Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1065576

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 # 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: Gil Messersmith
Phone: (405) 429-5773
CONTRACTOR: License # 34464
Name: Lariat Services, Inc.
Wellsite Geologist: Tammy Alcorn
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 #:

9/28/2011 — Spud Date or Recompletion Date
10/16/2011 — Date Reached TD
11/11/2011 — Completion Date or Recompletion Date

API No. 15 - 15-007-23768-01-00
Spot Description:
N2 - N2 - NW - NW Sec. 11 Twp. 35 S. R. 10 ☐ East ☑ West
200 Feet from ☑ North / ☐ South Line of Section
660 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barber
Lease Name: William Well #: 1-11H
Field Name:
Producing Formation: Mississippi
Elevation: Ground: 1300 Kelly Bushing: 1280
Total Vertical Depth: 9183 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 950 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: 9000 ppm Fluid volume: 5340 bbls
Dewatering method used: Haul Off Pit

Location of fluid disposal if hauled offsite:

Operator Name: Triple C Soil Farming
Lease Name: none License #: 99999
Quarter E2 Sec. 15 Twp. 29 S. R. 9 ☐ East ☑ West
County: Alfalfa Permit #: 18550

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: 01/26/2012
☑ **Confidential Release Date:** 01/25/2014
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 01/26/2012

1065576

Operator Name: SandRidge Exploration and Production LLC Lease Name: William Well #: 1-11H

Sec. 11 Twp. 35 S. R. 10 ☐ East ☑ West County: Barber

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Porosity
Resistivity

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Base Heebner	3634	-2311
Cherokee Group	4758	-3435
Mississippi Lime	5010	-3687

CASING RECORD ☑ New ☐ 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
Surface	12.25	9.63	36	923	Otex Lite Standard/ Standard	540	6% Gel- 6% Calcium Chloride
Intermediate	9.63	7	29	5226	50/50 POZ Premium	250	4% Gel- .4% C12- .1% C37- .5% C41P-
Liner	7.63	4.5	11.6	9181	50/50 Premium Poz	465	4% Gel- .4% C12- .1% C37- .5% C-41P

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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 *(Amount and Kind of Material Used)*	Depth
Attached	Attached	Attached	Attached

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: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)*

PRODUCTION INTERVAL:

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	William 1-11H
Doc ID	1065576

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	9078-80; 8974-76; 8870-72; 8766-68; 8662-64	Frac w/4842bbls Slickwater, 36bbls 15% NeFe HCl, 99M lbs 40/70 sd, 4877 TLTR	
6	8558-60; 8454-56; 8350-52; 8246-48; 8142-44	Frac w/5069bbls Slickwater, 36 bbls 15% NeFe HCl, 101M lbs 40/70 sd, 10111 TLTR	
6	8038-40; 7950-52; 7830-32; 7726-28; 7622-24	Frac w/4824llbs Slickwater, 36bbls 15% NeFe HCl, 100M lbs 40/70 sd, 15079 TLTR	
6	7510-12; 7414-16; 7320-22; 7206-08; 7102-04	Frac w/4745bbls Slickwater, 36bbls 15% NeFe NCl, 102M lbs 40/70 sd, 19952 TLTR	
6	6998-7000; 6894-96; 6790-92; 6686-88; 6582-84	Frac w/4877bbls Slickwater, 36bbls 15% NeFe HCl, 101M lbs 40/70 sd, 24939 TLTR	
6	6478-80; 6374-76; 6288-90; 6166-68; 6062-6064	Frac w/4650 bbls SLickwater, 36bbls 15% NeFe HCl, 100M lbs 40/70 sd, 29699 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	William 1-11H
Doc ID	1065576

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	5958-60; 5854-56; 5750-52; 5646-48; 5542-44	Frac w/4680bbls Slickwater, 51bbls 15% NeFe HCl, 105M lbs 40/70 sd, 34479 TLTR	
6	5438-40; 5334-36; 5240-42; 5126-28; 5022-24	Frac w/4870bbls 15% NeFe HCl, 105M lbs 40/70 sd, 39424 TLTR	

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

Kansas
Corporation Commission

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

December 20, 2011

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

Re: ACO1
API 15-007-23768-01-00
William 1-11H
NW/4 Sec.11-35S-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,
Gil Messersmith

	Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vertical Section (ft)	FNL	FSL	FWL	FEL
SHL	0	0	0	0	0	0	0	200.00	5080.00	660.00	4670.00
BHL	9183	91.60	181.40	4835.95	-4753.29	44.57	4753.49	4953.29	326.71	704.57	4625.43
Miss Entry	5010	70.86	181.23	4770.06	-586.49	12.26	586.59	786.49	4493.51	672.26	4657.74
Top Perf	5022	72.27	181.53	4774.07	-597.79	12.02	597.89	797.79	4482.21	672.02	4657.98
Bottom Perf	9080	91.28	180.98	4838.61	-4650.35	46.74	4650.58	4850.35	429.65	706.74	4623.26

