50 | 178.40 | 4805.09 | -2312.56 | 32.96 | 1.59 | 2512.56 | 2765.44 | 3178.96 | 2157.04 |
| 6736 | 88.50 | 178.20 | 4805.93 | -2344.54 | 33.91 | 0.62 | 2544.54 | 2733.46 | 3179.91 | 2156.09 |
| 6800 | 89.20 | 178.30 | 4807.21 | -2408.49 | 35.86 | 1.10 | 2608.49 | 2669.51 | 3181.86 | 2154.14 |
| 6895 | 89.50 | 178.80 | 4808.29 | -2503.46 | 38.27 | 0.61 | 2703.46 | 2574.54 | 3184.27 | 2151.73 |
| 6991 | 90.10 | 179.00 | 4808.63 | -2599.44 | 40.11 | 0.66 | 2799.44 | 2478.56 | 3186.11 | 2149.89 |
| 7055 | 89.80 | 179.00 | 4808.68 | -2663.43 | 41.23 | 0.47 | 2863.43 | 2414.57 | 3187.23 | 2148.77 |
| 7087 | 89.70 | 178.80 | 4808.82 | -2695.42 | 41.84 | 0.70 | 2895.42 | 2382.58 | 3187.84 | 2148.16 |
| 7119 | 90.10 | 179.20 | 4808.88 | -2727.42 | 42.40 | 1.77 | 2927.42 | 2350.58 | 3188.40 | 2147.60 |
| 7182 | 87.00 | 175.80 | 4810.47 | -2790.32 | 45.15 | 7.30 | 2990.32 | 2287.68 | 3191.15 | 2144.85 |
| 7214 | 86.90 | 175.50 | 4812.17 | -2822.18 | 47.57 | 0.99 | 3022.18 | 2255.82 | 3193.57 | 2142.43 |
| 7246 | 87.00 | 175.40 | 4813.88 | -2854.04 | 50.10 | 0.44 | 3054.04 | 2223.96 | 3196.10 | 2139.90 |
| 7278 | 87.90 | 177.30 | 4815.30 | -2885.94 | 52.14 | 6.56 | 3085.94 | 2192.06 | 3198.14 | 2137.86 |
| 7342 | 89.00 | 180.00 | 4817.03 | -2949.89 | 53.65 | 4.55 | 3149.89 | 2128.11 | 3199.65 | 2136.35 |
| 7374 | 89.50 | 180.80 | 4817.45 | -2981.89 | 53.42 | 2.95 | 3181.89 | 2096.11 | 3199.42 | 2136.58 |
| 7406 | 89.20 | 180.60 | 4817.81 | -3013.88 | 53.03 | 1.13 | 3213.88 | 2064.12 | 3199.03 | 2136.97 |
| 7469 | 89.30 | 180.50 | 4818.64 | -3076.87 | 52.43 | 0.22 | 3276.87 | 2001.13 | 3198.43 | 2137.57 |
| 7501 | 89.20 | 181.00 | 4819.06 | -3108.87 | 52.01 | 1.59 | 3308.87 | 1969.13 | 3198.01 | 2137.99 |
| 7565 | 89.10 | 181.00 | 4820.01 | -3172.85 | 50.89 | 0.16 | 3372.85 | 1905.15 | 3196.89 | 2139.11 |

