Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1102913

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 # | API No. 15 |
|---|---|
| Name: | Spot Description: |
| Address 1: | |
| Address 2: | Feet from North / South Line of Section |
| City: State: Zip:+ | Feet from East / West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | |
| CONTRACTOR: License # | GPS Location: Lat:, Long: |
| Name: | (e.g. xx.xxxx) (e.gxxx.xxxx) |
| Wellsite Geologist: | Datum: NAD27 NAD83 WGS84 |
| Purchaser: | County: |
| Designate Type of Completion: | Lease Name: Well #: |
| New Well Re-Entry Workover | Field Name: |
| | Producing Formation: |
| | Elevation: Ground: Kelly Bushing: |
| Gas D&A ENHR SIGW | Total Vertical Depth: Plug Back Total Depth: |
| GG GSW Temp. Abd. | Amount of Surface Pipe Set and Cemented at: Feet |
| CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): | Multiple Stage Cementing Collar Used? |
| If Workover/Re-entry: Old Well Info as follows: | If yes, show depth set: Feet |
| Operator: | If Alternate II completion, cement circulated from: |
| Well Name: | feet depth to:w/sx cmt. |
| Original Comp. Date: Original Total Depth: | |
| Deepening Re-perf. Conv. to SWD | Deille a Flaid Management Plan |
| Plug Back Conv. to GSW Conv. to GSW Conv. to Producer | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Commingled Permit #: | Chloride content: ppm Fluid volume: bbls |
| Dual Completion Permit #: | Dewatering method used: |
| SWD Permit #: | Location of fluid disposal if hauled offsite: |
| ENHR Permit #: | |
| GSW Permit #: | Operator Name: |
| | Lease Name: License #: |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec TwpS. R East West |
| Recompletion Date Recompletion Date | 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 Approved by: Date: |
| |

| | Page Two | |
|-------------------------|-------------|---------|
| Operator Name: | Lease Name: | Well #: |
| Sec TwpS. 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 (Attach Additional Sheets) | | Yes No | | - | n (Top), Depth an | | Sample |
|--|----------------------|------------------------------------|-----------------|---------------------|-------------------|------------------|--------|
| Samples Sent to Geological Survey | | Yes No | Nam | e | | Тор | Datum |
| Cores Taken Electric Log Run | | Yes No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | | | | | | |
| | | CASING Report all strings set-c | | | an ata | | |
| | | Report all stilligs set-o | | inieulate, producti | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | · · · · · | ADDITIONAL | CEMENTING / SQU | JEEZE RECORD | - | · · · · · · | |
| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | | Type and Pe | ercent Additives | |
| Protect Casing | | | | | | | |
| Plug Off Zone | | | | | | | |

| Did you perform a hydraulic fracturing treatment on this well? | Yes |
|---|-----|
| Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? | Yes |
| Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? | Yes |

(If No, skip questions 2 and 3) (If No, skip question 3)

No

🗌 No

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 | | | | | e | | | ement Squeeze Record of Material Used) | Depth |
|--------------------------------------|---|------------------|----------------------|-----------------|---------|-----------|---------------|-----------------|---|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Siz | ze: | Set At: | | Packer | r At: | Liner R | un: | No | |
| Date of First, Resumed | l Producti | ion, SWD or ENHF | } . | Producing M | lethod: | ping | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bb | ls. | Gas | Mcf | Wate | er | Bbls. | Gas-Oil Ratio | Gravity |
| | | | | | | | | | 1 | |
| DISPOSITION OF GAS: | | | METHOD OF COMPLETION | | TION: | | PRODUCTION IN | TERVAL: | | |
| Vented Solo | d 🗌 l | Jsed on Lease | . (| Open Hole | Perf. | Dually | | Commingled | | |
| (If vented, Su | ıbmit ACC | 0-18.) | | Other (Specify) | | (Submit / | | (Submit ACO-4) | | |

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

| Form | ACO1 - Well Completion |
|-----------|--|
| Operator | SandRidge Exploration and Production LLC |
| Well Name | Connie 3206 2-32H |
| Doc ID | 1102913 |

All Electric Logs Run

| Mud Log | | |
|-----------|--|--|
| Induction | | |
| Porosity | | |
| Boresight | | |

| Form | ACO1 - Well Completion |
|-----------|--|
| Operator | SandRidge Exploration and Production LLC |
| Well Name | Connie 3206 2-32H |
| Doc ID | 1102913 |

Perforations

| Shots Per Foot | Perforation Record | Material Record | Depth |
|----------------|--------------------|--|-------|
| 5 | 7572-7929 | 1853 bbls of water, 179 bbls acid, 187 bbls gelled acid, 2219 TLTR | |
| 5 | 7016-7495 | 1928 bbls of water, 179 bbls acid, 189 bbls gelled acid, 4514 TLTR | |
| 5 | 6477-6909 | 1884 bbls of water, 177 bbls acid, 188 bbls gelled, 6763 TLTR | |
| 5 | 6030-6384 | 1809 bbls of water, 181 bbls acid, 190 bbls gelled acid, 9265 TLTR | |
| 5 | 5580-5955 | 1903 bbls of water, 181 bbls acid, 188 bbls gelled acid, 11596 TLTR | |
| 5 | 5090-5476 | 1921 bbls of water, 176 bbls acid, 171 gelled acid, 13912 TLTR | |

| Form | ACO1 - Well Completion |
|-----------|--|
| Operator | SandRidge Exploration and Production LLC |
| Well Name | Connie 3206 2-32H |
| Doc ID | 1102913 |

