



CONFIDENTIAL

OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

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

OPERATOR: License # 34192 Name: SandRidge Exploration and Production LLC Address 1: 123 ROBERT S. KERR AVE Address 2: City: OKLAHOMA CITY State: OK Zip: 73102 + 6406 Contact Person: John-Mark Beaver Phone: (405) 429-5776 CONTRACTOR: License # 34464 Name: Lariat Services, Inc. Wellsite Geologist: Kathy Gentry Purchaser: NCRA

Designate Type of Completion: [X] New Well [] Re-Entry [] Workover [X] Oil [] WSW [] SWD [] SLOW [] 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 [] Conv. to GSW [] Plug Back: Plug Back Total Depth [] Commingled Permit #: [] Dual Completion Permit #: [] SWD Permit #: [] ENHR Permit #: [] GSW Permit #: 11/01/2011 11/15/2011 1/8/2012 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-033-21605-01-00 Spot Description: N2_N2_NW_NW Sec. 30 Twp. 31 S. R. 19 [] East [X] West 200 Feet from [X] North / [] South Line of Section 660 Feet from [] East / [X] West Line of Section Footages Calculated from Nearest Outside Section Corner: [] NE [X] NW [] SE [] SW County: Comanche Lease Name: Ellis Well #: 1-19H Field Name: Producing Formation: Mississippi Elevation: Ground: 2055 Kelly Bushing: 2030 Total Depth: 9574 Plug Back Total Depth: Amount of Surface Pipe Set and Cemented at: 1000 Feet Multiple Stage Cementing Collar Used? [] Yes [X] No If yes, show depth set: Feet If Alternate II completion, cement circulated from: feet depth to: w/ sx cm.

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: 10300 ppm Fluid volume: 8180 bbls Dewatering method used: Hauled to Disposal Location of fluid disposal if hauled offsite: Operator Name: Native American water service's LLC Lease Name: German #2 SWD License #: 34025 Quarter NE Sec. 28 Twp. 29 S. R. 22 [] East [X] West County: Harper, OK Permit #: 222660- OCC

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

[X] Letter of Confidentiality Received Date: 02/13/2012 [] Confidential Release Date: [X] Wireline Log Received [] Geologist Report Received [] UIC Distribution ALT [X] I [] II [] III Approved by: NAOMI JAMES Date: 02/14/2012

Sandridge Energy

**Comanche (KS27S)
Sec 30-T31H-R19W - GRID
Ellis 1-19H**

Wellbore #1

Survey: MWD Surveys

Standard Survey Report

16 November, 2011

Wolverine Directional, LLC

Survey Report

| | | |
|-------------------------------|--|--|
| Company: Sandridge Energy | Local Co-ordinate Reference: Well Ellis 1-19H | |
| Project: Comanche (KS27S) | TVD Reference: WELL @ 0.0ft (Original Well Elev) | |
| Site: Sec 30-T31H-R19W - GRID | MD Reference: WELL @ 0.0ft (Original Well Elev) | |
| Well: Ellis 1-19H | North Reference: Grid | |
| Wellbore: Wellbore #1 | Survey Calculation Method: Minimum Curvature | |
| Design: Wellbore #1 | Database: EDM 2003.21 Single User Db | |

| | | | | |
|--------------------|--------------------------|-------------------|--------------|------------------|
| Design Wellbore #1 | | | | |
| Audit Notes: | | | | |
| Version: 1.0 | Phase: ACTUAL | Tie On Depth: 0.0 | | |
| Vertical Section: | Depth From (TVD) (ft) | +N-S (ft) | +E-W (ft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 1.16 |

| | | | | |
|----------------|---------|---------------------------|-----------|----------------|
| Survey Program | | Date 2011/11/16 | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
| 980.0 | 9,574.0 | MWD Surveys (Wellbore #1) | MWD | MWD - Standard |