Measured Depth (ft)	Sub-Sea Incl. (ft)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vertical Section (ft)	FNL	FSL	FWL	FEL
0	0	0	0	0	0	0	200.00	5080.00	660.00	4670.00
958	0.10	165.10	958.00	-0.81	0.21	0.81	200.81	5079.19	660.21	4669.79
1433	0.20	0.80	1433.00	-0.38	0.33	0.38	200.38	5079.62	660.33	4669.67
1909	0.50	137.40	1908.99	-1.08	1.75	1.10	201.08	5078.92	661.75	4668.25
2385	0.50	147.70	2384.98	-4.36	4.27	4.41	204.36	5075.64	664.27	4665.73
2861	0.40	193.60	2860.96	-7.73	4.99	7.79	207.73	5072.27	664.99	4665.01
3338	0.30	246.10	3337.95	-9.86	3.45	9.90	209.86	5070.14	663.45	4666.55
3433	0.10	83.40	3432.95	-9.95	3.31	9.98	209.95	5070.05	663.31	4666.69
3528	0.10	151.90	3527.95	-10.01	3.43	10.05	210.01	5069.99	663.43	4666.57
3623	0.20	151.50	3622.95	-10.23	3.55	10.27	210.23	5069.77	663.55	4666.45
3718	0.10	53.20	3717.95	-10.33	3.69	10.37	210.33	5069.67	663.69	4666.31
3813	0.30	149.90	3812.95	-10.49	3.88	10.54	210.49	5069.51	663.88	4666.12
3908	1.10	174.50	3907.95	-11.61	4.10	11.66	211.61	5068.39	664.10	4665.90
3940	2.20	174.10	3939.93	-12.53	4.19	12.58	212.53	5067.47	664.19	4665.81
3972	4.00	179.10	3971.88	-14.26	4.27	14.31	214.26	5065.74	664.27	4665.73
4003	4.20	182.50	4002.80	-16.47	4.24	16.52	216.47	5063.53	664.24	4665.76
4035	5.80	180.10	4034.68	-19.26	4.18	19.31	219.26	5060.74	664.18	4665.82
4067	8.40	182.30	4066.43	-23.21	4.09	23.26	223.21	5056.79	664.09	4665.91
4099	10.90	177.10	4097.98	-28.57	4.14	28.62	228.57	5051.43	664.14	4665.86
4130	12.50	173.70	4128.33	-34.84	4.66	34.89	234.84	5045.16	664.66	4665.34
4162	13.50	167.90	4159.51	-41.93	5.82	41.99	241.93	5038.07	665.82	4664.18
4194	14.50	168.40	4190.56	-49.51	7.41	49.59	249.51	5030.49	667.41	4662.59
4225	16.40	169.60	4220.44	-57.61	8.98	57.71	257.61	5022.39	668.98	4661.02
4257	18.30	170.00	4250.98	-67.00	10.67	67.12	267.00	5013.00	670.67	4659.33
4289	21.20	171.30	4281.10	-77.67	12.42	77.81	277.67	5002.33	672.42	4657.58
4321	23.40	175.30	4310.71	-89.73	13.82	89.88	289.73	4990.27	673.82	4656.18
4353	26.60	178.60	4339.71	-103.23	14.51	103.39	303.23	4976.77	674.51	4655.49

4384	30.20	180.20	4366.97	-117.97	14.65	118.13	317.97	4962.03	674.65	4655.35
4416	33.40	181.20	4394.16	-134.83	14.44	134.98	334.83	4945.17	674.44	4655.56
4448	36.60	182.00	4420.37	-153.17	13.92	153.32	353.17	4926.83	673.92	4656.08
4480	39.50	182.40	4445.57	-172.88	13.16	173.02	372.88	4907.12	673.16	4656.84
4512	42.60	182.60	4469.70	-193.87	12.25	194.00	393.87	4886.13	672.25	4657.75
4543	44.80	181.80	4492.11	-215.27	11.43	215.39	415.27	4864.73	671.43	4658.57
4575	46.90	181.70	4514.40	-238.22	10.73	238.32	438.22	4841.78	670.73	4659.27
4607	49.50	181.10	4535.73	-262.06	10.15	262.16	462.06	4817.94	670.15	4659.85
4638	50.60	180.80	4555.63	-285.83	9.75	285.92	485.83	4794.17	669.75	4660.25
4670	50.00	180.40	4576.07	-310.44	9.49	310.53	510.44	4769.56	669.49	4660.51
4702	49.60	180.00	4596.73	-334.89	9.41	334.97	534.89	4745.11	669.41	4660.59
4734	49.50	180.10	4617.49	-359.24	9.39	359.32	559.24	4720.76	669.39	4660.61
4765	48.70	179.30	4637.78	-382.67	9.51	382.75	582.67	4697.33	669.51	4660.49
4797	48.30	179.30	4658.99	-406.63	9.80	406.72	606.63	4673.37	669.80	4660.20
4829	50.00	179.20	4679.92	-430.83	10.12	430.92	630.83	4649.17	670.12	4659.88
4861	52.80	178.30	4699.88	-455.83	10.67	455.93	655.83	4624.17	670.67	4659.33
4893	56.50	177.70	4718.39	-481.91	11.58	482.01	681.91	4598.09	671.58	4658.42
4924	60.20	178.70	4734.66	-508.29	12.41	508.39	708.29	4571.71	672.41	4657.59
4956	64.00	179.80	4749.63	-536.56	12.77	536.67	736.56	4543.44	672.77	4657.23
4989	68.30	180.70	4762.97	-566.73	12.64	566.84	766.73	4513.27	672.64	4657.36
5021	72.20	181.50	4773.78	-596.84	12.06	596.94	796.84	4483.16	672.06	4657.94
5053	74.30	182.50	4783.00	-627.46	10.99	627.54	827.46	4452.54	670.99	4659.01
5084	76.70	182.30	4790.76	-657.44	9.73	657.51	857.44	4422.56	669.73	4660.27
5116	79.60	182.20	4797.33	-688.73	8.50	688.79	888.73	4391.27	668.50	4661.50
5148	81.90	181.90	4802.48	-720.30	7.37	720.33	920.30	4359.70	667.37	4662.63
5180	83.80	181.20	4806.46	-752.03	6.51	752.06	952.03	4327.97	666.51	4663.49
5274	86.90	179.40	4814.08	-845.71	6.02	845.72	1045.71	4234.29	666.02	4663.98
5306	86.90	179.40	4815.81	-877.66	6.36	877.67	1077.66	4202.34	666.36	4663.64
5338	86.70	179.50	4817.60	-909.61	6.67	909.62	1109.61	4170.39	666.67	4663.33
5370	87.90	179.40	4819.10	-941.57	6.97	941.59	1141.57	4138.43	666.97	4663.03
5402	88.30	179.30	4820.16	-973.55	7.34	973.57	1173.55	4106.45	667.34	4662.66
5434	89.60	179.20	4820.75	-1005.54	7.75	1005.56	1205.54	4074.46	667.75	4662.25
5466	90.20	178.90	4820.81	-1037.54	8.28	1037.56	1237.54	4042.46	668.28	4661.72
5498	90.50	178.50	4820.61	-1069.53	9.01	1069.56	1269.53	4010.47	669.01	4660.99
5530	90.60	178.20	4820.30	-1101.51	9.93	1101.55	1301.51	3978.49	669.93	4660.07
5562	89.70	178.00	4820.22	-1133.49	10.99	1133.55	1333.49	3946.51	670.99	4659.01
5594	89.50	177.60	4820.44	-1165.47	12.22	1165.53	1365.47	3914.53	672.22	4657.78
5626	89.20	177.40	4820.81	-1197.44	13.62	1197.52	1397.44	3882.56	673.62	4656.38
5657	89.30	177.10	4821.21	-1228.40	15.10	1228.49	1428.40	3851.60	675.10	4654.90
5689	89.30	176.80	4821.60	-1260.35	16.81	1260.46	1460.35	3819.65	676.81	4653.19