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 | 30 | 20 | 75 | 100 | Mid- Continent Conductor grout | 10 | none |
| Surface | 12.25 | 9.63 | 36 | 697 | O-Tex Lite Premium Plus 65/ Premium Plus (Class C) | 380 | (6% gel) 2% Calcium Chloride, 1/4pps Cello- Flake, .5% C-41P |
| Intermedia te | 8.73 | 7 | 26 | 5085 | O-Tex 50/50 Poz Premium/ Premium | 300 | 4% gel, .4% C-12, .1% C-37, .5% C- 41P, 2 lb/sk Phenoseal |
| Liner | 6.12 | 4.5 | 11.6 | 8114 | O-Tex 50/50 Premium Poz | 400 | (4% gel) .4% C12, .1% C37, .5% C- 41P, 2 lb/sk Phenoseal |

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 Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

February 11, 2013

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

Re: ACO1 API 15-077-21890-01-00 Connie 3206 2-32H NE/4 Sec.05-33S-06W Harper 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

Mid-Continent Conductor, ELC

P.O. Box 1570 Woodward, OK 73802

Phone: (580)254-5400 Fax: (580)254-3242

Bill To

SandRidge Energy, Inc. Attn: Purchasing Mgr. 123 Robert S. Kerr Avenue Oklahoma City, OK. 73102

Invoice

| Date | Invoice # |
|-----------|-----------|
| 11/9/2012 | 1550 |

| | Ordered By | Terms | | ate of Service | Lana N | | | |
|--|---|----------|--|--|--|--|-----------------------------------|--|
| | | | | | Lease N | ame/Legal Desc. | Drilling Rig | |
| | Ricky Beene | Net 45 | | 11/9/2012 | Connie 3206 2 | -32H, Harper Cnty., KS | Lariat 39 | |
| | Item | Quantity | | Description | | | | |
| 20" P Mouse 16" Pi Cellar 6' X 6 Mud a Mud, Grout Grout Welde | e Hole ipe Hole 'Tinhorn und Water Water, & Trucking & Trucking Pump r & Materials emoval Plate | | 90 80 1 1 1 1 10 1 1 1 1 | Furnished grout r Furnished welder Labor & Equip. fi Furnished cover r Permits AFE Wel Coc Amo Co. Co. | of 20 inch condu use hole. of 16 inch mouse hole. t 6x6 tinhorn. nd water. d water to locati ds of grout and to pump. and materials. or dirt removal. blates. | thole pipe. on. Tucking to location. 1246 20-00 140^{22} 140^{2} | 0 06 2-32H 10 816,940.00 | |
| | | | | | Sales | Tax (0.0%) | \$0.00 | |
| | | | | | | | | |
| | | | | | | Total | \$16,940.00 | |

| | 1 | | | | | PROJECT NOME | | In | ICKET DATE | AAIAEIAO | |
|---|-----------------|----------------------|---------------------------|------|--------------------------|---------------|------------|-------|------------------------|---------------|---------------------|
| COUNTY State | | OB SUM | IAKI | | | CUSTOMER REP | 2109 | | | 11/15/12 | |
| Harper Kar | Isas | dridge Explora | tion & Pro | dua | c | | avid Mo | nto | ya | | |
| | 6 2-3 | 21 Surface |) | _ | | | Johnny | Bre | eze | | |
| Johnny Breeze | | avid Settlemier | | r | | | | - | | | |
| Nate Cotta | - ¹ | avid Settlenner | | - | | | | + | | | |
| Scott Woods | | | | | | | | | | | |
| Cheryl Newton | | | | - | | | | + | | | |
| Form, Name | Type | | | | | | | | | | I |
| | , type. | | ICa | led | Out | On Locatio | in L | loh s | Started | Lloh Co | ompleted |
| Packer Type | Set A | t O | Date | 11/ | 15/2012 | 11/15/2 | 2012 | 1 | 1/15/2012 | 11 | 15/2012 |
| Bottom Hole Temp. 80 | Press | | | | | | | | | | |
| Retainer Depth | | Depth 1000' | Time | 00 | 000 | 0700 | | | 1557 | 1 1 | 700 |
| Tools and Acc Type and Size | ty | | | | NI | Well D | | | | Υ. | Inday Alland |
| | 0 | Make IR | Casing | | New/Used | Weight 36# | 9 5/8" | 08 | From Surface | To 698 | Max. Allow 1,500 |
| | 0 | IR | Liner | | | 50# | 3 0/0 | - | Surface | 030 | 1,000 |
| | 0 | IR | Liner | | | | | + | | | |
| Top Plug | 1 | IR | Tubing | | | | 0 | + | | | |
| | 1 | IR | Drill Pipe | | | | | | | | 1 |
| | 0 | IR | Open Hole | | | | 12 1/4" | | Surface | 700 | Shots/Ft. |
| Weld-A | 0 | IR | Perforation | | | | | | | | |
| | | IR | Perforation | S | | | | | | | |
| Materiale | | IR | Perforation Hours On I | S | tion | Operating | launa | | Descript | lam of lab | I |
| Mud Type WBM Der | nsity | 9 Lb/Gal | Date | | lours | Date | Hours | | - | ion of Job | |
| Disp. Fluid Fresh Water Der | nsity | 8.33 Lb/Gal | 11/15 | | 10.0 | 11/15 | 4.0 | | Surface | | |
| Spacer type resh Wate BBL. | 10 | 8.33 | | | | | | | | | |
| Spacer type BBL. Acid Type Gal | | | | | | | _ | | | | |
| Acid Type Gal. Acid Type Gal. | - | _% | | - | | | | | - | | |
| Surfactant Gal. | | - ⁷⁰ | | | | | | - | | | |
| NE Agent Gal. | | In | | | | | | - | | | |
| Fluid Loss Gal/Lb | | In | | | | | | - | ÷ | | |
| Gelling Agent Gal/Lb | | _ln | | | | | | - | | | |
| Fric. Red Gal/Lb MISC Gal/Lb | | _in | | | | | | | ÷ | | |
| OdifED | | ln | Total | | 10.0 | Total | 4.0 | | | | |
| Perfpac Balls | Otv | | | | | Dro | ssures | | | | |
| Other | | | MAX | 1.5 | 00 PSI | AVG, | | | | | |
| Other | | | | | | Average F | | | | | |
| Other | | | MAX | 6 | BPM | AVG | 6 | | | | |
| Other | | | - | | | | Left in Pi | | _ | | |
| Ottlei | | | Feet | | 44 | Reason | SHOE JO | DINI | F | | |
| | | | - | | | | | | | | |
| Stage Sacks Cement | | 1 | Ceme Additives | nt D | lata | | | | | Viald | Lba/Oal |
| 1 260 FEX Lite Premium | Plus 6 | 5 (6% Gel) 2% Calciu | um Chloride - | 1/4 | pps Cello-Fl | ake - 5% C. | -41P | | W/Rq. 10.88 | Yield 1.84 | Lbs/Gal 12.70 |
| 2 120 Premium Plus (C | ass C | 2% Calcium Chlori | de - 1/4pps C | ello | -Flake | | | | 6.32 | 1.32 | 14.80 |
| 3 0 0 | | | | | | | | - | 0 0.00 | 0.00 | 0.00 |
| | | | | | | | | | | | |
| | | | | | | • | | | | | |
| Drofluch | _ | | Summa | | | | | | - | | |
| Preflush Breakdown | Type: | 4116.4 | | | flush: | BBI | 10.00 | | Type: | Fresh | |
| | MAXIN Lost R | NUM 1, | | | d & Bkdn: ess /Return | | N/A 40 | | Pad:Bbl - Calc.Dist | | N/A 50 |
| | Actual | | | | c. TOC: | - 100 | SURFA | ĊE | Actual Di | | 50.00 |
| Average | Bump | Plug PSI: | 850 | Fina | al Circ. | PSI: | 310 | | Disp:Bbl | οp | |
| ISIP5 Min | 10 Mir | 15 Min | | | nent Slurry: | | 113.4 | | | | |
| | | | _// | Tota | al Volume | BBP | 173.4 | 0 | | | |
| ····· | | | | | _// | | | | | | |
| a second to approximate the second second | | Into 1 | 1.0 | | 4- | 8 | | | | | |
| CUSTOMER REPRESEN | TAT | VE Melles | Lall. | 1 | K | | | | | | 10 |
| | | | , | | / | SIGNATURE | | | | | |
| | | | _ | 1 | / | | | | | | |
| | | | // | | | | | | | | |
| | | | C | | | | | | | | |