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N-S (ft) | +E-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|-------------------------|-----------------|-------------|---------------------|-----------|-----------|-----------------------|-----------------------|----------------------|---------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 980.0 | 1.20 | 226.80 | 979.9 | -7.0 | -7.5 | -7.2 | 0.12 | 0.12 | 0.00 |
| First MWD Survey | | | | | | | | | |
| 1,137.0 | 1.10 | 215.80 | 1,136.9 | -9.4 | -9.6 | -9.6 | 0.15 | -0.06 | -7.01 |
| 1,327.0 | 1.30 | 236.00 | 1,326.9 | -12.1 | -12.4 | -12.3 | 0.24 | 0.11 | 10.63 |
| 1,613.0 | 0.50 | 2.20 | 1,612.8 | -12.6 | -15.1 | -12.9 | 0.58 | -0.28 | 44.13 |
| 1,993.0 | 0.70 | 49.10 | 1,992.8 | -9.4 | -13.2 | -9.7 | 0.13 | 0.05 | 12.34 |
| 2,469.0 | 0.00 | 180.70 | 2,468.8 | -7.5 | -11.0 | -7.8 | 0.15 | -0.15 | 0.00 |
| 2,945.0 | 0.60 | 130.10 | 2,944.8 | -9.1 | -9.1 | -9.3 | 0.13 | 0.13 | 0.00 |
| 3,422.0 | 0.10 | 335.90 | 3,421.8 | -10.4 | -7.4 | -10.5 | 0.14 | -0.10 | -32.33 |
| 3,898.0 | 0.70 | 96.50 | 3,897.8 | -10.3 | -4.7 | -10.4 | 0.16 | 0.13 | 25.34 |
| 4,025.0 | 0.40 | 83.90 | 4,024.8 | -10.4 | -3.5 | -10.4 | 0.25 | -0.24 | -9.92 |
| 4,056.0 | 0.80 | 88.60 | 4,055.8 | -10.4 | -3.1 | -10.4 | 1.30 | 1.29 | 15.16 |
| 4,088.0 | 0.60 | 116.50 | 4,087.8 | -10.4 | -2.8 | -10.5 | 1.22 | -0.63 | 87.19 |
| 4,120.0 | 0.40 | 106.80 | 4,119.8 | -10.5 | -2.5 | -10.6 | 0.68 | -0.63 | -30.31 |
| 4,152.0 | 0.60 | 109.80 | 4,151.8 | -10.6 | -2.2 | -10.7 | 0.63 | 0.63 | 9.38 |
| 4,183.0 | 0.30 | 124.30 | 4,182.8 | -10.7 | -2.0 | -10.8 | 1.03 | -0.97 | 46.77 |
| 4,215.0 | 0.40 | 102.60 | 4,214.8 | -10.8 | -1.8 | -10.8 | 0.51 | 0.31 | -67.81 |
