



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1201795
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: _____

1201795

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 <i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| 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: | | | | |

| 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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ | PRODUCTION INTERVAL: _____ _____ |
|--|---|---|

| | |
|-----------|--|
| Form | ACO1 - Well Completion |
| Operator | SandRidge Exploration and Production LLC |
| Well Name | West 3508 1-5H |
| Doc ID | 1201795 |

Perforations

| Shots Per Foot | Perforation Record | Material Record | Depth |
|----------------|--------------------|-----------------|-------|
| 5 | 5330-5332 | | |
| 5 | 5474-5476 | | |
| 5 | 5558-5560 | | |
| 5 | 5826-5828 | | |
| 5 | 5907-5909 | | |
| 5 | 5998-6000 | | |
| 5 | 6072-6074 | | |
| 5 | 6168-6170 | | |
| 5 | 6270-6272 | | |
| 5 | 6350-6352 | | |
| 5 | 6424-6426 | | |
| 5 | 6489-6491 | | |
| 5 | 6590-6592 | | |
| 5 | 6664-6666 | | |
| 5 | 6756-6758 | | |
| 5 | 6862-6864 | | |
| 5 | 6923-6925 | | |
| 5 | 6994-6996 | | |
| 5 | 7072-7526 | | |
| 5 | 7621-7998 | | |
| 5 | 8072-8474 | | |
| 5 | 8527-8922 | | |
| 5 | 8992-9390 | | |
| 5 | 9467-9779 | | |

Hydraulic Fracturing Fluid Product Component Information Disclosure

| | |
|--------------------------------|--------------------|
| Job Start Date: | 3/21/2014 |
| Job End Date: | 3/24/2014 |
| State: | Kansas |
| County: | Harper |
| API Number: | 15-077-21997-01-00 |
| Operator Name: | SandRidge Energy |
| Well Name and Number: | West 3508 1-5H |
| Longitude: | -98.20416000 |
| Latitude: | 37.02309000 |
| Datum: | NAD27 |
| Federal/Tribal Well: | NO |
| True Vertical Depth: | 4,770 |
| Total Base Water Volume (gal): | 2,515,338 |
| Total Base Non Water Volume: | 0 |



Hydraulic Fracturing Fluid Composition:

| Trade Name | Supplier | Purpose | Ingredients | Chemical Abstract Service Number (CAS #) | Maximum Ingredient Concentration in Additive (% by mass)** | Maximum Ingredient Concentration in HF Fluid (% by mass)** | Comments |
|-----------------------------|--------------|------------------|--|--|--|--|-------------------|
| Water | Operator | Carrier | | | | | |
| | | | Water | 7732-18-5 | 100.00000 | 95.90873 | |
| Sand, White, 40/70 | Baker Hughes | Proppant | | | | | |
| | | | Crystalline Silica (Quartz) | 14808-60-7 | 100.00000 | 2.91535 | |
| HCl, 10.1 - 15% | Baker Hughes | Acidizing | | | | | |
| | | | Water | 7732-18-5 | 85.00000 | 0.62005 | SmartCare Product |
| | | | Hydrochloric Acid | 7647-01-0 | 15.00000 | 0.10942 | SmartCare Product |
| Preferred Garnet RC 40/70 | Baker Hughes | Proppant | | | | | |
| | | | Crystalline Silica (Quartz) | 14808-60-7 | 100.00000 | 0.32570 | |
| | | | Castor Oil | 8001-79-4 | 5.00000 | 0.01628 | |
| NE-900, tote | Baker Hughes | Non-emulsifier | | | | | |
| | | | Methanol | 67-56-1 | 30.00000 | 0.01408 | SmartCare Product |
| | | | Nonyl phenyl polyethylene glycol ether | 9016-45-9 | 10.00000 | 0.00469 | SmartCare Product |
| FRW-15DX | Baker Hughes | Friction Reducer | | | | | |
| | | | Anionic Water-Soluble Polymer | Trade Secret | 100.00000 | 0.01439 | |
| Scaletrol 7208, 330 gl tote | Baker Hughes | Scale Inhibitor | | | | | |
| | | | Ethylene Glycol | 107-21-1 | 30.00000 | 0.00781 | |
| Ferrotrol 300L (Totes) | Baker Hughes | Iron Control | | | | | |

| | | | | | | | |
|--|--------------|---------------------|---|--------------|----------|---------|-------------------|
| | | | Citric Acid | 77-92-9 | 60.00000 | 0.00254 | SmartCare Product |
| CI-27 (260 gal tote) | Baker Hughes | Corrosion Inhibitor | | | | | |
| | | | Methanol | 67-56-1 | 60.00000 | 0.00045 | |
| | | | Fatty Acids | Trade Secret | 30.00000 | 0.00022 | |
| | | | Thiourea Polymer | 68527-49-1 | 30.00000 | 0.00022 | |
| | | | Polyoxyalkylenes | Trade Secret | 30.00000 | 0.00022 | |
| | | | Propargyl Alcohol | 107-19-7 | 10.00000 | 0.00007 | |
| | | | Olefin | Trade Secret | 5.00000 | 0.00004 | |
| Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS. | | | | | | | |
| | | Other Chemicals | | | | | |
| | | | Water | 7732-18-5 | | 0.03966 | |
| | | | Copolymer | Trade Secret | | 0.01877 | |
| | | | Diethylene Glycol | 111-46-6 | | 0.00130 | |
| | | | Sodium Chloride | 7647-14-5 | | 0.00000 | |
| | | | Formaldehyde | 50-00-0 | | 0.00000 | |
| | | | Polyacrylate | Trade Secret | | | |
| | | | Potassium Chloride | 7447-40-7 | | | |
| | | | 2-Propenoic, Polymer with Sodium Phosphinate, Sodium Salt | 71050-62-9 | | | |
| | | | Calcium Chloride | 10043-52-4 | | | |

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)



Sandridge Energy, INC.(mid-con.)