| | JOB SUM | MARY | SOK 2139 | | 11/21/12 |
|--|-------------------------------|-------------------------------------|----------------------------|---------------------|-----------------------------|
| COUNTY State Harper Kai | COMPANY | ration & Production | CUSTOMER REP David Mc | ntova | |
| LEASE NAME | Well No. JOB TYPE | and at an energy of the second | EMPLOYEE NAME | | |
| Connie 3206 2 | 2-32H Intermed | late | Johnny | Breeze | |
| Johnny Breeze | 1 10 | | | | 1 |
| Dustin | | | | | |
| Cheryl Newton Flo Helkena | | | | | |
| Form. Name | Type: | | | | |
| | - | Called Out | On Location | Job Started | Job Completed |
| Packer Type Bottom Hole Temp. 155 | Set At 3,596 Pressure | Date 11/21/2012 | 11/21/2012 | 11/21/2012 | 11/21/2012 |
| Retainer Depth | Total Depth 5010 | Time 0000 | 0900 | 1120 | 0130 |
| Tools and Acc Type and Size | cessories Qty Make | New/Used | Well Data | and Engine I | T- [M |
| | 0 IR | Casing | d Weight Size Gi 26# 7" | ade From Surface | To Max. Allo 5,093 5,000 |
| Insert Float Val | 0 IR | Liner | | | |
| | 0 IR 1 IR | Liner Tubing | 0 | | |
| HEAD | 1 IR | Drill Pipe | | | |
| Limit clamp | 0 IR | Open Hole | 8 3/4 | " Surface | 5,010 Shots/F |
| | 0 IR 0 IR | Perforations Perforations | | | |
| Cement Basket | 0 IR | Perforations | | | |
| Mud TypeWBMDer | nsity 9 Lb/Gal | Hours On Location Date Hours | Operating Hours | | tion of Job |
| Disp Fluid Fresh Water Der | nsity 8.33 Lb/Gal | 11/21 4.0 | Date Hours 11/21 4.0 | s Intermed | diate |
| Spacer type resh Wate BBL. | 20 8.33 | | | | |
| Spacer type Caustic BBL. Acid Type Gal. | % | | | | |
| Acid Type Gal. | % | | | | |
| Surfactant Gal. NE Agent Gal. | | | | | |
| | | | | | |
| Gelling Agent Gal/I h | In | | | | |
| Fric. Red Gal/Lb MISC. Gal/Lb | ln | Total 4.0 | Total 4.0 | | |
| Perfpac Balls | | | | | |
| Other | QIV | MAX 5,000 PSI | Pressures AVG. 30 | 0 | |
| Other | | | Average Rates in | BPM | |
| Other | | MAX 8 BPM | AVG 5 Cement Left in F | | |
| Other | | Feet 86 | Reason SHOE | | |
| | | | | | |
| Stage Sacks Cement | | Cement Data | l | W/Rg. | Yield Lbs/Gal |
| 1 200 50/50 POZ PRE | | 12 - 0.1% C-37 - 0.5% C-41P | - 2 lb/sk Phenoseal | 6.77 | 1.44 13.60 |
| 2 100 Premium | 0.4% C-12 - 0.1% | C-37 | | 5.20 | 1.18 15.60 |
| 3 0 0 | | | | 0 0.00 | 0.00 0.00 |
| | | | | | |
| Draftuck | | Summary | | | |
| Preflush Breakdown | Type: MAXIMUM 5 | Preflush: 5,000 PSI Load & Bkdn: | BBI 30.0 Gal - BBI N/ | | -Gal N/A |
| | Lost Returns-N N | NO/FULL Excess /Retu | rn BBI N/ | A Calc.Dis | p Bbl 192 |
| | Actual TOC | 1,842 Calc. TOC: | 1,84 | | |
| Average | Bump Plug PSI: | 4,100 Final Circ. | PSI: 2.60 | JU LISU RU | |
| Average | Bump Plug PSI: 10 Min15 Mi | n Cement Slurr | | 3 | |
| Average | Bump Plug PSI: | | v: BBI 72. | 3 | |
| Average IsiP5 Min | Bump Plug PSI:15 Mi | n Cement Slurr Total Volume | v: BBI 72. | 3 | |
| Average | Bump Plug PSI:15 Mi | n Cement Slurr Total Volume | v: BBI 72. | 3 | |