| | | | | | | | | | | |
|------|-------|--------|---------|----------|--------|-------|---------|---------|---------|---------|
| 7629 | 88.70 | 179.40 | 4821.24 | -3236.84 | 50.67 | 2.58 | 3436.84 | 1841.16 | 3196.67 | 2139.33 |
| 7661 | 88.80 | 179.20 | 4821.93 | -3268.83 | 51.06 | 0.70 | 3468.83 | 1809.17 | 3197.06 | 2138.94 |
| 7692 | 85.10 | 177.60 | 4823.58 | -3299.77 | 51.92 | 13.00 | 3499.77 | 1778.23 | 3197.92 | 2138.08 |
| 7724 | 85.80 | 174.60 | 4826.12 | -3331.59 | 54.09 | 9.60 | 3531.59 | 1746.41 | 3200.09 | 2135.91 |
| 7756 | 86.10 | 174.40 | 4828.38 | -3363.36 | 57.15 | 1.13 | 3563.36 | 1714.64 | 3203.15 | 2132.85 |
| 7788 | 88.20 | 174.20 | 4829.97 | -3395.16 | 60.33 | 6.59 | 3595.16 | 1682.84 | 3206.33 | 2129.67 |
| 7851 | 90.40 | 173.80 | 4830.74 | -3457.81 | 66.91 | 3.55 | 3657.81 | 1620.19 | 3212.91 | 2123.09 |
| 7883 | 91.10 | 173.60 | 4830.32 | -3489.61 | 70.42 | 2.28 | 3689.61 | 1588.39 | 3216.42 | 2119.58 |
| 7947 | 92.40 | 175.40 | 4828.37 | -3553.28 | 76.55 | 3.47 | 3753.28 | 1524.72 | 3222.55 | 2113.45 |
| 7979 | 92.70 | 175.50 | 4826.95 | -3585.15 | 79.09 | 0.99 | 3785.15 | 1492.85 | 3225.09 | 2110.91 |
| 8043 | 92.40 | 177.30 | 4824.10 | -3648.96 | 83.10 | 2.85 | 3848.96 | 1429.04 | 3229.10 | 2106.90 |
| 8138 | 91.40 | 177.70 | 4820.95 | -3743.81 | 87.24 | 1.13 | 3943.81 | 1334.19 | 3233.24 | 2102.76 |
| 8170 | 91.30 | 177.30 | 4820.20 | -3775.77 | 88.64 | 1.29 | 3975.77 | 1302.23 | 3234.64 | 2101.36 |
| 8234 | 90.60 | 178.60 | 4819.13 | -3839.72 | 90.93 | 2.31 | 4039.72 | 1238.28 | 3236.93 | 2099.07 |
| 8298 | 90.10 | 178.10 | 4818.74 | -3903.69 | 92.77 | 1.10 | 4103.69 | 1174.31 | 3238.77 | 2097.23 |
| 8330 | 89.80 | 178.00 | 4818.77 | -3935.68 | 93.86 | 0.99 | 4135.68 | 1142.32 | 3239.86 | 2096.14 |
| 8393 | 89.90 | 178.00 | 4818.94 | -3998.64 | 96.06 | 0.16 | 4198.64 | 1079.36 | 3242.06 | 2093.94 |
| 8425 | 90.60 | 178.10 | 4818.80 | -4030.62 | 97.15 | 2.21 | 4230.62 | 1047.38 | 3243.15 | 2092.85 |
| 8521 | 91.00 | 177.30 | 4817.46 | -4126.53 | 101.00 | 0.93 | 4326.53 | 951.47 | 3247.00 | 2089.00 |
| 8616 | 91.00 | 178.90 | 4815.80 | -4221.46 | 104.15 | 1.68 | 4421.46 | 856.54 | 3250.15 | 2085.85 |
| 8648 | 90.80 | 179.00 | 4815.30 | -4253.45 | 104.74 | 0.70 | 4453.45 | 824.55 | 3250.74 | 2085.26 |
| 8712 | 89.50 | 179.20 | 4815.13 | -4317.44 | 105.74 | 2.06 | 4517.44 | 760.56 | 3251.74 | 2084.26 |
| 8808 | 92.20 | 179.90 | 4813.70 | -4413.42 | 106.49 | 2.91 | 4613.42 | 664.58 | 3252.49 | 2083.51 |
| 8903 | 91.90 | 179.90 | 4810.31 | -4508.36 | 106.66 | 0.32 | 4708.36 | 569.64 | 3252.66 | 2083.34 |
| 8999 | 93.20 | 179.00 | 4806.03 | -4604.26 | 107.58 | 1.65 | 4804.26 | 473.74 | 3253.58 | 2082.42 |
| 9094 | 92.90 | 178.90 | 4800.98 | -4699.10 | 109.32 | 0.33 | 4899.10 | 378.90 | 3255.32 | 2080.68 |
| 9142 | 92.90 | 178.90 | 4798.55 | -4747.03 | 110.24 | 0.00 | 4947.03 | 330.97 | 3256.24 | 2079.76 |