| 4,247.0 | 1.50 | 18.30 | 4,246.8 | -10.4 | -1.6 | -10.4 | 4.73 | 3.44 | -263.44 |
| 4,278.0 | 4.80 | 17.80 | 4,277.7 | -8.8 | -1.1 | -8.8 | 10.65 | 10.65 | -1.61 |
| 4,310.0 | 8.00 | 12.90 | 4,309.5 | -5.3 | -0.2 | -5.4 | 10.14 | 10.00 | -15.31 |
| 4,342.0 | 10.60 | 8.30 | 4,341.1 | -0.3 | 0.7 | -0.3 | 8.44 | 8.13 | -14.38 |
| 4,374.0 | 12.50 | 7.40 | 4,372.4 | 6.1 | 1.6 | 6.1 | 5.96 | 5.94 | -2.81 |
| 4,405.0 | 14.90 | 7.80 | 4,402.5 | 13.4 | 2.6 | 13.4 | 7.75 | 7.74 | 1.29 |
| 4,437.0 | 17.40 | 7.70 | 4,433.3 | 22.2 | 3.8 | 22.2 | 7.81 | 7.81 | -0.31 |
| 4,469.0 | 19.90 | 7.70 | 4,463.6 | 32.3 | 5.2 | 32.4 | 7.81 | 7.81 | 0.00 |
| 4,501.0 | 22.20 | 7.50 | 4,493.5 | 43.7 | 6.7 | 43.8 | 7.19 | 7.19 | -0.63 |
| 4,533.0 | 24.20 | 6.30 | 4,522.9 | 56.2 | 8.2 | 56.4 | 6.42 | 6.25 | -3.75 |
| 4,564.0 | 25.90 | 4.40 | 4,551.0 | 69.3 | 9.4 | 69.5 | 6.07 | 5.48 | -6.13 |
| 4,596.0 | 27.20 | 3.80 | 4,579.6 | 83.6 | 10.4 | 83.8 | 4.15 | 4.06 | -1.88 |
| 4,628.0 | 28.00 | 3.40 | 4,607.9 | 98.4 | 11.4 | 98.6 | 2.57 | 2.50 | -1.25 |
| 4,659.0 | 30.10 | 2.60 | 4,635.0 | 113.4 | 12.1 | 113.6 | 6.89 | 6.77 | -2.58 |
| 4,691.0 | 32.50 | 2.40 | 4,662.4 | 130.0 | 12.9 | 130.2 | 7.51 | 7.50 | -0.63 |
| 4,723.0 | 34.40 | 0.60 | 4,689.1 | 147.6 | 13.3 | 147.9 | 6.70 | 5.94 | -5.63 |
| 4,755.0 | 36.10 | 358.20 | 4,715.2 | 166.1 | 13.1 | 166.3 | 6.85 | 5.31 | -7.50 |
| 4,786.0 | 37.80 | 357.80 | 4,740.0 | 184.7 | 12.5 | 184.9 | 5.54 | 5.48 | -1.29 |
| 4,818.0 | 39.90 | 358.60 | 4,764.9 | 204.8 | 11.8 | 205.0 | 6.75 | 6.56 | 2.50 |
| 4,850.0 | 42.20 | 357.90 | 4,789.0 | 225.8 | 11.2 | 226.0 | 7.33 | 7.19 | -2.19 |
| 4,882.0 | 43.80 | 357.80 | 4,812.4 | 247.6 | 10.4 | 247.7 | 5.00 | 5.00 | -0.31 |