Harper Co. (KS27S)

Sec 32-T34S-R08W

West 3508 1-5H/Job # 04618-431-22/ Lariat 40

Wellbore #1

Design: Wellbore #1

Standard Survey Report

11 February, 2014



Archer

Survey Report

| | | | |
|------------------|--|-------------------------------------|---|
| Company: | Sandridge Energy, INC.(mid-con.) | Local Co-ordinate Reference: | Well West 3508 1-5H/Job # 04618-431-22/ Lariat 40 |
| Project: | Harper Co. (KS27S) | TVD Reference: | WELL @ 1254.0usft (Original Well Elev) |
| Site: | Sec 32-T34S-R08W | MD Reference: | WELL @ 1254.0usft (Original Well Elev) |
| Well: | West 3508 1-5H/Job # 04618-431-22/ Lariat 40 | North Reference: | Grid |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM 5000.1 Single User Db |

| | | | |
|--------------------|--------------------------------------|----------------------|----------------|
| Project | Harper Co. (KS27S) | | |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 (NADCON CONUS) | | |
| Map Zone: | Kansas South 1502 | | |

| | | | | | |
|------------------------------|------------------|---------------------|-------------------|--------------------------|-----------------|
| Site | Sec 32-T34S-R08W | | | | |
| Site Position: | Northing: | 134,593.00 usft | Latitude: | 37° 2' 9.471 N | |
| From: | Map | Easting: | 2,082,142.00 usft | Longitude: | 98° 13' 7.003 W |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | 0.17 ° |

| | | | | | | |
|-----------------------------|--|----------|----------------------------|-------------------|----------------------|------------------|
| Well | West 3508 1-5H/Job # 04618-431-22/ Lariat 40 | | | | | |
| Well Position | +N/-S | 0.0 usft | Northing: | 134,866.00 usft | Latitude: | 37° 2' 12.061 N |
| | +E/-W | 0.0 usft | Easting: | 2,085,711.00 usft | Longitude: | 98° 12' 22.979 W |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | usft | Ground Level: | 1,236.0 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 2014/01/07 | 4.50 | 65.11 | 51,631 |

| | | | | | |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|-----|
| Design | Wellbore #1 | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) | |
| | 0.0 | 0.0 | 0.0 | 168.23 | |

| | | | | | |
|-----------------------|------------------|----------------------------------|------------------|--------------------|--|
| Survey Program | Date 2014/02/11 | | | | |
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description | |
| 250.0 | 9,861.0 | Archer MWD Surveys (Wellbore #1) | MWD | MWD - Standard | |

| | | | | | | | | | | |
|-------------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| Survey | | | | | | | | | | |
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | |
| 250.0 | 0.90 | 105.90 | 250.0 | -0.5 | 1.9 | 0.9 | 0.36 | 0.36 | 0.00 | |
| First Single Shot MWD Survey | | | | | | | | | | |
| 500.0 | 0.80 | 105.90 | 500.0 | -1.6 | 5.5 | 2.6 | 0.04 | -0.04 | 0.00 | |
| 782.0 | 0.69 | 105.90 | 781.9 | -2.6 | 9.0 | 4.3 | 0.04 | -0.04 | 0.00 | |
| Last Single Shot MWD Survey | | | | | | | | | | |
| 866.0 | 0.60 | 105.90 | 865.9 | -2.8 | 9.9 | 4.8 | 0.11 | -0.11 | 0.00 | |
| First Archer MWD Survey | | | | | | | | | | |
| 957.0 | 1.80 | 105.30 | 956.9 | -3.3 | 11.7 | 5.6 | 1.32 | 1.32 | -0.66 | |
| 1,048.0 | 3.00 | 105.00 | 1,047.8 | -4.3 | 15.4 | 7.4 | 1.32 | 1.32 | -0.33 | |



Archer

Survey Report

| | | | |
|------------------|--|-------------------------------------|---|
| Company: | Sandridge Energy, INC.(mid-con.) | Local Co-ordinate Reference: | Well West 3508 1-5H/Job # 04618-431-22/ Lariat 40 |
| Project: | Harper Co. (KS27S) | TVD Reference: | WELL @ 1254.0usft (Original Well Elev) |
| Site: | Sec 32-T34S-R08W | MD Reference: | WELL @ 1254.0usft (Original Well Elev) |
| Well: | West 3508 1-5H/Job # 04618-431-22/ Lariat 40 | North Reference: | Grid |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM 5000.1 Single User Db |

Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 1,140.0 | 4.70 | 98.20 | 1,139.6 | -5.5 | 21.5 | 9.7 | 1.91 | 1.85 | -7.39 |
| 1,416.0 | 6.60 | 85.80 | 1,414.3 | -5.9 | 48.5 | 15.7 | 0.81 | 0.69 | -4.49 |
| 1,891.0 | 5.80 | 85.60 | 1,886.5 | -2.1 | 99.6 | 22.4 | 0.17 | -0.17 | -0.04 |
| 2,366.0 | 5.80 | 90.10 | 2,359.1 | -0.3 | 147.6 | 30.4 | 0.10 | 0.00 | 0.95 |
| 2,842.0 | 5.90 | 85.50 | 2,832.6 | 1.6 | 196.0 | 38.4 | 0.10 | 0.02 | -0.97 |
| 3,316.0 | 3.90 | 88.70 | 3,304.8 | 3.9 | 236.4 | 44.5 | 0.43 | -0.42 | 0.68 |
| 3,599.0 | 7.90 | 102.80 | 3,586.3 | -0.2 | 265.0 | 54.3 | 1.49 | 1.41 | 4.98 |
| 3,788.0 | 5.80 | 96.30 | 3,773.9 | -4.2 | 287.2 | 62.7 | 1.18 | -1.11 | -3.44 |
| 3,819.0 | 5.60 | 95.90 | 3,804.8 | -4.5 | 290.2 | 63.6 | 0.66 | -0.65 | -1.29 |
| 3,851.0 | 7.10 | 101.90 | 3,836.6 | -5.0 | 293.7 | 64.9 | 5.12 | 4.69 | 18.75 |
| 3,882.0 | 9.60 | 107.30 | 3,867.3 | -6.2 | 298.1 | 66.9 | 8.44 | 8.06 | 17.42 |
| 3,914.0 | 12.30 | 109.30 | 3,898.7 | -8.1 | 303.8 | 70.0 | 8.52 | 8.44 | 6.25 |
| 3,946.0 | 13.90 | 107.00 | 3,929.8 | -10.4 | 310.7 | 73.6 | 5.26 | 5.00 | -7.19 |
| 3,977.0 | 15.90 | 107.10 | 3,959.8 | -12.7 | 318.3 | 77.4 | 6.45 | 6.45 | 0.32 |
| 4,008.0 | 18.20 | 107.40 | 3,989.4 | -15.4 | 327.0 | 81.8 | 7.42 | 7.42 | 0.97 |
| 4,040.0 | 20.00 | 106.60 | 4,019.7 | -18.5 | 337.0 | 86.9 | 5.68 | 5.63 | -2.50 |
| 4,071.0 | 21.80 | 107.10 | 4,048.6 | -21.7 | 347.6 | 92.2 | 5.83 | 5.81 | 1.61 |
| 4,103.0 | 23.80 | 106.90 | 4,078.1 | -25.3 | 359.5 | 98.1 | 6.25 | 6.25 | -0.63 |
| 4,134.0 | 26.00 | 106.60 | 4,106.2 | -29.1 | 372.0 | 104.4 | 7.11 | 7.10 | -0.97 |
| 4,166.0 | 28.20 | 108.10 | 4,134.7 | -33.4 | 385.9 | 111.5 | 7.20 | 6.88 | 4.69 |
| 4,198.0 | 32.00 | 109.40 | 4,162.4 | -38.6 | 401.1 | 119.6 | 12.05 | 11.88 | 4.06 |
| 4,231.0 | 35.20 | 109.10 | 4,189.9 | -44.6 | 418.3 | 129.0 | 9.71 | 9.70 | -0.91 |
| 4,262.0 | 37.40 | 108.60 | 4,214.9 | -50.5 | 435.7 | 138.4 | 7.16 | 7.10 | -1.61 |
| 4,294.0 | 40.00 | 109.60 | 4,239.8 | -57.1 | 454.6 | 148.6 | 8.36 | 8.13 | 3.13 |
| 4,325.0 | 42.10 | 110.20 | 4,263.2 | -64.0 | 473.7 | 159.3 | 6.89 | 6.77 | 1.94 |
| 4,356.0 | 43.10 | 111.70 | 4,286.0 | -71.5 | 493.3 | 170.7 | 4.60 | 3.23 | 4.84 |
| 4,388.0 | 45.40 | 112.70 | 4,309.0 | -80.0 | 514.0 | 183.2 | 7.51 | 7.19 | 3.13 |
| 4,419.0 | 48.60 | 113.00 | 4,330.1 | -88.8 | 534.9 | 196.0 | 10.35 | 10.32 | 0.97 |
| 4,450.0 | 50.60 | 112.40 | 4,350.2 | -97.9 | 556.7 | 209.4 | 6.62 | 6.45 | -1.94 |
| 4,482.0 | 51.50 | 112.60 | 4,370.3 | -107.4 | 579.6 | 223.4 | 2.85 | 2.81 | 0.63 |
| 4,514.0 | 52.50 | 113.80 | 4,390.0 | -117.3 | 602.8 | 237.9 | 4.30 | 3.13 | 3.75 |
| 4,545.0 | 54.90 | 115.80 | 4,408.4 | -127.8 | 625.5 | 252.8 | 9.33 | 7.74 | 6.45 |
| 4,577.0 | 58.30 | 118.10 | 4,426.0 | -139.9 | 649.3 | 269.5 | 12.20 | 10.63 | 7.19 |
| 4,608.0 | 59.60 | 120.70 | 4,442.0 | -153.0 | 672.4 | 287.0 | 8.32 | 4.19 | 8.39 |
| 4,640.0 | 60.60 | 123.00 | 4,457.9 | -167.6 | 696.0 | 306.1 | 6.97 | 3.13 | 7.19 |
| 4,672.0 | 60.90 | 125.60 | 4,473.6 | -183.3 | 719.1 | 326.2 | 7.15 | 0.94 | 8.13 |
| 4,703.0 | 61.50 | 127.20 | 4,488.5 | -199.5 | 740.9 | 346.5 | 4.92 | 1.94 | 5.16 |
| 4,735.0 | 61.90 | 128.70 | 4,503.7 | -216.8 | 763.1 | 367.9 | 4.31 | 1.25 | 4.69 |
| 4,767.0 | 62.70 | 130.50 | 4,518.5 | -234.8 | 785.0 | 390.1 | 5.57 | 2.50 | 5.63 |
| 4,799.0 | 63.60 | 132.00 | 4,533.0 | -253.7 | 806.4 | 412.9 | 5.04 | 2.81 | 4.69 |
| 4,830.0 | 64.30 | 133.70 | 4,546.6 | -272.6 | 826.8 | 435.6 | 5.42 | 2.26 | 5.48 |
| 4,862.0 | 65.40 | 135.00 | 4,560.2 | -292.9 | 847.6 | 459.6 | 5.03 | 3.44 | 4.06 |
| 4,893.0 | 66.60 | 136.00 | 4,572.8 | -313.1 | 867.4 | 483.5 | 4.86 | 3.87 | 3.23 |



Archer

Survey Report

| | | | |
|------------------|--|-------------------------------------|---|
| Company: | Sandridge Energy, INC.(mid-con.) | Local Co-ordinate Reference: | Well West 3508 1-5H/Job # 04618-431-22/ Lariat 40 |
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| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM 5000.1 Single User Db |

Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 4,925.0 | 67.90 | 137.60 | 4,585.2 | -334.6 | 887.6 | 508.7 | 6.15 | 4.06 | 5.00 |
| 4,956.0 | 68.70 | 139.10 | 4,596.6 | -356.1 | 906.7 | 533.6 | 5.18 | 2.58 | 4.84 |
| 4,988.0 | 69.20 | 140.10 | 4,608.1 | -378.8 | 926.1 | 559.8 | 3.31 | 1.56 | 3.13 |
| 5,020.0 | 70.50 | 141.30 | 4,619.2 | -402.1 | 945.1 | 586.5 | 5.38 | 4.06 | 3.75 |
| 5,051.0 | 71.10 | 143.70 | 4,629.4 | -425.3 | 962.9 | 612.9 | 7.56 | 1.94 | 7.74 |
| 5,083.0 | 71.40 | 145.90 | 4,639.6 | -450.1 | 980.4 | 640.7 | 6.58 | 0.94 | 6.88 |
| 5,114.0 | 72.70 | 147.40 | 4,649.2 | -474.7 | 996.6 | 668.1 | 6.23 | 4.19 | 4.84 |
| 5,146.0 | 72.40 | 149.90 | 4,658.8 | -500.8 | 1,012.5 | 696.8 | 7.51 | -0.94 | 7.81 |
| 5,177.0 | 72.00 | 153.40 | 4,668.3 | -526.7 | 1,026.5 | 725.1 | 10.83 | -1.29 | 11.29 |
| 5,209.0 | 70.80 | 156.50 | 4,678.5 | -554.2 | 1,039.4 | 754.6 | 9.92 | -3.75 | 9.69 |
| 5,240.0 | 71.40 | 159.80 | 4,688.5 | -581.4 | 1,050.3 | 783.5 | 10.26 | 1.94 | 10.65 |
| 5,272.0 | 73.20 | 163.10 | 4,698.3 | -610.3 | 1,060.0 | 813.8 | 11.32 | 5.63 | 10.31 |
| 5,303.0 | 74.60 | 166.30 | 4,706.9 | -639.1 | 1,067.8 | 843.5 | 10.90 | 4.52 | 10.32 |
| 5,335.0 | 76.00 | 170.10 | 4,715.0 | -669.3 | 1,074.1 | 874.4 | 12.29 | 4.38 | 11.88 |
| 5,366.0 | 78.10 | 173.20 | 4,721.9 | -699.2 | 1,078.5 | 904.6 | 11.87 | 6.77 | 10.00 |
| 5,398.0 | 79.80 | 175.80 | 4,728.1 | -730.5 | 1,081.5 | 935.8 | 9.58 | 5.31 | 8.13 |
| 5,444.0 | 81.90 | 177.10 | 4,735.4 | -775.8 | 1,084.3 | 980.7 | 5.35 | 4.57 | 2.83 |
| 5,492.0 | 83.00 | 177.30 | 4,741.7 | -823.3 | 1,086.7 | 1,027.8 | 2.33 | 2.29 | 0.42 |
| 5,539.0 | 84.00 | 177.40 | 4,747.0 | -870.0 | 1,088.8 | 1,073.9 | 2.14 | 2.13 | 0.21 |
| 5,587.0 | 85.80 | 177.80 | 4,751.3 | -917.8 | 1,090.8 | 1,121.0 | 3.84 | 3.75 | 0.83 |
| 5,618.0 | 86.50 | 178.00 | 4,753.4 | -948.7 | 1,092.0 | 1,151.5 | 2.35 | 2.26 | 0.65 |
| 5,650.0 | 87.90 | 178.30 | 4,754.9 | -980.6 | 1,093.0 | 1,183.0 | 4.47 | 4.38 | 0.94 |
| 5,682.0 | 89.40 | 179.00 | 4,755.7 | -1,012.6 | 1,093.7 | 1,214.5 | 5.17 | 4.69 | 2.19 |
| 5,713.0 | 90.60 | 180.40 | 4,755.7 | -1,043.6 | 1,093.9 | 1,244.8 | 5.95 | 3.87 | 4.52 |
| 5,749.0 | 91.50 | 181.20 | 4,755.0 | -1,079.6 | 1,093.4 | 1,280.0 | 3.34 | 2.50 | 2.22 |
| 5,831.0 | 93.30 | 181.60 | 4,751.6 | -1,161.5 | 1,091.4 | 1,359.7 | 2.25 | 2.20 | 0.49 |
| 5,926.0 | 91.60 | 181.30 | 4,747.5 | -1,256.4 | 1,089.0 | 1,452.1 | 1.82 | -1.79 | -0.32 |
| 6,017.0 | 91.30 | 182.80 | 4,745.2 | -1,347.3 | 1,085.7 | 1,540.5 | 1.68 | -0.33 | 1.65 |
| 6,109.0 | 90.40 | 181.60 | 4,743.9 | -1,439.2 | 1,082.2 | 1,629.7 | 1.63 | -0.98 | -1.30 |
| 6,200.0 | 91.20 | 182.00 | 4,742.6 | -1,530.1 | 1,079.4 | 1,718.2 | 0.98 | 0.88 | 0.44 |
| 6,292.0 | 90.10 | 179.40 | 4,741.5 | -1,622.1 | 1,078.2 | 1,808.0 | 3.07 | -1.20 | -2.83 |
| 6,384.0 | 88.80 | 177.00 | 4,742.4 | -1,714.0 | 1,081.1 | 1,898.6 | 2.97 | -1.41 | -2.61 |
| 6,475.0 | 89.00 | 177.90 | 4,744.2 | -1,804.9 | 1,085.2 | 1,988.4 | 1.01 | 0.22 | 0.99 |
| 6,566.0 | 88.40 | 178.70 | 4,746.2 | -1,895.9 | 1,087.9 | 2,078.0 | 1.10 | -0.66 | 0.88 |
| 6,658.0 | 89.40 | 179.80 | 4,748.0 | -1,987.8 | 1,089.1 | 2,168.2 | 1.62 | 1.09 | 1.20 |
| 6,749.0 | 89.10 | 179.80 | 4,749.2 | -2,078.8 | 1,089.4 | 2,257.4 | 0.33 | -0.33 | 0.00 |
| 6,840.0 | 89.80 | 179.70 | 4,750.1 | -2,169.8 | 1,089.8 | 2,346.6 | 0.78 | 0.77 | -0.11 |
| 6,930.0 | 89.70 | 179.10 | 4,750.5 | -2,259.8 | 1,090.7 | 2,434.8 | 0.68 | -0.11 | -0.67 |
| 7,022.0 | 89.30 | 178.60 | 4,751.3 | -2,351.8 | 1,092.6 | 2,525.3 | 0.70 | -0.43 | -0.54 |
| 7,115.0 | 90.00 | 178.60 | 4,751.8 | -2,444.8 | 1,094.8 | 2,616.7 | 0.75 | 0.75 | 0.00 |
| 7,207.0 | 88.90 | 176.40 | 4,752.7 | -2,536.7 | 1,098.9 | 2,707.5 | 2.67 | -1.20 | -2.39 |
| 7,299.0 | 87.80 | 177.90 | 4,755.4 | -2,628.5 | 1,103.4 | 2,798.4 | 2.02 | -1.20 | 1.63 |



Archer

Survey Report

| | |
|---|---|
| Company: Sandridge Energy, INC.(mid-con.) | Local Co-ordinate Reference: Well West 3508 1-5H/Job # 04618-431-22/ Lariat 40 |
| Project: Harper Co. (KS27S) | TVD Reference: WELL @ 1254.0usft (Original Well Elev) |
| Site: Sec 32-T34S-R08W | MD Reference: WELL @ 1254.0usft (Original Well Elev) |
| Well: West 3508 1-5H/Job # 04618-431-22/ Lariat 40 | North Reference: Grid |
| Wellbore: Wellbore #1 | Survey Calculation Method: Minimum Curvature |
| Design: Wellbore #1 | Database: EDM 5000.1 Single User Db |

Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|--|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 7,393.0 | 86.90 | 178.80 | 4,759.7 | -2,722.4 | 1,106.1 | 2,890.8 | 1.35 | -0.96 | 0.96 |
| 7,487.0 | 87.10 | 180.20 | 4,764.6 | -2,816.2 | 1,107.0 | 2,982.9 | 1.50 | 0.21 | 1.49 |
| 7,581.0 | 88.00 | 180.60 | 4,768.6 | -2,910.2 | 1,106.3 | 3,074.7 | 1.05 | 0.96 | 0.43 |
| 7,675.0 | 90.50 | 182.20 | 4,769.9 | -3,004.1 | 1,104.0 | 3,166.2 | 3.16 | 2.66 | 1.70 |
| 7,770.0 | 91.90 | 182.30 | 4,767.9 | -3,099.0 | 1,100.3 | 3,258.3 | 1.48 | 1.47 | 0.11 |
| 7,865.0 | 91.50 | 181.90 | 4,765.1 | -3,193.9 | 1,096.8 | 3,350.5 | 0.60 | -0.42 | -0.42 |
| 7,960.0 | 91.30 | 180.20 | 4,762.7 | -3,288.9 | 1,095.1 | 3,443.1 | 1.80 | -0.21 | -1.79 |
| 8,054.0 | 91.40 | 179.70 | 4,760.5 | -3,382.8 | 1,095.1 | 3,535.1 | 0.54 | 0.11 | -0.53 |
| 8,149.0 | 91.30 | 179.20 | 4,758.3 | -3,477.8 | 1,096.0 | 3,628.3 | 0.54 | -0.11 | -0.53 |
| 8,243.0 | 91.30 | 179.00 | 4,756.2 | -3,571.8 | 1,097.5 | 3,720.6 | 0.21 | 0.00 | -0.21 |
| 8,337.0 | 90.70 | 180.10 | 4,754.5 | -3,665.7 | 1,098.3 | 3,812.7 | 1.33 | -0.64 | 1.17 |
| 8,433.0 | 88.90 | 180.60 | 4,754.9 | -3,761.7 | 1,097.7 | 3,906.6 | 1.95 | -1.88 | 0.52 |
| 8,528.0 | 89.90 | 181.80 | 4,755.8 | -3,856.7 | 1,095.7 | 3,999.1 | 1.64 | 1.05 | 1.26 |
| 8,622.0 | 89.60 | 182.00 | 4,756.3 | -3,950.7 | 1,092.6 | 4,090.5 | 0.38 | -0.32 | 0.21 |
| 8,719.0 | 90.50 | 179.10 | 4,756.2 | -4,047.6 | 1,091.6 | 4,185.2 | 3.13 | 0.93 | -2.99 |
| 8,813.0 | 91.70 | 179.40 | 4,754.4 | -4,141.6 | 1,092.9 | 4,277.5 | 1.32 | 1.28 | 0.32 |
| 8,908.0 | 91.80 | 179.00 | 4,751.5 | -4,236.6 | 1,094.2 | 4,370.7 | 0.43 | 0.11 | -0.42 |
| 9,003.0 | 91.90 | 178.40 | 4,748.4 | -4,331.5 | 1,096.4 | 4,464.1 | 0.64 | 0.11 | -0.63 |
| 9,098.0 | 89.80 | 179.70 | 4,747.0 | -4,426.5 | 1,097.9 | 4,557.4 | 2.60 | -2.21 | 1.37 |
| 9,193.0 | 90.70 | 180.70 | 4,746.6 | -4,521.4 | 1,097.6 | 4,650.3 | 1.42 | 0.95 | 1.05 |
| 9,287.0 | 91.10 | 181.00 | 4,745.1 | -4,615.4 | 1,096.2 | 4,742.0 | 0.53 | 0.43 | 0.32 |
| 9,382.0 | 90.20 | 180.60 | 4,744.0 | -4,710.4 | 1,094.9 | 4,834.7 | 1.04 | -0.95 | -0.42 |
| 9,478.0 | 89.00 | 181.00 | 4,744.7 | -4,806.4 | 1,093.5 | 4,928.4 | 1.32 | -1.25 | 0.42 |
| 9,573.0 | 88.30 | 181.40 | 4,746.9 | -4,901.3 | 1,091.5 | 5,021.0 | 0.85 | -0.74 | 0.42 |
| 9,668.0 | 89.50 | 182.30 | 4,748.8 | -4,996.3 | 1,088.5 | 5,113.3 | 1.58 | 1.26 | 0.95 |
| 9,763.0 | 89.60 | 181.90 | 4,749.5 | -5,091.2 | 1,085.0 | 5,205.5 | 0.43 | 0.11 | -0.42 |
| 9,808.0 | 89.30 | 182.20 | 4,749.9 | -5,136.2 | 1,083.4 | 5,249.2 | 0.94 | -0.67 | 0.67 |
| Last Archer MWD Survey | | | | | | | | | |
| 9,861.0 | 89.30 | 182.20 | 4,750.6 | -5,189.1 | 1,081.4 | 5,300.6 | 0.00 | 0.00 | 0.00 |
| Projection to TD - PBHL West 1-5H | | | | | | | | | |

Design Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------|-----------------------|-------------------|--------------|------------------------------|
| | | +N/-S (usft) | +E/-W (usft) | |
| 250.0 | 250.0 | -0.5 | 1.9 | First Single Shot MWD Survey |
| 782.0 | 781.9 | -2.6 | 9.0 | Last Single Shot MWD Survey |
| 866.0 | 865.9 | -2.8 | 9.9 | First Archer MWD Survey |
| 9,808.0 | 4,749.9 | -5,136.2 | 1,083.4 | Last Archer MWD Survey |
| 9,861.0 | 4,750.6 | -5,189.1 | 1,081.4 | Projection to TD |

Checked By: _____ Approved By: _____ Date: _____

Sandridge Energy, INC. (mid-con.)