INVOICE

| | |
|------------|-----------|
| DATE | INVOICE # |
| 12/31/2011 | 2792 |

| |
|--|
| BILL TO |
| SANDRIDGE ENERGY, INC. ATTN: PURCHASING MANAGER 123 ROBERT S. KERR AVENUE OKLAHOMA CITY, OK 73102 |

| |
|--|
| REMIT TO |
| EDGE SERVICES, INC. BILLING DEPARTMENT PO BOX 14201 OKLAHOMA CITY, OK 73113 |

| STARTING D... | WORK ORDER | RIG NUMBER | LEASE NAME | Terms |
|---------------|------------|------------|--------------|---------------|
| 12/30/2011 | 2364 | LARIAT 46 | JENNIE 1-10H | Due on rec... |

| Description | Amount |
|--|--------------------|
| DRILLED 100' OF 30" CONDUCTOR HOLE DRILLED 6' OF 76" HOLE & SET 6' x 6' TINHORN CELLAR FURNISHED 100' OF 20" CONDUCTOR PIPE FURNISHED MUD, WATER, AND TRUCKING FURNISHED WELDER AND MATERIALS FURNISHED GROUT 10 YARD OF GRADE A 10 SACK GROUT FURNISHED GROUT PUMP DRILL MOUSE HOLES FURNISHED 100' OF 16" CONDUCTOR PIPE FOR MOUSE HOLE/TOP DRIVE JOB TOTAL BID 5 | 24,650.00 |
| TOTAL | \$24,650.00 |

RECEIVED

JAN 31 2012

HALLIBURTON

REGULATORY DEPT
SANDRIDGE ENERGY
The Road to Excellence Starts with Safety

Cementing Job Summary

| | | | |
|--|--------------------|------------------------------------|------------------------|
| Sold To #: 305021 | Ship To #: 2901212 | Quote #: | Sales Order #: 9192558 |
| Customer: SANDRIDGE ENERGY INC EBUSINESS | | Customer Rep: Thingelstad, Kara | |
| Well Name: Jennie | Well #: 1-10H | API/UWI #: | |
| Field: | City (SAP): KIOWA | County/Parish: Barber | State: Kansas |
| Legal Description: Section 10 Township 35S Range 10W | | | |
| Job Purpose: Cement Surface Casing | | | |
| Well Type: Development Well | | Job Type: Cement Surface Casing | |
| Sales Person: CRAWFORD, ROBERT | | Srvc Supervisor: CARRILLO, EDUARDO | MBU ID Emp #: 371263 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|----------------------------|---------|--------|--------------|---------|--------|------------------|---------|--------|
| CARRILLO, EDUARDO Carrillo | 6.5 | 371263 | GOMEZ, OSCAR | 6.5 | 490448 | GRAVES, JEREMY L | 6.5 | 399155 |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| | | | | | | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|--------------|-------------------|-----------------|---|-------------------|-----------------|------|-------------------|-----------------|
| 1-11-12 | 6.5 | 3 | | | | | | |
| TOTAL | | | <i>Total is the sum of each column separately</i> | | | | | |

Job

Job Times

| Formation Name | Formation Depth (MD) | Top | Bottom | Called Out | Date | Time | Time Zone |
|------------------------|----------------------|-----|-------------------|---------------|-----------------|-------|-----------|
| | | | | On Location | 11 - Jan - 2012 | 00:00 | CST |
| Form Type | | | BHST | Job Started | 11 - Jan - 2012 | 10:43 | CST |
| Job depth MD | 1027. ft | | Job Depth TVD | Job Completed | 11 - Jan - 2012 | 12:27 | CST |
| Water Depth | | | Wk Ht Above Floor | Departed Loc | 11 - Jan - 2012 | 14:00 | CST |
| Perforation Depth (MD) | From | | To | | | | |

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 |
|--------------------------------|------------|-------------------|---------|--------|---------------|--------|-------|-----------|--------------|------------|---------------|
| Surface Casing Open Hole Lower | | | | 14.75 | | | | 700. | 1000. | | |
| Surface Open Hole | | | | 14.75 | | | | 80. | 700. | | |
| Preset Conductor | Unknown | | 20. | 19.124 | 94. | | | | 80. | | |
| Surface Casing | Unknown | | 10.75 | 9.95 | 45.5 | BTC | J-55 | | 1000. | | |