Wolverine Directional, LLC

Survey Report

| | |
|-------------------------------|--|
| Company: Sandridge Energy | Local Co-ordinate Reference: Well Ellis 1-19H |
| Project: Comanche (KS27S) | TVD Reference: WELL @ 0.0ft (Original Well Elev) |
| Site: Sec 30-T31H-R19W - GRID | MD Reference: WELL @ 0.0ft (Original Well Elev) |
| Well: Ellis 1-19H | North Reference: Grid |
| Wellbore: Wellbore #1 | Survey Calculation Method: Minimum Curvature |
| Design: Wellbore #1 | Database: EDM 2003.21 Single User Db |

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 4,913.0 | 45.80 | 358.00 | 4,834.4 | 269.4 | 9.6 | 269.5 | 6.47 | 6.45 | 0.65 |
| 4,945.0 | 48.40 | 358.00 | 4,856.2 | 292.8 | 8.8 | 293.0 | 8.13 | 8.13 | 0.00 |
| 4,977.0 | 49.90 | 358.10 | 4,877.1 | 317.0 | 7.9 | 317.1 | 4.69 | 4.69 | 0.31 |
| 5,009.0 | 49.80 | 358.00 | 4,897.8 | 341.5 | 7.1 | 341.5 | 0.39 | -0.31 | -0.31 |
| 5,040.0 | 49.80 | 357.90 | 4,917.8 | 365.1 | 6.3 | 365.2 | 0.25 | 0.00 | -0.32 |
| 5,072.0 | 49.70 | 357.40 | 4,938.5 | 389.5 | 5.3 | 389.6 | 1.23 | -0.31 | -1.56 |
| 5,104.0 | 49.50 | 357.40 | 4,959.2 | 413.9 | 4.1 | 413.9 | 0.63 | -0.63 | 0.00 |
| 5,135.0 | 49.40 | 356.80 | 4,979.4 | 437.4 | 3.0 | 437.4 | 1.51 | -0.32 | -1.94 |
| 5,167.0 | 50.20 | 357.10 | 5,000.0 | 461.8 | 1.7 | 461.8 | 2.60 | 2.50 | 0.94 |
| 5,199.0 | 53.60 | 357.60 | 5,019.8 | 487.0 | 0.5 | 486.9 | 10.70 | 10.63 | 1.56 |
| 5,231.0 | 56.60 | 359.30 | 5,038.1 | 513.2 | -0.2 | 513.1 | 10.34 | 9.38 | 5.31 |
| 5,262.0 | 59.00 | 1.20 | 5,054.6 | 539.4 | -0.1 | 539.3 | 9.32 | 7.74 | 6.13 |
| 5,294.0 | 61.50 | 1.50 | 5,070.5 | 567.2 | 0.6 | 567.1 | 7.85 | 7.81 | 0.94 |
| 5,326.0 | 65.60 | 0.60 | 5,084.7 | 595.8 | 1.1 | 595.7 | 13.06 | 12.81 | -2.81 |
| 5,358.0 | 70.20 | 359.30 | 5,096.7 | 625.5 | 1.1 | 625.4 | 14.86 | 14.38 | -4.06 |
| 5,389.0 | 73.40 | 359.10 | 5,106.4 | 654.9 | 0.6 | 654.8 | 10.34 | 10.32 | -0.65 |
| 5,421.0 | 76.00 | 358.90 | 5,114.9 | 685.8 | 0.1 | 685.6 | 8.15 | 8.13 | -0.63 |
| 5,453.0 | 78.30 | 359.50 | 5,122.0 | 717.0 | -0.3 | 716.8 | 7.42 | 7.19 | 1.88 |
| 5,485.0 | 80.50 | 359.60 | 5,127.9 | 748.4 | -0.6 | 748.3 | 6.88 | 6.88 | 0.31 |
| 5,516.0 | 82.40 | 1.00 | 5,132.5 | 779.1 | -0.4 | 778.9 | 7.58 | 6.13 | 4.52 |
| 5,543.0 | 84.80 | 1.30 | 5,135.5 | 805.9 | 0.1 | 805.7 | 8.96 | 8.89 | 1.11 |
| 5,608.0 | 87.30 | 2.50 | 5,140.0 | 870.7 | 2.3 | 870.6 | 4.26 | 3.85 | 1.85 |
| 5,640.0 | 87.20 | 2.30 | 5,141.5 | 902.6 | 3.6 | 902.5 | 0.70 | -0.31 | -0.63 |
| 5,672.0 | 88.80 | 1.90 | 5,142.6 | 934.6 | 4.8 | 934.5 | 5.15 | 5.00 | -1.25 |