5721	89.90	176.20	4821.83	-1292.29	18.76	1292.42	1492.29	3787.71	678.76	4651.24
5753	89.70	175.90	4821.94	-1324.21	20.96	1324.37	1524.21	3755.79	680.96	4649.04
5785	89.00	176.30	4822.30	-1356.14	23.14	1356.31	1556.14	3723.86	683.14	4646.86
5817	88.50	177.70	4823.00	-1388.09	24.82	1388.28	1588.09	3691.91	684.82	4645.18
5849	89.00	177.30	4823.70	-1420.05	26.21	1420.25	1620.05	3659.95	686.21	4643.79
5881	88.80	177.70	4824.31	-1452.01	27.61	1452.23	1652.01	3627.99	687.61	4642.39
5913	88.30	178.60	4825.12	-1483.98	28.64	1484.21	1683.98	3596.02	688.64	4641.36
5945	88.40	178.80	4826.04	-1515.96	29.36	1516.20	1715.96	3564.04	689.36	4640.64
5977	88.30	179.80	4826.96	-1547.95	29.76	1548.18	1747.95	3532.05	689.76	4640.24
6009	88.30	179.80	4827.91	-1579.93	29.87	1580.17	1779.93	3500.07	689.87	4640.13
6041	88.40	179.80	4828.83	-1611.92	29.98	1612.15	1811.92	3468.08	689.98	4640.02
6073	88.80	180.30	4829.62	-1643.91	29.95	1644.14	1843.91	3436.09	689.95	4640.05
6105	89.90	180.60	4829.98	-1675.91	29.70	1676.13	1875.91	3404.09	689.70	4640.30
6136	89.70	180.70	4830.09	-1706.90	29.35	1707.13	1906.90	3373.10	689.35	4640.65
6168	89.60	180.60	4830.28	-1738.90	28.99	1739.12	1938.90	3341.10	688.99	4641.01
6200	88.90	180.70	4830.70	-1770.90	28.62	1771.11	1970.90	3309.10	688.62	4641.38
6232	89.60	180.40	4831.12	-1802.89	28.31	1803.10	2002.89	3277.11	688.31	4641.69
6264	91.00	180.50	4830.95	-1834.89	28.06	1835.09	2034.89	3245.11	688.06	4641.94
6296	91.20	180.90	4830.34	-1866.88	27.67	1867.07	2066.88	3213.12	687.67	4642.33
6328	91.40	180.70	4829.61	-1898.87	27.23	1899.06	2098.87	3181.13	687.23	4642.77
6360	91.10	180.60	4828.91	-1930.86	26.86	1931.04	2130.86	3149.14	686.86	4643.14
6392	91.00	180.70	4828.33	-1962.85	26.50	1963.03	2162.85	3117.15	686.50	4643.50
6424	89.90	180.90	4828.08	-1994.85	26.05	1995.01	2194.85	3085.15	686.05	4643.95
6456	89.70	180.70	4828.19	-2026.84	25.61	2027.00	2226.84	3053.16	685.61	4644.39
6488	89.10	180.10	4828.52	-2058.84	25.38	2059.00	2258.84	3021.16	685.38	4644.62
6519	89.10	179.90	4829.01	-2089.84	25.38	2089.99	2289.84	2990.16	685.38	4644.62
6551	89.10	179.90	4829.51	-2121.83	25.44	2121.99	2321.83	2958.17	685.44	4644.56
6583	89.20	180.00	4829.99	-2153.83	25.47	2153.98	2353.83	2926.17	685.47	4644.53
6615	89.50	180.30	4830.35	-2185.83	25.38	2185.97	2385.83	2894.17	685.38	4644.62
6647	89.60	180.10	4830.60	-2217.83	25.27	2217.97	2417.83	2862.17	685.27	4644.73
6679	89.40	180.10	4830.88	-2249.82	25.22	2249.97	2449.82	2830.18	685.22	4644.78
6711	89.20	180.20	4831.27	-2281.82	25.13	2281.96	2481.82	2798.18	685.13	4644.87
6743	89.40	180.20	4831.66	-2313.82	25.02	2313.95	2513.82	2766.18	685.02	4644.98
6775	89.50	180.20	4831.97	-2345.82	24.91	2345.95	2545.82	2734.18	684.91	4645.09
6806	89.10	179.50	4832.35	-2376.82	24.99	2376.95	2576.82	2703.18	684.99	4645.01
6838	89.10	179.10	4832.85	-2408.81	25.38	2408.94	2608.81	2671.19	685.38	4644.62
6870	88.90	179.10	4833.41	-2440.80	25.88	2440.94	2640.80	2639.20	685.88	4644.12
6902	88.60	179.60	4834.11	-2472.79	26.25	2472.93	2672.79	2607.21	686.25	4643.75
6934	89.20	179.10	4834.72	-2504.78	26.61	2504.92	2704.78	2575.22	686.61	4643.39
6966	89.70	179.20	4835.03	-2536.78	27.08	2536.92	2736.78	2543.22	687.08	4642.92