Project: Harper Co. (KS27S)
 Site: Sec 32-T34S-R08W
 Well: West 3508 1-5H/Job # 04618-431-22/ Lariat 40
 Plan: Plan 012914 C4 (West 3508 1-5H/Job # 04618-431-22/ Lariat 40/Wellbore #1)

| WELL DETAILS: West 3508 1-5H/Job # 04618-431-22/ Lariat 40 | | | |
|--|------------|-----------------|------------------|
| Ground Level: 1236.0 | | | |
| Northing | Easting | Latitude | Longitude |
| 134866.00 | 2085711.00 | 37° 2' 12.061 N | 98° 12' 22.979 W |

| SECTION DETAILS | | | | | | | | | |
|-----------------|-------|--------|---------|--------|--------|------|---------|--------|--|
| MD | Inc | Azi | +N/-S | TVD | +E/-W | Dleg | TFace | Vsect | |
| 8528.0 | 89.90 | 181.80 | -3856.7 | 4755.8 | 1095.7 | 0.00 | 0.00 | 3999.1 | |
| 8677.8 | 92.61 | 180.52 | -4006.5 | 4752.6 | 1092.7 | 2.00 | -25.27 | 4145.1 | |
| 8777.9 | 92.61 | 180.52 | -4106.5 | 4748.0 | 1091.7 | 0.00 | 0.00 | 4242.8 | |
| 8908.4 | 90.00 | 180.52 | -4236.9 | 4745.0 | 1090.6 | 2.00 | -180.00 | 4370.3 | |
| 9862.6 | 90.00 | 180.51 | -5191.0 | 4745.0 | 1082.0 | 0.00 | -68.50 | 5302.6 | |

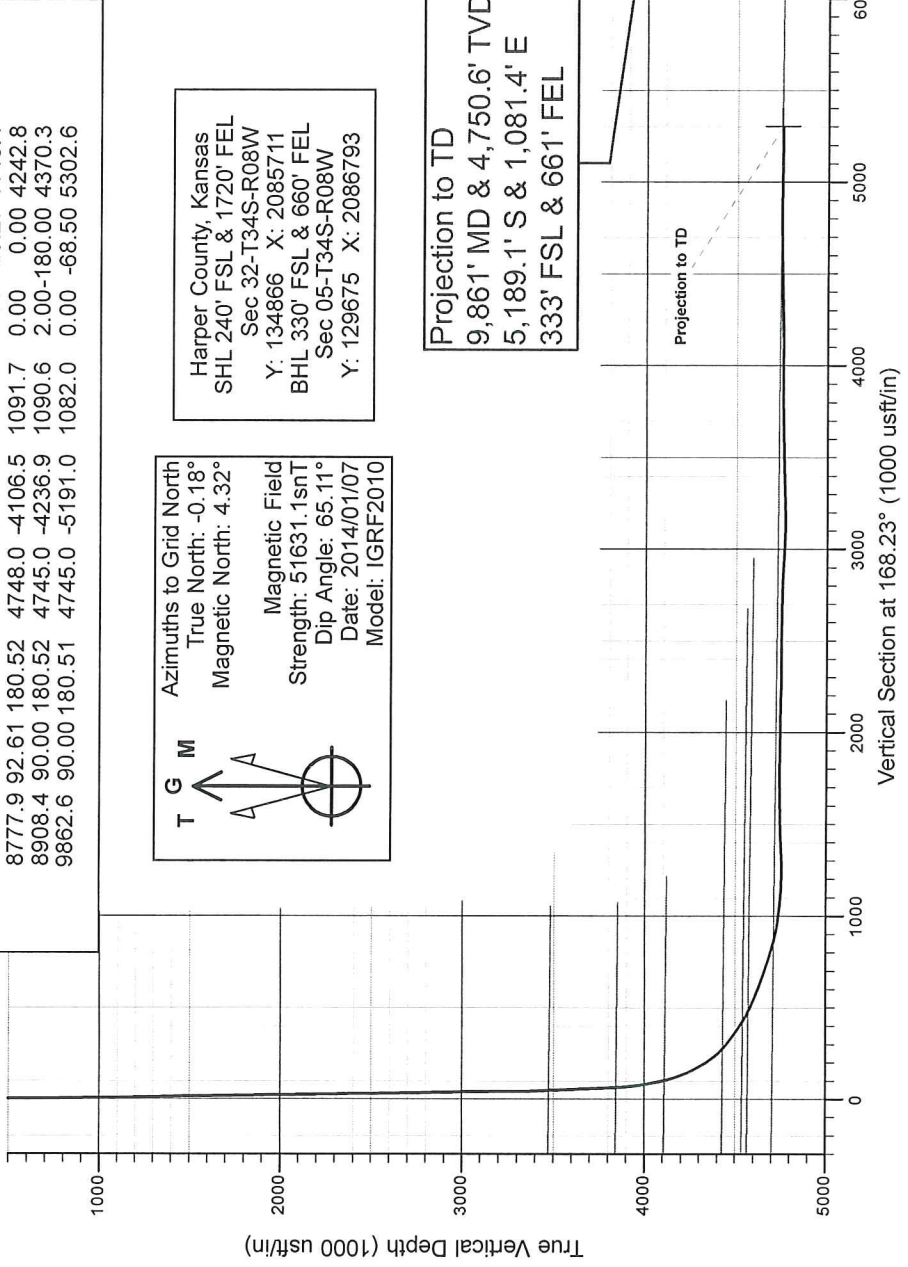
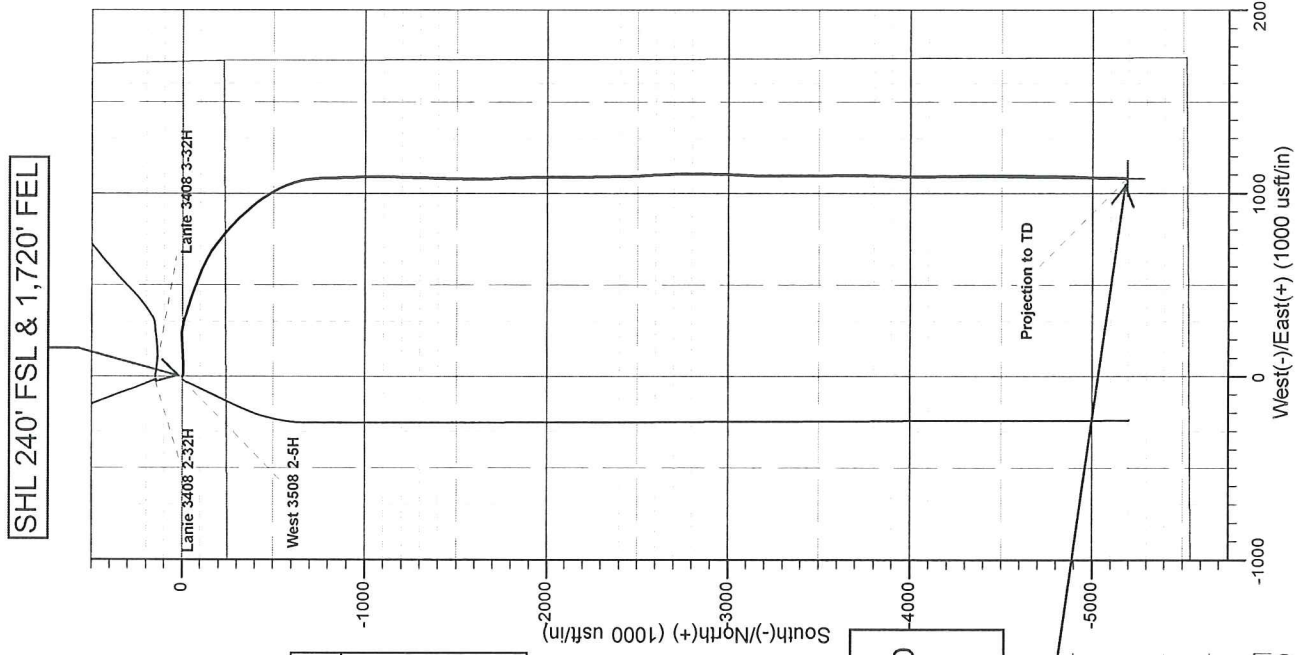
T G M