•

| | | | | | | | | T | TICKET DATE | | The second s |
|---|--------|----------------------|--|--------|----------------------------|------------------|----------------|------|------------------|-------------|--|
| COUNTY State | C | COMPANY | MAR | Y_ | | CUSTOMER F | K 2169 | | | 11/28/12 | 2 |
| Harper Kansas dridge Exploration & Produc | | | | | | | David Montoya | | | | |
| Connie 3206 | | | | | | | | | | | |
| EMP NAME | 2-32H | Liner | | | | | Rober | Du | 1113 | | |
| Robert Burris | 1 10 | 0.00 | | | | | | | | | · · · · · |
| Wesley Truex | | | | | | | | | | | |
| Frank Reeves | | The Advantage of the | | | | | | | | | |
| Johnny Breeze | | | | | | | | | | | |
| Form. Name | _Type | : | | | | | | | | | |
| Packer Type | 0.17 | At 0 | Date | | led Out 11/28/2012 | On Loca | tion 1/2012 | | Started | | ompleted |
| Bottom Hole Temp. 150 | - Dres | | Date | | 11/28/2012 | 11/20 | 12012 | | 11/28/2012 | 11 | /28/2012 |
| Retainer Depth | Total | Depth 0 | Time | | 16:00 | 19: | 00 | | 12:22 | 0 | 2:30 |
| Tools and Ac | cessor | ries | | | a parte a | Well | Data | | | | |
| | Qty | Make | | | New/Use | | Size G | rade | | To | Max, Allow |
| | 0 | Weatherford | Casing | | New | 11.6 | 4 1/2 | | 4514 | 8,114' | 5,000 |
| Insert Float Val | 0 | | Liner T HWDF | | | | | | 4,494 | 4,514 | |
| Top Plug | 0 | | Drill Pi | | | | 3 1/2" | | 3,145 Surface | 4,494 3,145 | |
| HEAD | 0 | | Drill Co | | | | | | Sunace | 0,140 | |
| Limit clamp | 0 | | Open H | | | | 6 1/8 | - | Surface | 8,114' | Shots/Ft. |
| Weld-A | 0 | | Perfora | | | | | | | | |
| Texas Pattern Guide Shoe | 0 | | Perfora | | | | | | | | |
| Cement Basket Material | - | | Perfora | Cont | ocation | Onoratin | T Llouro | | Descrip | Now of Lab | |
| Mud Type WBM De | nsity | 9.1 Lb/Gal | Date | | Hours | Operatin Date | Hours | s | | tion of Job | |
| Disp. Fluid Fresh Water De | nsity | 8.33 Lb/Gal | 11/2 | 8 | 7.5 | 11/28 | 1.2 | | Liner | | |
| Spacer type Gel BBL. | | 8.59 | | | | | | | | | |
| Spacer type BBL. Acid Type Gal. | | _% | | | | | | | | | |
| Acid Type Gal. | - | _% | | - | | | | - | | | |
| 0 | | in i | | - | | | | - | | | |
| NE Agent Gal. | | ini | | | | | | | | | |
| Fluid Loss Gal/Lt | | in I | | _ | | | _ | | | | |
| Gelling Agent Gal/Lt Fric. Red Gal/Lt | ? | in | | | | | | _ | | | |
| MISC. Gal/Lt | | | Total | -+ | 7.5 | Total | 1.2 | - | | | |
| | | | rotai | L | | Total | | | | | |
| Perípac Balls | Qty. | | | | | F | ressures | | | | |
| Other | | | MAX | | 5000 PSI | | 7: | | | | |
| Other | | | MAX | | 6 BPM | | e Rates in | | N | | |
| Other | | | MAA | | 0 01 101 | | nt Left in I | | | | |
| Other | | | Feet | | 86 | | SHOE | | IT | | |
| | | | Lorenza de la composición de | | | | | | | | |
| | | | | | nt Data | | | | | | |
| Stage Sacks Cement | | 14010-11 101 011 | Additive | S | | 11/01 | | | W/Rq | | Lbs/Gal |
| 1 400 50/50 Premium 2 0 0 | Poz | (4%Gel)4% C12 | 21% C3 | 1 - 0. | 5% C-41P - 2 | Lb/Sk Phen | oseal | | 6.77 | 1.44 | 13.60 |
| | | | | | | | | | 0 0.00 | | 0.00 |
| | - | | No Procession, Physical | | | | | | 0.00 | 0.00 | 0.00 |
| | | | | | | | | | _ | | |
| | _ | | Sun | nmai | V | | | | | | |
| Preflush | Type: | | | | Preflush: | BBI | 30. | | Type: | | PACER |
| Breakdown | | | 5000 PSI NO/FULL | | Load & Bkdn | | N/ | | Pad:Bbl | | N/A |
| | | Returns-NN | 4,534 | | Excess /Retu Calc. TOC: | IU RRI | N/ 4,5 | | Calc.Dis | | 97 94.50 |
| Verage | Bump | Plug PSI: | 2,100 | | Final Circ. | PSI: | | 7 | Disp:Bb | | 34.00 |
| sip5 Min | 10 Mi | | n | | Cement Slur | rv: BBI | 10: | | | | |
| | | | | | Total Volume | BBI | 227 | ,50 | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| CUSTOMER REPRESE | NTAT | IVE | | | | DIOMATING. | | | | | |
| | | | | | | SIGNATUR | t: | | | | |