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 | Conc | Qty |

Fluid Data

Stage/Plug #: 1

Cementing Job Summary

| 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 | HLC Standard | EXTENDACEM (TM) SYSTEM (452981) | 550.0 | sacks | 12.4 | 2.1 | 11.61 | | 11.61 |
| | 3 % | CALCIUM CHLORIDE, PELLET, 50 LB (101509387) | | | | | | | |
| | 0.25 lbm | POLY-E-FLAKE (101216940) | | | | | | | |
| | 11.607 Gal | FRESH WATER | | | | | | | |
| 2 | STANDARD | SWIFTCEM (TM) SYSTEM (452990) | 280.0 | sacks | 15.6 | 1.2 | 5.32 | | 5.32 |
| | 2 % | CALCIUM CHLORIDE, PELLET, 50 LB (101509387) | | | | | | | |
| | 0.125 lbm | POLY-E-FLAKE (101216940) | | | | | | | |
| | 5.319 Gal | FRESH WATER | | | | | | | |
| Calculated Values | | Pressures | | | Volumes | | | | |
| Displacement | 94 | Shut In: Instant | | Lost Returns | 0 | Cement Slurry | 265 | Pad | |
| Top Of Cement | SURFACE | 5 Min | | Cement Returns | 108 | Actual Displacement | 94 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 0 | Load and Breakdown | | Total Job | 359 |
| Rates | | | | | | | | | |
| Circulating | 6 | Mixing | 6 | Displacement | 6 | Avg. Job | 6 | | |
| Cement Left In Pipe | Amount | 40 ft | 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 <i>V. Strawn - Dea</i> | | | | | |

The Road to Excellence Starts with Safety

| | | | | | | | |
|---|--|---------------------------|---|---|-------------------|-------------------------------|--|
| Sold To #: 305021 | | Ship To #: 2901212 | | Quote #: | | Sales Order #: 9207912 | |
| Customer: SANDRIDGE ENERGY INC EBUSINESS | | | | Customer Rep: Thingelstad, Kara | | | |
| Well Name: Jennie | | | Well #: 1-10H | | API/UWI #: | | |
| Field: | | City (SAP): KIOWA | | County/Parish: Barber | | State: Kansas | |
| Legal Description: Section 10 Township 35S Range 10W | | | | | | | |
| Contractor: LARIAT | | | Rig/Platform Name/Num: 46 | | | | |
| Job Purpose: Cement Intermediate Casing | | | | | | | |
| Well Type: Development Well | | | | Job Type: Cement Intermediate Casing | | | |
| Sales Person: CRAWFORD, ROBERT | | | Srvc Supervisor: CARRILLO, EDUARDO | | | MBU ID Emp #: 371263 | |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|----------------------------|---------|--------|--------------|---------|--------|----------------|---------|-------|
| CARRILLO, EDUARDO Carrillo | 4.5 | 371263 | GOMEZ, OSCAR | 4.5 | 490448 | Redaufm, Brady | 4.5 | 1234 |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| 10744298C | 60 mile | 10988832 | 60 mile | 11133699 | 60 mile | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|-----------|-------------------|-----------------|------|-------------------|-----------------|------|-------------------|-----------------|
| 1-16-2012 | 4.5 | 3.5 | | | | | | |

TOTAL Total is the sum of each column separately

Job

Job Times

| Formation Name | Formation Depth (MD) Top | Formation Depth (MD) Bottom | Called Out | Date | Time | Time Zone |
|-----------------------------|--------------------------|-----------------------------|---------------|-----------------|-------|-----------|
| | | | On Location | 16 - Jan - 2012 | 15:30 | CST |
| Form Type | BHST | | Job Started | 16 - Jan - 2012 | 17:02 | CST |
| Job depth MD | 5245. ft | Job Depth TVD | Job Completed | 16 - Jan - 2012 | 18:21 | CST |
| Water Depth | | Wk Ht Above Floor | Departed Loc | 16 - Jan - 2012 | 20:00 | CST |
| Perforation Depth (MD) From | | To | | | | |

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 |
|------------------------|------------|-------------------|---------|-------|---------------|--------|-------|-----------|--------------|------------|---------------|
| Intermediate Open Hole | | | | 8.75 | | | | 1000. | 5221. | 1000. | 4801. |
| Intermediate Casing 1 | Unknown | | 7. | 6.184 | 29. | LTC | N-80 | . | 3911. | . | 3911. |
| Intermediate Casing 2 | Unknown | | 7. | 6.276 | 26. | LTC | P-110 | 3911. | 5221. | 3911. | 4801. |
| Surface Casing | Unknown | | 10.75 | 9.95 | 45.5 | BTC | J-55 | . | 1000. | | |

Tools and Accessories

| Type | Size | Qty | Make | Depth | Type | Size | Qty | Make | Depth | Type | Size | Qty | Make |
|--------------|------|-----|------|-------|-------------|------|-----|------|-------|----------------|------|-----|------|
| Guide Shoe | | | | | Packer | | | | | Top Plug | 7' | 1 | H |
| Float Shoe | | | | | Bridge Plug | | | | | Bottom Plug | | | |
| Float Collar | | | | | Retainer | | | | | SSR plug set | | | |
| Insert Float | | | | | | | | | | Plug Container | 7' | 1 | H |
| 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