Azimuths to Grid North
 True North: -0.18°
 Magnetic North: 4.32°

Magnetic Field
 Strength: 51631.1snT
 Dip Angle: 65.11°
 Date: 2014/01/07
 Model: IGRF2010

Harper County, Kansas
 SHL 240' FSL & 1720' FEL
 Sec 32-T34S-R08W
 Y: 134866 X: 2085711
 BHL 330' FSL & 660' FEL
 Sec 05-T34S-R08W
 Y: 129675 X: 2086793

Projection to TD
 9,861' MD & 4,750.6' TVD
 5,189.1' S & 1,081.4' E
 333' FSL & 661' FEL



| | | | | |
|--------------------------------|-------------------------|---|---|--------------------------------|
| JOB SUMMARY | | | PROJECT NUMBER SOK 3334 | TICKET DATE 01/15/14 |
| COUNTY Harper | State Kansas | COMPANY Bridge Exploration & Produc | CUSTOMER REP Jackie Kennedy | |
| LEASE NAME West 3508 | Well No. 1-5H | JOB TYPE Surface | EMPLOYEE NAME marcos quintana | |

| | | | | | |
|-----------------------------------|--|--|--|--|--|
| EMP NAME macos quintana | | | | | |
| 0.00 | | | | | |
| Wallace Berry | | | | | |
| nate cotta | | | | | |

Form. Name _____ Type: _____
 Packer Type _____ Set At **0**
 Bottom Hole Temp. **80** Pressure _____
 Retainer Depth _____ Total Depth **800**

| | | | | |
|------|------------------|------------------|------------------|------------------|
| | Called Out | On Location | Job Started | Job Completed |
| Date | 1/15/2014 | 1/15/2014 | 1/15/2014 | 1/15/2014 |
| Time | 230 | 730 | 1900 | 2015 |

| Tools and Accessories | | |
|--------------------------|-----|------|
| Type and Size | Qty | Make |
| Auto Fill Tube | 0 | IR |
| Insert Float Val | 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 |
| Casing | | 36# | 9" | | Surface | 800 |
| Liner | | | | | | |
| Liner | | | | | | |
| Tubing | | | 0 | | | |
| Drill Pipe | | | | | | |
| Open Hole | | | 12 1/4" | | Surface | 800 |
| Perforations | | | | | | Shots/Ft. |
| Perforations | | | | | | |
| Perforations | | | | | | |

| Materials | | | |
|---------------|-----------------|---------|-----------------------|
| Mud Type | WBM | Density | 9 Lb/Gal |
| Disp. Fluid | Fresh Water | Density | 8.33 Lb/Gal |
| Spacer type | resh Water BBL. | | 10 8.33 |
| 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 |

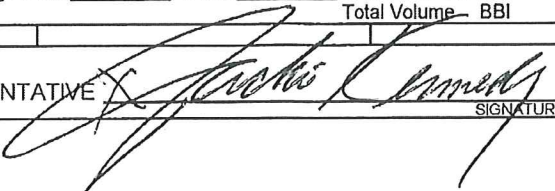
| Hours On Location | | Operating Hours | | Description of Job |
|-------------------|-------------|-----------------|------------|--------------------|
| Date | Hours | Date | Hours | |
| 1/15 | 12.0 | 1/15 | 1.5 | Surface |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Total | 12.0 | Total | 1.5 | |

Perfpac Balls _____ Qty. _____
 Other _____
 Other _____
 Other _____
 Other _____
 Other _____

| Pressures | | | |
|----------------------|------------------|--------|-------------------|
| MAX | 1,500 PSI | AVG | 200 |
| Average Rates in BPM | | | |
| MAX | 6 BPM | AVG | 5 |
| Cement Left in Pipe | | | |
| Feet | 45 | Reason | SHOE JOINT |