.



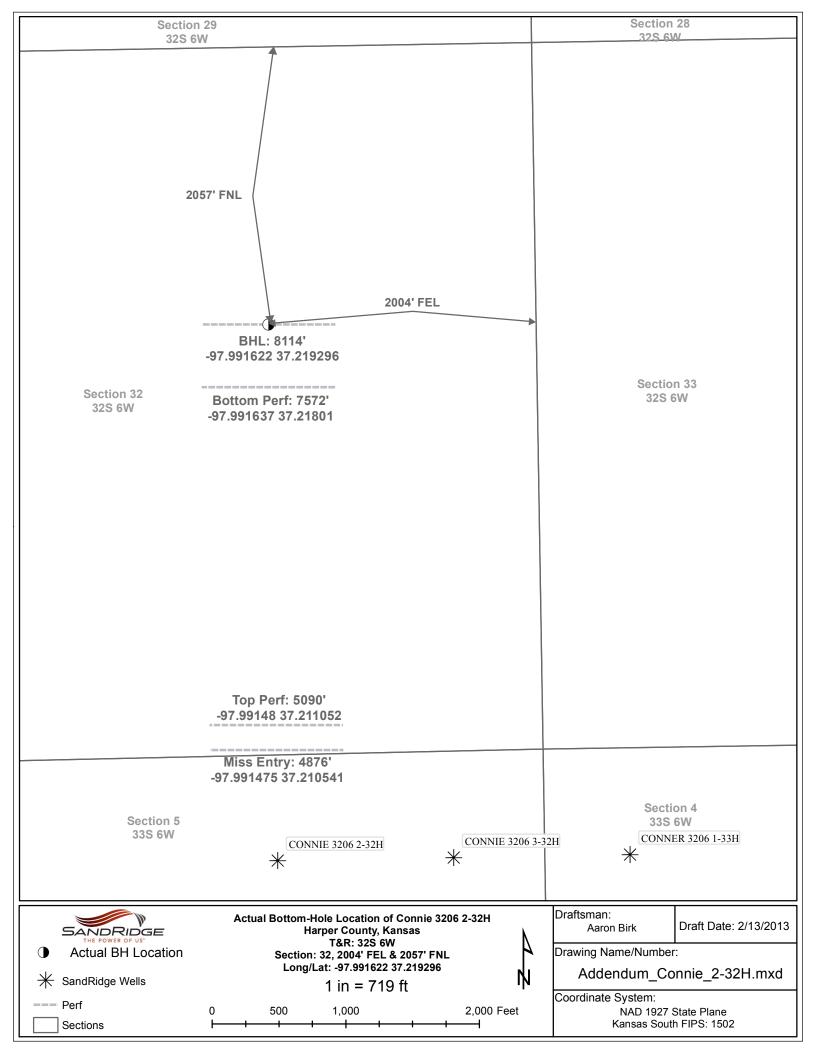
| Well | Connie 32 | 06 2-32 | - | | , | MWD | Operators | Matt Star | naland | |
|------|-----------|----------|------------|---------|--------|---------------|--------------|-----------|--------|----------------|
| | SandRidg | | | | DIRE | | | | | andon Crossley |
| - | Lariat 39 | | | | | Magnetic L | Declination: | | | |
| | Harper | 0 | | • | | | | DR121117 | 1 | |
| | Minimum (| Curvatur | e Calculat | lon | Vei | rtical Sectio | on Azimuth | | | |
| NT | Survey | DIC | | | | | Vertical | DLS/ | | |
| No. | Depth | INC | | TVD | N-S | E-W | Section | 100 | BUR | WR |
| Tie | 0 | 0.00 | 0.00 | 000 00 | | | | | | |
| 1 | 933 | 0.70 | 323.30 | 932.98 | 4.57 | -3.41 | 4.62 | 0.08 | 0.08 | 3.93 |
| 2 | 1393 | 0.80 | 346.10 | 1392.94 | 9.94 | -5.86 | 10.03 | 0.07 | 0.02 | 4.96 |
| 3 | 1869 | 0.10 | 269.70 | 1868.92 | 13.16 | -7.07 | 13.27 | 0.16 | -0.15 | -16.05 |
| 4 | 2344 | 0.70 | 340.70 | 2343.91 | 15.90 | -8.44 | 16.03 | 0.14 | 0.13 | 14.95 |
| 5 | 2818 | 0.20 | 303.00 | 2817.89 | 19.08 | -10.09 | 19.23 | 0.12 | -0.11 | -7.95 |
| 6 | 3293 | 0.50 | 71.20 | 3292.89 | 20.20 | -8.83 | 20.33 | 0.14 | 0.06 | -26.99 |
| 7 | 3546 | 0.60 | 95.70 | 3545.88 | 20.43 | -6.46 | 20.52 | 0.10 | 0.04 | 9.68 |
| 8 | 3576 | 0.30 | 22.90 | 3575.88 | 20.48 | -6.28 | 20.58 | 1.95 | -1.00 | -242.67 |
| 9 | 3608 | 1.90 | 9.80 | 3607.87 | 21.08 | -6.16 | 21.17 | 5.03 | 5.00 | -40.94 |
| 10 | 3639 | 5.20 | 4.20 | 3638.81 | 22.99 | -5.96 | 23.08 | 10.69 | 10.65 | -18.06 |
| 11 | 3671 | 8.10 | 2.30 | 3670.59 | 26.69 | -5.77 | 26.78 | 9.09 | 9.06 | -5.94 |
| 12 | 3703 | 10.70 | 1.30 | 3702.15 | 31.91 | -5.61 | 32.00 | 8.14 | 8.13 | -3.13 |
| 13 | 3734 | 13.50 | 1.10 | 3732.46 | 38.41 | -5.48 | 38.49 | 9.03 | 9.03 | -0.65 |
| 14 | 3766 | 15.60 | 2.90 | 3763.44 | 46.44 | -5.19 | 46.52 | 6.71 | 6.56 | 5.63 |
| 15 | 3798 | 17.30 | 1.50 | 3794.12 | 55.50 | -4.84 | 55.56 | 5.45 | 5.31 | -4.38 |