6998	89.70	178.80	4835.20	-2568.77	27.64	2568.92	2768.77	2511.23	687.64	4642.36
7030	89.00	179.30	4835.56	-2600.76	28.17	2600.92	2800.76	2479.24	688.17	4641.83
7062	89.50	178.70	4835.98	-2632.76	28.73	2632.91	2832.76	2447.24	688.73	4641.27
7094	89.80	178.70	4836.18	-2664.75	29.46	2664.91	2864.75	2415.25	689.46	4640.54
7126	89.90	178.90	4836.26	-2696.74	30.13	2696.91	2896.74	2383.26	690.13	4639.87
7159	89.90	179.20	4836.32	-2729.74	30.67	2729.91	2929.74	2350.26	690.67	4639.33
7191	89.40	179.50	4836.51	-2761.73	31.04	2761.91	2961.73	2318.27	691.04	4638.96
7223	89.20	179.70	4836.90	-2793.73	31.26	2793.91	2993.73	2286.27	691.26	4638.74
7254	89.50	179.20	4837.25	-2824.73	31.56	2824.90	3024.73	2255.27	691.56	4638.44
7286	89.60	179.30	4837.51	-2856.72	31.98	2856.90	3056.72	2223.28	691.98	4638.02
7318	89.50	179.60	4837.76	-2888.72	32.28	2888.90	3088.72	2191.28	692.28	4637.72
7350	89.90	179.70	4837.92	-2920.72	32.48	2920.90	3120.72	2159.28	692.48	4637.52
7382	89.90	179.80	4837.98	-2952.72	32.62	2952.90	3152.72	2127.28	692.62	4637.38
7414	88.80	178.90	4838.34	-2984.71	32.98	2984.90	3184.71	2095.29	692.98	4637.02
7446	88.90	178.80	4838.99	-3016.70	33.62	3016.89	3216.70	2063.30	693.62	4636.38
7478	89.00	178.80	4839.57	-3048.69	34.29	3048.88	3248.69	2031.31	694.29	4635.71
7509	88.90	179.10	4840.14	-3079.68	34.86	3079.88	3279.68	2000.32	694.86	4635.14
7541	89.20	179.20	4840.67	-3111.67	35.34	3111.87	3311.67	1968.33	695.34	4634.66
7573	89.30	178.60	4841.09	-3143.66	35.95	3143.87	3343.66	1936.34	695.95	4634.05
7605	89.40	178.60	4841.45	-3175.65	36.73	3175.86	3375.65	1904.35	696.73	4633.27
7637	89.80	178.30	4841.68	-3207.64	37.60	3207.86	3407.64	1872.36	697.60	4632.40
7669	89.10	178.20	4841.98	-3239.62	38.58	3239.85	3439.62	1840.38	698.58	4631.42
7701	89.10	178.30	4842.49	-3271.60	39.55	3271.84	3471.60	1808.40	699.55	4630.45
7733	88.80	178.40	4843.07	-3303.58	40.47	3303.83	3503.58	1776.42	700.47	4629.53
7765	88.70	178.60	4843.77	-3335.56	41.31	3335.82	3535.56	1744.44	701.31	4628.69
7797	89.50	178.60	4844.27	-3367.55	42.09	3367.81	3567.55	1712.45	702.09	4627.91
7829	89.80	178.00	4844.47	-3399.54	43.04	3399.81	3599.54	1680.46	703.04	4626.96
7861	89.90	177.90	4844.55	-3431.52	44.19	3431.80	3631.52	1648.48	704.19	4625.81
7893	89.70	178.90	4844.66	-3463.50	45.08	3463.79	3663.50	1616.50	705.08	4624.92
7925	89.30	179.40	4844.94	-3495.50	45.56	3495.79	3695.50	1584.50	705.56	4624.44
7957	90.00	179.80	4845.14	-3527.50	45.78	3527.79	3727.50	1552.50	705.78	4624.22
7989	90.00	180.20	4845.14	-3559.50	45.78	3559.79	3759.50	1520.50	705.78	4624.22
8021	90.00	180.20	4845.14	-3591.50	45.67	3591.78	3791.50	1488.50	705.67	4624.33
8053	89.80	180.50	4845.19	-3623.49	45.47	3623.78	3823.49	1456.51	705.47	4624.53
8084	89.80	180.40	4845.30	-3654.49	45.23	3654.77	3854.49	1425.51	705.23	4624.77
8116	89.70	180.70	4845.44	-3686.49	44.92	3686.76	3886.49	1393.51	704.92	4625.08
8148	90.00	180.20	4845.53	-3718.49	44.67	3718.76	3918.49	1361.51	704.67	4625.33
8244	89.80	179.90	4845.69	-3814.49	44.59	3814.75	4014.49	1265.51	704.59	4625.41
8340	88.80	179.40	4846.87	-3910.48	45.17	3910.74	4110.48	1169.52	705.17	4624.83
8435	89.70	180.20	4848.11	-4005.47	45.50	4005.73	4205.47	1074.53	705.50	4624.50