HALLIBURTON

Cementing Job Summary

| 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 | Water Spacer | | 10.00 | bbl | 8.33 | .0 | .0 | .0 | |
| 2 | 50/50 POZ STANDARD (w/ 2% extra gel) | ECONOCEM (TM) SYSTEM (452992) | 185.0 | sacks | 13.6 | 1.54 | 7.36 | | 7.36 |
| | 0.4 % | HALAD(R)-9, 50 LB (100001617) | | | | | | | |
| | 2 lbm | KOL-SEAL, BULK (100064233) | | | | | | | |
| | 2 % | BENTONITE, BULK (100003682) | | | | | | | |
| | 7.356 Gal | FRESH WATER | | | | | | | |
| Calculated Values | | Pressures | | | Volumes | | | | |
| Displacement | 192 | Shut In: Instant | | Lost Returns | 0 | Cement Slurry | 51 | Pad | |
| Top Of Cement | 3450 | 5 Min | | Cement Returns | 0 | Actual Displacement | 192 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 10 | Load and Breakdown | | Total Job | 253 |
| Rates | | | | | | | | | |
| Circulating | 4 | Mixing | 4 | Displacement | 4.5 | Avg. Job | 4 | | |
| Cement Left In Pipe | Amount | 40 ft | 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 | | | | | |

The Road to Excellence Starts with Safety

| | | | |
|--|--------------------|-----------------------------------|------------------------|
| Sold To #: 305021 | Ship To #: 2901212 | Quote #: | Sales Order #: 9231332 |
| Customer: SANDRIDGE ENERGY INC EBUSINESS | | Customer Rep: Thingelstad, Kara | |
| Well Name: Jennie | Well #: 1-10H | API/UWI #: | |
| Field: | City (SAP): KIOWA | County/Parish: Barber | State: Kansas |
| Legal Description: Section 10 Township 35S Range 10W | | | |
| Contractor: Lariat | | Rig/Platform Name/Num: 46 | |
| Job Purpose: Cement Production Liner | | | |
| Well Type: Development Well | | Job Type: Cement Production Liner | |
| Sales Person: CRAWFORD, ROBERT | | Srvc Supervisor: TORRES, DIEGO | MBU ID Emp #: 390647 |

Job Personnel

| HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # | HES Emp Name | Exp Hrs | Emp # |
|-------------------------|---------|--------|---------------------------|---------|--------|--------------------------|---------|--------|
| CRESS, JOHNNY Leneil | 12 | 511390 | GILMORE, DONALD Zackry | 12 | 493055 | TOPE, GEOFFREY Daniel | 12 | 489420 |
| TORRES, DIEGO Lopez | 12 | 390647 | | | | | | |

Equipment

| HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way | HES Unit # | Distance-1 way |
|------------|----------------|------------|----------------|------------|----------------|------------|----------------|
| | | | | | | | |

Job Hours

| Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours | Date | On Location Hours | Operating Hours |
|---------|-------------------|-----------------|---------|-------------------|-----------------|------|-------------------|-----------------|
| 1-25-12 | 5 | 0 | 1-26-12 | 7 | 3 | | | |

TOTAL Total is the sum of each column separately

Job

Job Times

| Formation Name | Top | Bottom | Called Out | Date | Time | Time Zone |
|------------------------|---------|-------------------|---------------|-----------------|-------|-----------|
| Formation Depth (MD) | | | | 25 - Jan - 2012 | 13:00 | CST |
| Form Type | | BHST | On Location | 25 - Jan - 2012 | 19:00 | CST |
| Job depth MD | 914. ft | Job Depth TVD | Job Started | 25 - Jan - 2012 | 03:30 | CST |
| Water Depth | | Wk Ht Above Floor | Job Completed | 25 - Jan - 2012 | 05:18 | CST |
| Perforation Depth (MD) | From | To | Departed Loc | 25 - Jan - 2012 | 06:50 | CST |