| 16 | 3829 | 19.10 | 0.60 | 3823.57 | 65.18 | -4.67 | 65.24 | 5.88 | 5.81 | -2.90 |
| 17 | 3861 | 21.30 | 359.20 | 3853.60 | 76.23 | -4.70 | 76.29 | 7.04 | 6.88 | 4.38 |
| 18 | 3893 | 23.90 | 358.20 | 3883.14 | 88.52 | -4.98 | 88.58 | 8.21 | 8.12 | -3.13 |
| 19 | 3924 | 26.10 | 357.00 | 3911.24 | 101.61 | -5.54 | 101.68 | 7.28 | 7.10 | -3.87 |
| 20 | 3956 | 28.70 | 356.20 | 3939.64 | 116.30 | -6.41 | 116.39 | 8.21 | 8.12 | -2.50 |
| 21 | 3988 | 31.00 | 356.40 | 3967.40 | 132.20 | -7.44 | 132.30 | 7.19 | 7.19 | 0.62 |
| 22 | 4019 | 32.80 | 358.20 | 3993.72 | 148.56 | -8.20 | 148.67 | 6.57 | 5.81 | 5.81 |
| 23 | 4051 | 34.20 | 359.90 | 4020.40 | 166.22 | -8.49 | 166.33 | 5.27 | 4.38 | 5.31 |
| 24 | 4083 | 35.10 | 358.90 | 4046.72 | 184.41 | -8.69 | 184.52 | 3.33 | 2.81 | -3.13 |
| 25 | 4114 | 37.40 | 358.50 | 4071.72 | 202.73 | -9.10 | 202.85 | 7.46 | 7.42 | -1.29 |
| 26 | 4146 | 39.50 | 358.90 | 4096.78 | 222.63 | -9.55 | 222.75 | 6.61 | 6.56 | 1.25 |
| 27 | 4177 | 41.30 | 0.90 | 4120.39 | 242.71 | -9.58 | 242.83 | 7.15 | 5.81 | -6.45 |
| 28 | 4209 | 43.40 | 1.50 | 4144.04 | 264.27 | -9.13 | 264.37 | 6.68 | 6.56 | 1.88 |
| 29 | 4241 | 46.00 | 1.90 | 4166.78 | 286.76 | -8.46 | 286.86 | 8.17 | 8.13 | 1.25 |
| 30 | 4272 | 48.90 | 1.30 | 4187.74 | 309.59 | -7.82 | 309.67 | 9.46 | 9.35 | -1.94 |
| 31 | 4304 | 52.00 | 1.50 | 4208.12 | 334.25 | -7.22 | 334.32 | 9.70 | 9.69 | 0.63 |
| 32 | 4367 | 52.20 | 0.50 | 4246.82 | 383.96 | -6.35 | 384.01 | 1.29 | 0.32 | -1.59 |
| 33 | 4431 | 51.50 | 359.20 | 4286.35 | 434.28 | -6.48 | 434.33 | 1.94 | -1.09 | 2.03 |
| 34 | 4462 | 51.20 | 358.80 | 4305.71 | 458.49 | -6.90 | 458.54 | 1.40 | -0.97 | -1.29 |
| 35 | 4494 | 51.60 | 358.80 | 4325.68 | 483.49 | -7.43 | 483.55 | 1.25 | 1.25 | 0.00 |
| 36 | 4526 | 53.90 | 358.00 | 4345.05 | 508.95 | -8.14 | 509.02 | 7.46 | 7.19 | -2.50 |
| 37 | 4557 | 56.70 | 358.90 | 4362.69 | 534.43 | -8.83 | 534.50 | 9.34 | 9.03 | 2.90 |
| 38 | 4589 | 59.90 | 359.70 | 4379.50 | 561.65 | -9.16 | 561.72 | 10.22 | 10.00 | 2.50 |