8531	89.90	179.40	4848.45	-4101.47	45.84	4101.72	4301.47	978.53	705.84	4624.16
8627	91.00	179.20	4847.69	-4197.46	47.01	4197.72	4397.46	882.54	707.01	4622.99
8723	91.20	179.40	4845.85	-4293.43	48.18	4293.70	4493.43	786.57	708.18	4621.82
8818	91.00	180.20	4844.02	-4388.41	48.52	4388.68	4588.41	691.59	708.52	4621.48
8914	91.00	180.40	4842.35	-4484.40	48.01	4484.65	4684.40	595.60	708.01	4621.99
9010	91.50	180.10	4840.26	-4580.37	47.59	4580.62	4780.37	499.63	707.59	4622.41
9106	91.20	181.30	4837.99	-4676.34	46.42	4676.56	4876.34	403.66	706.42	4623.58
9136	91.60	181.40	4837.26	-4706.32	45.72	4706.53	4906.32	373.68	705.72	4624.28
9183	91.60	181.40	4835.95	-4753.29	44.57	4753.49	4953.29	326.71	704.57	4625.43

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK0869	10/03/11

COUNTY	State	COMPANY	CUSTOMER REP
Barber	Kansas	andridge Exp and Productio	Felix Ortiz

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
William	1-11H	Surface	Eric Parsons

EMP NAME

Eric Parsons		John Jones					
Emmitt Brock							
Michael Bajo							
Michael Horne							

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 926

	Called Out	On Location	Job Started	Job Completed
Date	10/3/2011	10/3/2011	10/3/2011	10/4/2011
Time		9:30pm	11:00pm	

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	Weatherford
Insert Float Val	0	
Centralizers	0	
Top Plug	0	
HEAD	0	
Limit clamp	0	
Weld-A	0	
Texas Pattern Guide Shoe	0	
Cement Basket	0	

Well Data

	New/Used	Weight	Size Grade	From	To	Max. Allow
Casing		36#	9 5/8"	Surface	926	1,500
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"	Surface	923	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials

Mud Type	WBM	Density 9	Lb/Gal	
Disp. Fluid	Fresh Water	Density 8.33	Lb/Gal	
Spacer type	resh Wate	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	

Perfpac Balls _____ Qty. _____

Other _____

Other _____

Other _____

Other _____

Other _____

Hours On Location

Date	Hours
10/3	4.0
Total	4.0

Operating Hours

Date	Hours
9/5	1.5
Total	1.5

Description of Job

Surface

Pressures

MAX 1,500 PSI AVG. 150

Average Rates in BPM

MAX 6 BMP AVG 4

Cement Left in Pipe

Feet 45 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	280	Otex Lite Standard	6% Gel - 2% Calcium Chloride - 1/4lb/sk Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	160	Standard	2% Calcium Chloride - 1/4lb/sk Cello-Flake - .5% C-41P	5.20	1.18	15.60
3	100	Standard	2% Calcium Chloride on side if necessary	5.20	1.18	15.60

Summary

Preflush		Type:		Preflush:	BBl	10.00	Type: WATER
Breakdown		MAXIMUM	1,500 PSI	Load & Bkdn:	Gal - BBl	N/A	Pad:Bbl -Gal N/A
		Lost Returns-N	NO/FULL	Excess /Return	BBl	20	Calc.Disp Bbl 68
		Actual TOC	SURFACE	Calc. TOC:		SURFACE	Actual Disp. 68.00
Average		Bump Plug PSI:	950	Final Circ.	PSI:	355	Disp:Bbl
ISIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBl	125.4	
				Total Volume	BBl	203.39	

CUSTOMER REPRESENTATIVE _____ SIGNATURE

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK0881	10/08/11

COUNTY	State	COMPANY	CUSTOMER REP
Barber	Kansas	Sandridge Exp and Prod	Felix Ortiz

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
William	1-11H	Intermediate	Chris Bigbey

EMP NAME

Chris Bigbey
RJ Stonehocker
Flo Helkena

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 0 Pressure _____

Retainer Depth _____ Total Depth 5252

	Called Out	On Location	Job Started	Job Completed
Date	10/8/2011	10/9/2011	10/9/2011	10/9/2011
Time	2330	0500	0650	0835

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	Max. Allow
Casing		29.0	7		Surface	5,252	
Liner							
Liner							
Tubing							
Drill Pipe							
Open Hole			8 3/4		Surface	5,228	Shots/Ft.
Perforations							
Perforations							
Perforations							

Materials

Mud Type		Density		Lb/Gal
Disp. Fluid		Density		Lb/Gal
Spacer type		BBL.		
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	
Perfpac Balls		Qty.		
Other				
Other				
Other				
Other				
Other				

Hours On Location

Date	Hours
10/9	5.0
Total	5.0

Operating Hours

Date	Hours
10/9	1.8
Total	1.8

Description of Job

Intermediate

Pressures

MAX 3500 AVG. 500

Average Rates in BPM

MAX 10 AVG 5

Cement Left in Pipe

Feet 87 Reason Shoe Jt.