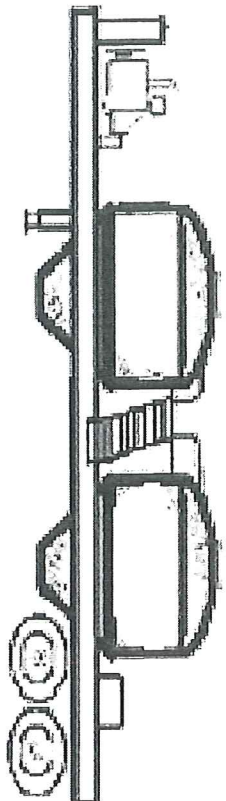
| Cement Data | | | | | | |
|-------------|-------------|---------------------------------|---|--------------|--------------|--------------|
| Stage | Sacks | Cement | Additives | W/Rq. | Yield | Lbs/Gal |
| 1 | 250 | TEX Lite Premium Plus 65 | (6% Gel) 2% Calcium Chloride - 1/2apps Cello-Flake - .5% C-41P | 11.11 | 2.01 | 12.40 |
| 2 | 130 | Premium Plus (Class C) | 2% Calcium Chloride - 1/2apps Cello-Flake | 6.32 | 1.32 | 14.80 |
| 3 | *100 | Premium Plus (Class C) | *2% Calcium Chloride on side to use if necessary | *6.32 | *1.32 | *14.8 |

| Summary | | | | | |
|-----------|---------------|----------------|----------------|-----------|----------------|
| Preflush | _____ | Type: _____ | Preflush: | BBI | 10.00 |
| Breakdown | _____ | MAXIMUM | Load & Bkdn: | Gal - BBI | N/A |
| | _____ | Lost Returns-N | Excess /Return | BBI | 27 |
| | _____ | Actual TOC | Calc. TOC: | | SURFACE |
| Average | _____ | Bump Plug PSI: | Final Circ. | PSI: | 300 |
| ISIP | 5 Min. | 10 Min. | Cement Slurry: | BBI | 120.0 |
| | | 15 Min. | Total Volume | BBI | 187.00 |

CUSTOMER REPRESENTATIVE _____
 SIGNATURE 

O-Tex

Pumping, LLC



Trailer Number: 36824/19147

Driver Name: _____

Front Pot
LEAD

CEMENT ADDITIVES

Cement 65/35 CLASS C/POZ

250 sks

| | |
|---------------|--|
| 6% GEL | |
| 2% CALCIUM | |
| 1/4 PPS FLAKE | |
| .5% C-41P | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Cement CLASS C

130 sks

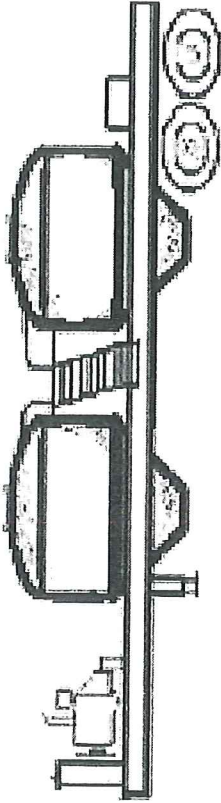
Rear Pot
TAIL

COMPANY: Sandridge

DATE: 1/13/2014

LEASE: West 3508 1-5H

TICKET: SOK 3334



Trailer Number: 73420/62674

Driver Name _____

Front Pot
LEAD

Cement 50/50 Class H/POZ
130 sks

Rear Pot
LEAD

Cement 50/50 Class H/POZ
130 sks

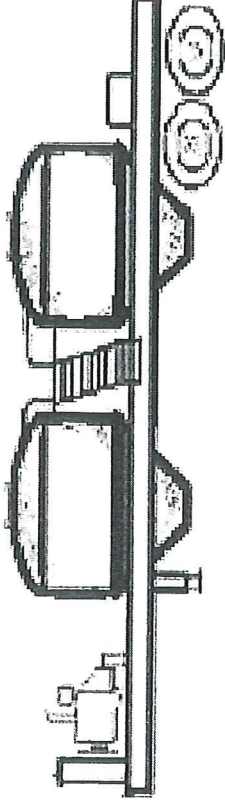
CEMENT ADDITIVES

| | |
|-----------|-----------|
| 4% GEL | 4% GEL |
| .2% FL-17 | .2% FL-17 |
| .2% C-20 | .2% C-20 |
| .1% C-37 | .1% C-37 |
| .1% C-51 | .1% C-51 |
| .4% C-41P | .4% C-41P |
| | |
| | |
| | |

COMPANY: Sandridge DATE: 1/24/2014

LEASE: West 3508 1-5H TICKET: SOK 3365

O-*Tex* Pumping, LLC



Trailer Number: 87278/62656

Driver Name _____

Front Pot
SPACER

Cement Gel Spacer
9 sks

Rear Pot
TAIL

Cement CLASS H
100 sks

CEMENT ADDITIVES

| | |
|-----------|-----------|
| Bentonite | |
| | .2% FL-17 |
| | .1% C-20 |
| | .1% C-51 |
| | .4% C-41P |
| | |
| | |
| | |

COMPANY: Sandridge DATE: 1/24/2014

LEASE: West 3508 1-5H TICKET: SOK 3365



INVOICE

| DATE | INVOICE # |
|------------|-----------|
| 12-27-2011 | 4882 |

BILL TO

NATIONAL - FORTUNE CO.
 10101 PEARSON DRIVE
 DALLAS, TEXAS 75243
 TEL: 214-343-1100

SENT TO

ROBERT W. WILSON
 10101 PEARSON DRIVE
 DALLAS, TEXAS 75243

| COUNTY | STARTING D | WORK ORDER | FL NUMBER | PLANT NAME | Service |
|---------|------------|------------|-----------|------------------|------------|
| TARRANT | 12/26/2011 | 1414 | 1-10144 | WEST 35205-1-511 | Exp. Serv. |

Description

FURNISHED BY THE SUPPLIER WITHIN 1000
 CABLE TIES FOR THE TREE
 FURNISHED AND SET IN PLACE - 1500000000
 FURNISHED BY THE CONTRACTOR FOR THE
 FURNISHED MULCH, WATER, AND TRUCKING
 FURNISHED WITH FERTILIZER APPLICATION
 FURNISHED WITH FERTILIZER APPLICATION
 FURNISHED WITH FERTILIZER APPLICATION
 FURNISHED WITH FERTILIZER APPLICATION
 FURNISHED WITH FERTILIZER APPLICATION

TOTAL NET AMOUNT

APC 12/27/11
 Work Name West 35205 1-511
 Code 850-010
 Amount 19,152.25
 Co. Man Justin Fortman
 Co. Man Sig [Signature]
 Notes _____

| | |
|------------------|------------|
| Sales Tax (6.5%) | \$1,242.91 |
|------------------|------------|

| | |
|--------------|--------------------|
| TOTAL | \$19,152.25 |
|--------------|--------------------|

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/>

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

July 22, 2014

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

Re: ACO-1
API 15-077-21997-01-00
West 3508 1-5H
SE/4 Sec.32-34S-08W
Harper County, Kansas

Dear Wanda Ledbetter:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 12/28/2013 and the ACO-1 was received on April 28, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department