| Well | Connie 32 | 06 2-32 | - | TECHN | ologi, | | O Operators | Matt Star | haland | |
|------|-----------|----------|------------|---------|---------|----------------|------------------------------|-----------|--------|---------------|
| | SandRidge | | | | DIRE | | and the start strategies are | | | ndon Crossley |
| | Lariat 39 | | | | | | Declination: | | | , |
| | Harper | | | | | | Job #: 1 | DR1211171 | l | |
| | Minimum (| Curvatur | e Calculat | ion | Ve | rtical Section | on Azimuth | 359.13 | | |
| | Survey | | | | | | Vertical | DLS/ | | |
| No. | Depth | INC | AZM | TVD | N-S | E-W | Section | 100 | BUR | WR |
| 39 | 4620 | 62.60 | 1.40 | 4394.41 | 588.82 | -8.89 | 588.89 | 9.95 | 8.71 | -5.48 |
| 40 | 4652 | 64.80 | 1.90 | 4408.59 | 617.49 | -8.06 | 617.54 | 7.02 | 6.87 | 1.56 |
| 41 | 4684 | 67.70 | 1.80 | 4421.48 | 646.76 | -7.12 | 646.80 | 9.07 | 9.06 | -0.31 |
| 42 | 4715 | 70.10 | 1.00 | 4432.64 | 675.68 | -6.41 | 675.70 | 8.11 | 7.74 | -2.58 |
| 43 | 4747 | 73.00 | 0.40 | 4442.76 | 706.03 | -6.04 | 706.04 | 9.24 | 9.06 | -1.88 |
| 44 | 4778 | 75.60 | 359.90 | 4451.15 | 735.87 | -5.97 | 735.87 | 8.53 | 8.39 | 1.61 |
| 45 | 4810 | 77.20 | 359.40 | 4458.68 | 766.97 | -6.16 | 766.97 | 5.23 | 5.00 | -1.56 |
| 46 | 4842 | 77.90 | 358.90 | 4465.57 | 798.21 | -6.62 | 798.22 | 2.67 | 2.19 | -1.56 |
| 47 | 4873 | 80.00 | 358.70 | 4471.52 | 828.63 | -7.26 | 828.64 | 6.80 | 6.77 | -0.65 |
| 48 | 4905 | 82.60 | 358.90 | 4476.36 | 860.25 | -7.92 | 860.27 | 8.15 | 8.12 | 0.62 |
| 49 | 4937 | 83.60 | 359.20 | 4480.20 | 892.01 | -8.45 | 892.04 | 3.26 | 3.13 | 0.94 |
| 50 | 4968 | 85.60 | 359.40 | 4483.12 | 922.87 | -8.82 | 922.90 | 6.48 | 6.45 | 0.65 |
| 51 | 5000 | 87.50 | 359.50 | 4485.04 | 954.81 | -9.13 | 954.84 | 5.95 | 5.94 | 0.31 |
| 52 | 5032 | 88.10 | 359.30 | 4486.27 | 986.79 | -9.47 | 986.82 | 1.98 | 1.87 | -0.62 |
| 53 | 5060 | 89.70 | 358.90 | 4486.81 | 1014.78 | -9.90 | 1014.81 | 5.89 | 5.71 | -1.43 |
| 54 | 5139 | 90.40 | 358.90 | 4486.74 | 1093.76 | -11.42 | 1093.81 | 0.89 | 0.89 | 0.00 |
| 55 | 5171 | 90.10 | 359.20 | 4486.60 | 1125.76 | -11.95 | 1125.81 | 1.33 | -0.94 | 0.94 |
| 56 | 5266 | 90.10 | 359.10 | 4486.43 | 1220.75 | -13.36 | 1220.81 | 0.11 | 0.00 | -0.11 |
| 57 | 5361 | 89.80 | 358.50 | 4486.52 | 1315.72 | -15.35 | 1315.81 | 0.71 | -0.32 | -0.63 |
| 58 | 5456 | 89.10 | 358.00 | 4487.43 | 1410.67 | -18.25 | 1410.79 | 0.91 | -0.74 | -0.53 |
| 59 | 5548 | 88.90 | 358.30 | 4489.04 | 1502.61 | -21.22 | 1502.76 | 0.39 | -0.22 | 0.33 |
| 60 | 5640 | 89.40 | 359.10 | 4490.40 | 1594.58 | -23.31 | 1594.75 | 1.03 | 0.54 | 0.87 |
| 61 | 5732 | 89.30 | 358.20 | 4491.44 | 1686.54 | -25.48 | 1686.74 | 0.98 | -0.11 | -0.98 |
| 62 | 5824 | 90.10 | 359.70 | 4491.93 | 1778.52 | -27.16 | 1778.73 | 1.85 | 0.87 | 1.63 |
| 63 | 5916 | 89.30 | 359.40 | 4492.41 | 1870.52 | -27.88 | 1870.73 | 0.93 | -0.87 | -0.33 |
| 64 | 6008 | 91.00 | 359.80 | 4492.17 | 1962.51 | -28.53 | 1962.72 | 1.90 | 1.85 | 0.43 |
| 65 | 6100 | 93.10 | 359.80 | 4488.88 | 2054.45 | -28.85 | 2054.65 | 2.28 | 2.28 | 0.00 |
| 66 | 6192 | 93.40 | 0.40 | 4483.66 | 2146.30 | -28.69 | 2146.49 | 0.73 | 0.33 | -0.65 |
| 67 | 6284 | 91.60 | 359.60 | 4479.65 | 2238.21 | -28.69 | 2238.39 | 2.14 | -1.96 | 0.87 |
| 68 | 6376 | 90.10 | 358.60 | 4478.28 | 2330.18 | -30.13 | 2330.37 | 1.96 | -1.63 | -1.09 |
| 69 | 6468 | 90.00 | 359.10 | 4478.20 | 2422.16 | -31.98 | 2422.37 | 0.55 | -0.11 | 0.54 |
| 70 | 6560 | 90.00 | 358.00 | 4478.20 | 2514.13 | -34.31 | 2514.36 | 1.20 | 0.00 | -1.20 |
| 71 | 6652 | 89.70 | 357.40 | 4478.44 | 2606.06 | -38.00 | 2606.33 | 0.73 | -0.33 | -0.65 |
| 72 | 6744 | 88.30 | 356.30 | 4480.05 | 2697.90 | -43.05 | 2698.24 | 1.94 | -1.52 | -1.20 |
| 73 | 6836 | 89.70 | 356.80 | 4481.65 | 2789.72 | -48.59 | 2790.13 | 1.62 | 1.52 | 0.54 |
| 74 | 6931 | 88.80 | 356.50 | 4482.90 | 2884.55 | -54.14 | 2885.04 | 1.00 | -0.95 | -0.32 |
| 75 | 7026 | 89.80 | 358.70 | 4484.06 | 2979.45 | -58.12 | 2979.99 | 2.54 | 1.05 | 2.32 |
| 76 | 7121 | 90.10 | 358.20 | 4484.14 | 3074.41 | -60.69 | 3074.98 | 0.61 | 0.32 | -0.53 |
| 77 | 7216 | 90.60 | 357.70 | 4483.56 | 3169.35 | -64.08 | 3169.96 | 0.74 | 0.53 | -0.53 |