| 5,704.0 | 91.50 | 2.00 | 5,142.5 | 966.6 | 5.9 | 966.5 | 8.44 | 8.44 | 0.31 |
| 5,736.0 | 91.80 | 1.80 | 5,141.6 | 998.5 | 6.9 | 998.5 | 1.13 | 0.94 | -0.63 |
| 5,832.0 | 92.30 | 2.50 | 5,138.2 | 1,094.4 | 10.5 | 1,094.4 | 0.90 | 0.52 | 0.73 |
| 5,927.0 | 89.80 | 0.60 | 5,136.4 | 1,189.3 | 13.1 | 1,189.4 | 3.31 | -2.63 | -2.00 |
| 6,023.0 | 89.30 | 0.30 | 5,137.2 | 1,285.3 | 13.9 | 1,285.4 | 0.61 | -0.52 | -0.31 |
| 6,119.0 | 90.80 | 0.30 | 5,137.1 | 1,381.3 | 14.4 | 1,381.3 | 1.56 | 1.56 | 0.00 |
| 6,214.0 | 90.50 | 359.70 | 5,136.0 | 1,476.3 | 14.4 | 1,476.3 | 0.71 | -0.32 | -0.63 |
| 6,310.0 | 92.80 | 0.50 | 5,133.3 | 1,572.3 | 14.5 | 1,572.3 | 2.54 | 2.40 | 0.83 |
| 6,405.0 | 92.00 | 0.80 | 5,129.3 | 1,667.2 | 15.6 | 1,667.2 | 0.90 | -0.84 | 0.32 |
| 6,501.0 | 90.70 | 1.30 | 5,127.0 | 1,763.1 | 17.4 | 1,763.1 | 1.45 | -1.35 | 0.52 |
| 6,597.0 | 90.50 | 0.80 | 5,126.0 | 1,859.1 | 19.1 | 1,859.1 | 0.56 | -0.21 | -0.52 |
| 6,692.0 | 90.30 | 0.70 | 5,125.4 | 1,954.1 | 20.4 | 1,954.1 | 0.24 | -0.21 | -0.11 |
| 6,788.0 | 90.20 | 0.70 | 5,124.9 | 2,050.1 | 21.5 | 2,050.1 | 0.10 | -0.10 | 0.00 |
| 6,883.0 | 89.80 | 0.60 | 5,124.9 | 2,145.1 | 22.6 | 2,145.1 | 0.43 | -0.42 | -0.11 |
| 6,979.0 | 91.60 | 1.20 | 5,123.8 | 2,241.1 | 24.1 | 2,241.1 | 1.98 | 1.88 | 0.63 |
| 7,074.0 | 91.60 | 1.30 | 5,121.1 | 2,336.0 | 26.2 | 2,336.1 | 0.11 | 0.00 | 0.11 |
| 7,170.0 | 91.90 | 1.60 | 5,118.2 | 2,431.9 | 28.6 | 2,432.0 | 0.44 | 0.31 | 0.31 |
| 7,265.0 | 91.40 | 0.40 | 5,115.4 | 2,526.9 | 30.3 | 2,527.0 | 1.37 | -0.53 | -1.26 |
| 7,361.0 | 90.60 | 1.30 | 5,113.8 | 2,622.9 | 31.7 | 2,623.0 | 1.25 | -0.83 | 0.94 |
| 7,456.0 | 90.00 | 1.00 | 5,113.3 | 2,717.8 | 33.6 | 2,718.0 | 0.71 | -0.63 | -0.32 |
| 7,551.0 | 89.80 | 1.20 | 5,113.4 | 2,812.8 | 35.4 | 2,813.0 | 0.30 | -0.21 | 0.21 |
| 7,646.0 | 89.80 | 1.60 | 5,113.8 | 2,907.8 | 37.8 | 2,908.0 | 0.42 | 0.00 | 0.42 |
| 7,742.0 | 89.50 | 1.70 | 5,114.4 | 3,003.7 | 40.5 | 3,004.0 | 0.33 | -0.31 | 0.10 |
| 7,838.0 | 90.60 | 1.80 | 5,114.3 | 3,099.7 | 43.5 | 3,099.9 | 1.15 | 1.15 | 0.10 |
| 7,933.0 | 91.00 | 1.60 | 5,112.9 | 3,194.7 | 46.3 | 3,194.9 | 0.47 | 0.42 | -0.21 |
| 8,029.0 | 91.20 | 1.40 | 5,111.1 | 3,290.6 | 48.8 | 3,290.9 | 0.29 | 0.21 | -0.21 |
| 8,125.0 | 91.20 | 1.20 | 5,109.1 | 3,386.6 | 51.0 | 3,386.9 | 0.21 | 0.00 | -0.21 |
| 8,220.0 | 91.40 | 0.90 | 5,106.9 | 3,481.5 | 52.7 | 3,481.9 | 0.38 | 0.21 | -0.32 |
| 8,316.0 | 92.80 | 1.10 | 5,103.4 | 3,577.4 | 54.4 | 3,577.8 | 1.47 | 1.46 | 0.21 |
| 8,411.0 | 92.80 | 1.20 | 5,098.8 | 3,672.3 | 56.3 | 3,672.7 | 0.11 | 0.00 | 0.11 |