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	250	50/50 POZ PREMIUM	4% Gel - 0.4% C-12 - 0.1% C-37 - 0.5% C-41P - 2 lb/sk Phenoseal	6.77	1.44	13.60
2	0	0	0	0.00	0.00	0.00
3	0	0	0	0.00	0.00	0.00

Summary

Preflush	10	Type:	caustic	Preflush:	BBl	20.00	Type: FRESH WATER
Breakdown		MAXIMUM	3,500	Load & Bkdn:	Gal - BBl		Pad:Bbl -Gal
		Lost Returns-N	no	Excess /Return	BBl		Calc.Disp Bbl 192
		Actual TOC	3,645	Calc. TOC:		3,735	Actual Disp. 184.00
Average		Frac. Gradient		Treatment:	Gal - BBl		Disp:Bbl 191.60
ISIP	5 Min.	10 Min	15 Min	Cement Slurry:	BBl	64.1	
				Total Volume	BBl	268.10	

CUSTOMER REPRESENTATIVE _____ SIGNATURE

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK0909	10/18/11

COUNTY	State	COMPANY	CUSTOMER REP
Barber	Kansas	andridge Exp and Productio	Claude

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
William	1-11H	Intermediate	Chris Bigbey

EMP NAME						
Chris Bigbey						
Emmit Brock						
RJ Stonehocker						
John Hall						

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 0 Pressure _____

Retainer Depth _____ Total Depth 9183

	Called Out	On Location	Job Started	Job Completed
Date	10/18/2011	10/18/2011	10/18/2011	10/18/2011
Time	1000	1330	1440	1630

Tools and Accessories

Type and Size	Qty	Make
Auto Fill Tube	0	Weatherford
Insert Float Val	0	
Centralizers	0	
Top Plug	0	
HEAD	0	
Limit clamp	0	
Weld-A	0	
Texas Pattern Guide Shoe	0	
Cement Basket	0	

Well Data

	New/Used	Weight	Size Grade	From	To	Max. Allow
Casing		11.6	4 1/2	4821	9,183	
Liner						
Liner						
Tubing		44.0	4 3/4	3,895	4,821	
Drill Pipe		15.5	3 1/2	Surface	3,895	
Open Hole			6 1/8	5,227	9,183	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials

Mud Type		Density		Lb/Gal
Disp. Fluid		Density		Lb/Gal
Spacer type		BBL.		
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	
Perfpac Balls		Qty.		
Other				
Other				
Other				
Other				
Other				

Hours On Location

Date	Hours
10/18	4.0
Total	4.0

Operating Hours

Date	Hours
10/18	1.8
Total	1.8

Description of Job

Intermediate

Pressures

MAX 3500 AVG. 800

Average Rates in BPM

MAX 8 AVG 5

Cement Left in Pipe

Feet 80 Reason Shoe Jt.

Cement Data

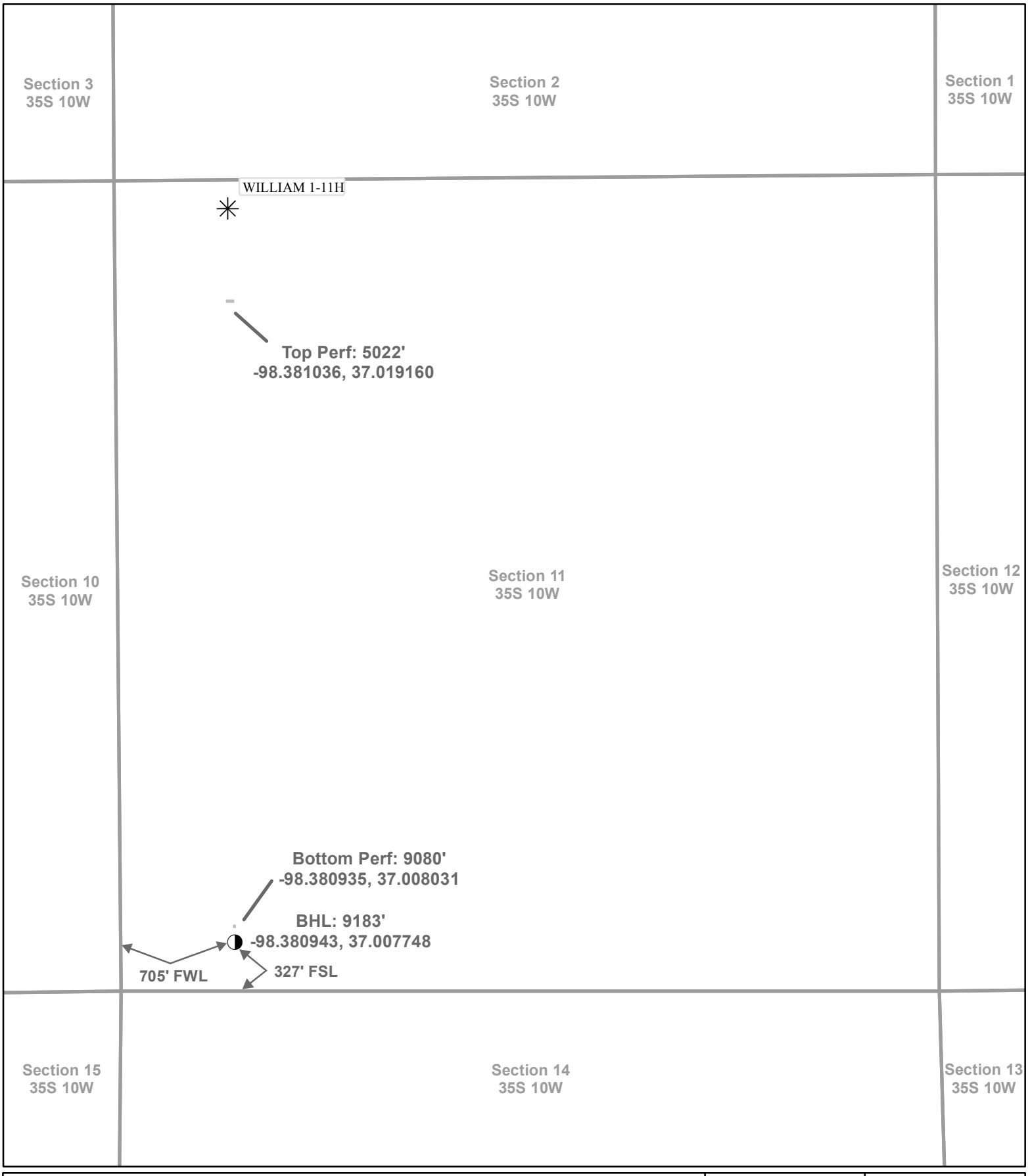
Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	465	50/50 Premium Poz	(4%Gel) - .4% C12 - .1% C37 - 0.5% C-41P - 2 Lb/Sk Pheno	6.77	1.44	13.60
2	0	0	0	0.00	0.00	0.00
3	0	0	0	0.00	0.00	0.00