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 |
|----------------------------|------------|-------------------|---------|-------|---------------|---------|-------|-----------|--------------|------------|---------------|
| Production Liner Open Hole | | | | 6.125 | | | | 5220. | 9162. | 4801. | 4828. |
| Intermediate Casing 1 | Unknown | | 7. | 6.184 | 29. | LTC | N-80 | . | 3911. | . | 3911. |
| Intermediate Casing 2 | Unknown | | 7. | 6.276 | 26. | LTC | P-110 | 3911. | 5221. | 3911. | 4801. |
| Production Liner | Unknown | | 4.5 | 4. | 11.6 | | N-80 | 4825. | 9162. | 4825. | 4828. |
| Drill Pipe | Unknown | | 4. | 3.34 | 14. | Unknown | | . | 4825. | | |

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 ft ³ /sk | Mix Fluid Gal/sk | Rate bbl/min | Total Mix Fluid Gal/sk |
| 1 | Rig Caustic Water Spacer | | 10.00 | bbl | 8.5 | .0 | .0 | .0 | |
| 2 | 50/50 POZ STANDARD (w/ 2% extra gel) | ECONOCEM (TM) SYSTEM (452992) | 450.0 | sacks | 13.6 | 1.54 | 7.36 | | 7.36 |
| | 0.4 % | HALAD(R)-9, 50 LB (100001617) | | | | | | | |
| | 2 lbm | KOL-SEAL, BULK (100064233) | | | | | | | |
| | 2 % | BENTONITE, BULK (100003682) | | | | | | | |
| | 7.356 Gal | FRESH WATER | | | | | | | |
| Calculated Values | | Pressures | | Volumes | | | | | |
| Displacement | 93 | Shut In: Instant | | Lost Returns | NO | Cement Slurry | 123 | Pad | |
| Top Of Cement | 4279 | 5 Min | | Cement Returns | 0 | Actual Displacement | 93 | Treatment | |
| Frac Gradient | | 15 Min | | Spacers | 10 | Load and Breakdown | | Total Job | 226 |
| Rates | | | | | | | | | |
| Circulating | 5 | Mixing | 5 | Displacement | 5 | Avg. Job | 5 | | |
| Cement Left In Pipe | | Amount | 80 ft | Reason | Shoe Joint | | | | |
| Frac Ring # 1 @ | | ID | | Frac ring # 2 @ | | ID | | Frac Ring # 3 @ | |
| | | | | | | | | | |
| The Information Stated Herein Is Correct | | | | Customer Representative Signature | | | | | |

Section 3
35S 10W

Section 2
35S 10W

LORI 1-2H

JENNIE 1-10H

WILLIAM 1-11H

Miss Entry: 5006'
-98.39132 37.019050
Top Perf: 5026'
-98.391329 37.01899

Section 10
35S 10W

Section 11
35S 10W

Bottom Perf: 9052'
-98.390839 37.008245

BHL: 9142'
-98.390828 37.007723

330' FSL

2079' FEL

Section 15
35S 10W

Section 14
35S 10W



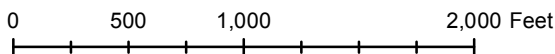
● Actual BH Location

* SandRidge Wells

--- Perf

□ Sections

Actual Bottom-Hole Location of Jennie 1-10H
Barber County, Kansas
T&R: 35S 10W
Section: 10, 2079' FEL & 330' FSL
Long/Lat: -98.390828 37.007723
1 in = 833 ft



Draftsman:

Aaron Birk

Draft Date: 4/20/2012

Drawing Name/Number:

Addendum_Jennie_1-10H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

Logo

Back to Well Completion

Jennie 1-10H (1073048)

Actions

| |
|-------------------------|
| View PDF |
| Delete |
| Edit |
| Certify & Submit |
| Request Confidentiality |

Attachments

| | |
|--------------------------------------|--------------------|
| Two Year Confidentiality OPERATOR | View PDF Delete |
| Directional Survey OPERATOR | View PDF Delete |
| Cementing Reports OPERATOR | View PDF Delete |
| As Drilled Plat OPERATOR | View PDF Delete |

[Add Attachment](#)

Remarks

| | |
|----------------|--|
| Remarks to KCC | |
|----------------|--|

[Add Remark](#)

Remarks

| | |
|---|---|
| Tiffany Golay 04/23/012 07:35 am | Fluid Mgmt: 440 bbls hauled to disposal, Richard Gray Mud Disposal, License No- 32300, S15-T24S-7W Garfield, OK and 4565bbls soil farmed by Triple C, 9-28N-9W, Garfield, OK, Permit No- 1-9224 (OCC) |
| Tiffany Golay 03/01/012 09:26 am | Cementing: Conductor String weight: 94 lbs/ft; Edge Services furnished 10 yards of 10 sack grout. They do not track sacks used. |