Wolverine Directional, LLC

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Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|-------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 8,507.0 | 91.80 | 1.90 | 5,094.9 | 3,768.2 | 58.9 | 3,768.6 | 1.27 | -1.04 | 0.73 |
| 8,603.0 | 89.50 | 1.50 | 5,093.8 | 3,864.1 | 61.7 | 3,864.6 | 2.43 | -2.40 | -0.42 |
| 8,698.0 | 89.40 | 1.50 | 5,094.7 | 3,959.1 | 64.2 | 3,959.6 | 0.11 | -0.11 | 0.00 |
| 8,730.0 | 89.70 | 1.20 | 5,095.0 | 3,991.1 | 65.0 | 3,991.6 | 1.33 | 0.94 | -0.94 |
| 8,794.0 | 90.40 | 1.50 | 5,094.9 | 4,055.1 | 66.5 | 4,055.6 | 1.19 | 1.09 | 0.47 |
| 8,890.0 | 90.40 | 1.90 | 5,094.3 | 4,151.0 | 69.3 | 4,151.6 | 0.42 | 0.00 | 0.42 |
| 8,986.0 | 90.50 | 2.40 | 5,093.5 | 4,247.0 | 72.9 | 4,247.6 | 0.53 | 0.10 | 0.52 |
| 9,017.0 | 89.40 | 2.60 | 5,093.5 | 4,277.9 | 74.3 | 4,278.5 | 3.61 | -3.55 | 0.65 |
| 9,081.0 | 87.50 | 2.60 | 5,095.3 | 4,341.8 | 77.2 | 4,342.5 | 2.97 | -2.97 | 0.00 |
| 9,113.0 | 87.90 | 2.80 | 5,096.6 | 4,373.8 | 78.7 | 4,374.5 | 1.40 | 1.25 | 0.63 |
| 9,177.0 | 88.50 | 3.10 | 5,098.6 | 4,437.7 | 82.0 | 4,438.4 | 1.05 | 0.94 | 0.47 |
| 9,273.0 | 89.10 | 3.00 | 5,100.6 | 4,533.5 | 87.1 | 4,534.3 | 0.63 | 0.63 | -0.10 |
| 9,368.0 | 91.20 | 3.30 | 5,100.3 | 4,628.3 | 92.3 | 4,629.3 | 2.23 | 2.21 | 0.32 |
| 9,464.0 | 93.10 | 3.20 | 5,096.7 | 4,724.1 | 97.7 | 4,725.1 | 1.98 | 1.98 | -0.10 |
| 9,520.0 | 94.20 | 2.20 | 5,093.2 | 4,779.9 | 100.4 | 4,781.0 | 2.65 | 1.96 | -1.79 |
| Last MWD Survey | | | | | | | | | |
| 9,574.0 | 94.20 | 2.20 | 5,089.2 | 4,833.8 | 102.4 | 4,834.8 | 0.00 | 0.00 | 0.00 |
| Proj to TD - Ellis 1-19H PBHL | | | | | | | | | |

Survey Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|------------|------------------|
| | | +N/-S (ft) | +E/-W (ft) | |
| 980.0 | 979.9 | -7.0 | -7.5 | First MWD Survey |
| 9,520.0 | 5,093.2 | 4,779.9 | 100.4 | Last MWD Survey |
| 9,574.0 | 5,089.2 | 4,833.8 | 102.4 | Proj to TD |

Checked By: _____ Approved By: _____ Date: _____

Section 13
31S 20W

Section 18
31S 19W

SEAN 1-18H

764' FNL



BHL: 9574'

-99.433037 37.336061

704' FWL

Bottom Perf: 9519'
-99.433042 37.335910

Section 24
31S 20W

Section 19
31S 19W

Top Perf: 5605'

-99.433245 37.325166

Miss Entry: 5335'

-99.433239 37.324440

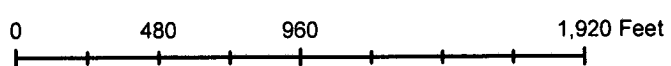
ELLIS 1-19H

Section 25
31S 20W

Section 30
31S 19W



Actual Bottom-Hole Location of Ellis 1-19H
Comanche County, Kansas
T&R: 31S 19W
Section: 19, 764' FNL & 704' FEL
Long: -99.433037, Lat: 37.336061
1 in = 650 ft



| | |
|---|-----------------------|
| Draftsman: Matt White | Draft Date: 2/13/2012 |
| Drawing Name/Number: Addendum_Ellis_1-19H.mxd | |
| Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502 | |

- Actual BH Location
- SandRidge Wells
- Perf
- PLSS Sections