Summary

Preflush	10	Type:	caustic	Preflush:	BBl	20.00	Type: Fresh Water
Breakdown		MAXIMUM	3,500	Load & Bkdn:	Gal - BBl		Pad:Bbl -Gal
		Lost Returns-N	no	Excess /Return	BBl		Calc.Disp Bbl 96
		Actual TOC	4,337	Calc. TOC:		4,363	Actual Disp. 92.00
Average		Frac. Gradient		Treatment:	Gal - BBl		Disp:Bbl 95.60
ISIP _____	5 Min. _____	10 Min _____	15 Min _____	Cement Slurry:	BBl	119.3	
				Total Volume	BBl	231.30	

CUSTOMER REPRESENTATIVE Clark Hullum

SIGNATURE



SANDRIDGE
THE POWER OF US

Actual BH Location
SandRidge Wells
Perf
Sections

Actual Bottom-Hole Location of William 1-11H
Barber County, Kansas
T&R: 35S 10W
Section: 11, 327' FSL & 705' FWL
Long: -98.380943, Lat: 37.007748

1 in = 818 ft

0 600 1,200 2,400 Feet

N

Draftsman: Matt White	Draft Date: 1/26/2012
Drawing Name/Number: Addendum_William_1-11H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

SHAMROCK GAS ANALYSIS

LABORATORY REFERENCE NUMBER : **F13564**

SANDRIDGE ENERGY, INC.

ID: **KS03R0008**
AREA: **NOT/REC**
METER: **WILLIAM 1-11H**
LEASE: **WILLIAM 1-11H**
OPERATOR: **SANDRIDGE**
STATION: **KS03R0008**
SAMPLE DATE: **1/16/2012**
SAMPLE OF: **GAS**

LINE PRESSURE: **39 PSI**
LINE TEMPERATURE: **86 F**
CYLINDER NUMBER: **8017**
EFFECTIVE DATE: **1/1/2012**
SAMPLED BY: **BJ**
ANALYZED BY: **BRENNAN**
ANALYZED DATE: **1/18/2012**
SAMPLE TYPE: **SPOT**

For: SANDRIDGE ENERGY, INC.
Attn: JULIE COSTELLO
123 ROBERT S. KERR AVENUE
OKLAHOMA CITY, OK 73102-6406

Physical Properties per GPA 2145-09 — Calculations per GPA 2172-09

Note: Zero = Less than detection limit

	MOL%	GPM @ 14.696
HYDROGEN SULFIDE	0.000	0.000
NITROGEN	2.077	0.228
CARBON DIOXIDE	0.167	0.028
METHANE	85.922	14.528
ETHANE	5.901	1.574
PROPANE	2.755	0.757
ISOBUTANE	0.403	0.132
N-BUTANE	1.031	0.324
ISOPENTANE	0.299	0.109
N-PENTANE	0.398	0.144
HEXANES PLUS	1.047	0.466
	100.000	18.290

BTU	Vol. Ideal Gas Fuel	Vol. Real Gas Fuel
BTU @ 14.65 PSIA (DRY)	1167.8	1171.4
BTU @ 14.65 PSIA (SAT.)	1147.4	1151.4
Specific Gravity	0.6826	0.6844
Compressibility (Z)	0.9969	

PREVIOUS BTU 12/13/2011	Vol. Ideal Gas Fuel	Vol. Real Gas Fuel
BTU @ 14.65 PSIA (DRY)	1169.3	1172.9
BTU @ 14.65 PSIA (SAT.)	1148.8	1152.8

Gasoline Content (Gallons Per Thousand - GPM)

Ethane & Heavier	3.506
Propane & Heavier	1.932
Butane & Heavier	1.175
Pentane & Heavier	0.719
Total 26 psi Reid V.P. Gasoline GPM	1.141

Secondary BTU Psia Base	Vol. IDEAL Gas Fuel	Vol. Real Gas Fuel
BTU @ 14.73 PSIA (DRY)	1174.2	1177.8
BTU @ 14.73 PSIA (SAT.)	1153.6	1157.7
Compressibility (Z) at 14.73 =	0.9969	

Remarks: Field H2S ppm = NONE DETECTED
Remarks: 47-36-17 HEXANES SPLIT AS PER K. HARPER 05/02/11