| | | and the second second | | | | | | | | | |
|--------|-----------|-----------------------|-------------|---------|---------|---------------|--------------|-----------|------------|-----------|------|
| Well | Connie 32 | 206 2-32 | | | | MWE | Operators | Matt Star | naland | | |
| mpany | SandRidg | е | | | DIRE | CTIONAL L | DRILLERS: | Doug Bei | nnet / Bra | ndon Cros | sley |
| Rig | Lariat 39 | | | | | | Declination: | | | | , |
| County | Harper | | | | | 0 | | DR1211171 | | | |
| | Minimum | Curvature | e Calculati | on | Ve | rtical Sectio | on Azimuth | | | | |
| | Survey | | | | | | Vertical | DLS/ | | | |
| No. | Depth | INC | AZM | TVD | N-S | E-W | Section | 100 | BUR | WR | |
| 78 | 7311 | 92.40 | 359.10 | 4481.07 | 3264.28 | -66.74 | 3264.91 | 2.40 | 1.89 | 1.47 | |
| 79 | 7406 | 92.60 | 358.60 | 4476.93 | 3359.17 | -68.64 | 3359.82 | 0.57 | 0.21 | -0.53 | |
| 80 | 7501 | 93.20 | 0.30 | 4472.12 | 3454.04 | -69.55 | 3454.69 | 1.90 | 0.63 | -1.79 | |
| 81 | 7595 | 90.90 | 0.00 | 4468.76 | 3547.97 | -69.31 | 3548.61 | 2.47 | -2.45 | -0.32 | |
| 82 | 7690 | 90.40 | 359.60 | 4467.68 | 3642.96 | -69.64 | 3643.60 | 0.67 | -0.53 | 0.42 | |
| 83 | 7785 | 89.50 | 0.20 | 4467.77 | 3737.96 | -69.80 | 3738.59 | 1.14 | -0.95 | -0.63 | |
| 84 | 7848 | 87.90 | 0.10 | 4469.20 | 3800.94 | -69.64 | 3801.56 | 2.54 | -2.54 | -0.16 | |
| 85 | 7880 | 85.70 | 1.10 | 4470.98 | 3832.89 | -69.30 | 3833.50 | 7.55 | -6.88 | 3.13 | |
| 86 | 7906 | 85.40 | 0.80 | 4473.00 | 3858.81 | -68.88 | 3859.41 | 1.63 | -1.15 | -1.15 | |
| 87 | 7938 | 84.70 | 0.70 | 4475.76 | 3890.68 | -68.46 | 3891.27 | 2.21 | -2.19 | -0.31 | |
| 88 | 7969 | 84.50 | 0.50 | 4478.68 | 3921.54 | -68.13 | 3922.13 | 0.91 | -0.65 | -0.65 | |
| 89 | 8001 | 84.30 | 0.40 | 4481.80 | 3953.39 | -67.88 | 3953.96 | 0.70 | -0.63 | -0.31 | |
| 90 | 8033 | 84.50 | 0.20 | 4484.92 | 3985.24 | -67.72 | 3985.81 | 0.88 | 0.63 | -0.63 | |
| 91 | 8064 | 85.50 | 0.70 | 4487.62 | 4016.12 | -67.48 | 4016.68 | 3.60 | 3.23 | 1.61 | |



| Remarks | |
|--|---|
| | |
| Tiffany Golay 02/18/013 08:31 am | Additional Fluid Mgmt Info: 10.300 bbls soil farmed by Mudslingers LLC, NE/4 4-28N-6W, Grant County, OK, 12-21876 |
| Tiffany Golay 02/11/013 11:33 am | TVD= 4,486' |
| Tiffany Golay 02/11/013 11:32 am | Conductor weight= 106.5 lbs/ ft |