SANDRIDGE
THE POWER OF US™

Current

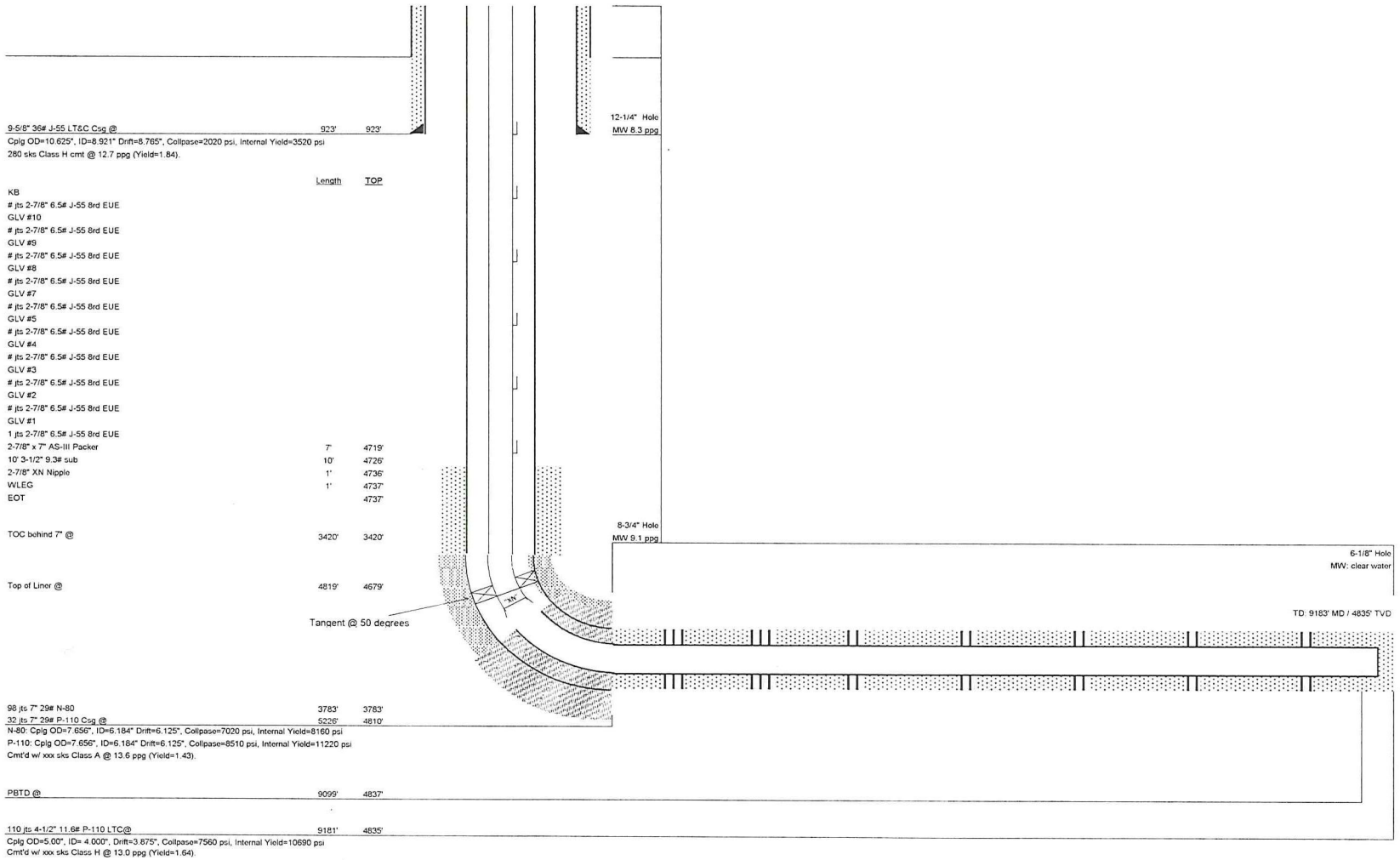
Spud: 10/2/2011

Field	Waldron West
County	Barber
State	Kansas
Well	**William 1-11H**
Location	SEC 11, TWP 35S, RGE 10W
KB	1323'
GL	1302'

Wellbore Schematic

1500-723-76801
API No.

Original Completion [ ]
Current [X]
Proposed [ ]



Well Bore Data	MD	TVD
9-5/8" 36# J-55 LT&C Csg @	923'	923'
Cplg OD=10.625", ID=8.921" Drift=8.765", Collpase=2020 psi, Internal Yield=3520 psi		
280 sks Class H cmt @ 12.7 ppg (Yield=1.84).		

	Length	TOP
KB		
# jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #10		
# jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #9		
# jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #8		
# jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #7		
# jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #5		
# jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #4		
# jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #3		
# jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #2		
# jts 2-7/8" 6.5# J-55 8rd EUE		
GLV #1		
1 jts 2-7/8" 6.5# J-55 8rd EUE		
2-7/8" x 7" AS-III Packer	7'	4719'
10' 3-1/2" 9.3# sub	10'	4726'
2-7/8" XN Nipple	1'	4736'
WLEG	1'	4737'
EOT		4737'
TOC behind 7" @	3420'	3420'
Top of Liner @	4819'	4679'
98 jts 7" 29# N-80	3783'	3783'
32 jts 7" 29# P-110 Csg @	5226'	4810'
N-80: Cplg OD=7.656", ID=6.184" Drift=6.125", Collpase=7020 psi, Internal Yield=8160 psi		
P-110: Cplg OD=7.656", ID=6.184" Drift=6.125", Collpase=8510 psi, Internal Yield=11220 psi		
Cmt'd w/ xxx sks Class A @ 13.6 ppg (Yield=1.43).		
PBTD @	9099'	4837'
110 jts 4-1/2" 11.6# P-110 LTC@	9181'	4835'
Cplg OD=5.00", ID= 4.000", Drift=3.875", Collpase=7560 psi, Internal Yield=10690 psi		
Cmt'd w/ xxx sks Class H @ 13.0 ppg (Yield=1.64).		

Jason McElvany
1/29/2012

Logo

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William 1-11H (1065576)

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Remarks

Tiffany Golay 01/23/012 09:44 am	Drilling Fluid Mgmt: No lease name or number; Triple C Soil Farming LLC is soil farming in a leased pasture.
Tiffany Golay 01/23/012 08:28 am	Drilling Fluid Mgmt: Soil Farmed