



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1098159  
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
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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: \_\_\_\_\_



1098159

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Minet 2629 1-33H
Doc ID	1098159

#### Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9276-9600	5485 bbls water, 51 bbls acid, 100M lbs sd, 5485 TLTR	
5	8886-9210	5621 bbls water, 36 bbls acid, 100M lbs sd, 11434 TLTR	
5	8443-8765	5431 bbls water, 36 bbls acid, 99M lbs sd, 16865 TLTR	
5	8048-8372	5308 bbls water, 36 bbls acid, 100M lbs sd, 22343 TLTR	
5	7663-7972	5198 bbls water, 36 bbls acid, 100M lbs sd, 27697 TLTR	
5	7266-7590	5211 bbls water, 36 bbls acid, 102M lbs sd, 33035 TLTR	
5	6860-7184	5485 bbls water, 36 bbls acid, 112M lbs sd, 38782 TLTR	
5	6448-6770	5268 bbls water, 36 bbls acid, 101M lbs sd, 45050 TLTR	
5	6083-6385	5281 bbls water, 36 bbls acid, 101M lbs sd, 50433 TLTR	
5	5668-5992	5232 bbls water, 36 bbls acid, 100M lbs sd, 55783 TLTR	

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Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	5240-5564	5670 bbls water, 36 bbls acid, 103M lbs sd, 61489 TLTR	



Form	ACO1 - Well Completion
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### Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Conductor	24	20	75	130	Pro Oilfield Services Cement	16	None
Surface	12.25	9.63	36	1575	Halliburton Extendacem and Swiftcem Systems	540	3% Calcium Chloride, .25 Poly-E-Flake
Intermediate	8.75	7	26	5499	Halliburton Econocem and Halcem Systems	300	.4% Halad(R)-9, 2lbm Kol-Seal, 2% Bentonite
Production	6.12	4.5	11.6	9737	Halliburton Econocem System	500	.4% Halad(R)-9, 2 lbm Kol-Seal, 2% Bentonite

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



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

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

December 26, 2012

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

Re: ACO1  
API 15-069-20391-01-00  
Minet 2629 1-33H  
SW/4 Sec.28-26S-29W  
Gray 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

# DIRECTIONAL SURVEY CALCULATION

## MINIMUM CURVATURE METHOD

Well Name		Target Direction		Slot Coordinate		N / S	E / W	Hole Size	Calculation by		Date
Minet 2629 1-33H		181.47									12/27/12
Job Number		Type of Survey		Tie-in Point				Directional Co.			
0											
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up °/100 ft	Walk/ °/100 ft	
						N + / S -	E + / W -				
0	0	0	0	0.00	0.00						<< TIE-IN POINT >>
250	0	218	250	250.00	0.53	-0.52	-0.40	0.12	0.12	87.08	
515	1	218	265	514.99	2.02	-1.98	-1.53	0.08	0.08	0.00	
761	1	218	246	760.98	4.27	-4.19	-3.24	0.12	0.12	0.00	
1006	1	218	245	1,005.95	7.38	-7.23	-5.59	0.08	0.08	0.00	
1253	1	218	247	1,252.91	10.85	-10.65	-8.23	0.00	0.00	0.00	
1645	1	218	392	1,644.84	16.65	-16.33	-12.62	0.03	0.03	0.00	
1834	1	213	189	1,833.80	19.80	-19.42	-14.81	0.07	0.05	-2.38	
2024	1	186	190	2,023.78	22.64	-22.24	-16.02	0.35	-0.26	-14.47	
2210	0	184	186	2,209.77	24.43	-24.02	-16.17	0.16	-0.16	-1.02	
2398	0	221	188	2,397.77	25.59	-25.17	-16.65	0.14	0.00	19.84	
2587	0	231	189	2,586.76	26.52	-26.08	-17.60	0.04	0.00	5.29	
2865	0	193	278	2,864.75	28.10	-27.64	-18.56	0.10	0.00	-13.88	
3147	1	168	282	3,146.75	30.27	-29.80	-18.52	0.08	0.04	-8.65	
3430	0	202	283	3,429.74	32.39	-31.92	-18.64	0.10	-0.04	12.12	
3714	0	247	284	3,713.73	33.72	-33.22	-19.94	0.11	0.00	15.85	
3997	0	290	283	3,996.73	33.81	-33.26	-21.78	0.10	0.00	15.05	
4089	1	278	92	4,088.72	33.67	-33.10	-22.48	0.15	0.11	-13.48	
4118	1	272	29	4,117.72	33.65	-33.08	-22.73	0.17	0.00	-18.97	
4150	1	207	32	4,149.72	33.95	-33.37	-23.02	3.41	2.19	-204.06	
4181	3	200	31	4,180.69	35.09	-34.50	-23.47	6.82	6.77	-22.26	
4212	6	195	31	4,211.60	37.41	-36.80	-24.15	7.53	7.42	-17.10	
4243	8	187	31	4,242.38	41.01	-40.38	-24.81	7.90	7.42	-23.55	
4274	10	182	31	4,272.99	45.90	-45.26	-25.18	8.18	7.74	-16.77	
4306	13	178	32	4,304.35	52.24	-51.61	-25.16	7.62	7.19	-12.81	
4338	15	176	32	4,335.45	59.74	-59.13	-24.77	6.39	6.25	-5.63	
4369	16	178	31	4,365.35	67.90	-67.29	-24.38	4.83	4.52	6.45	
4401	18	176	32	4,395.94	77.28	-76.69	-23.92	7.09	6.88	-5.94	
4432	21	175	31	4,425.13	87.65	-87.09	-23.15	9.42	9.35	-3.23	
4464	24	175	32	4,454.72	99.74	-99.21	-22.09	7.83	7.81	-1.56	
4495	26	174	31	4,482.91	112.55	-112.05	-20.86	6.50	6.45	-1.94	
4526	28	174	31	4,510.61	126.34	-125.89	-19.46	6.78	6.77	0.32	
4558	30	175	32	4,538.67	141.62	-141.21	-18.02	6.62	6.56	1.87	
4589	32	175	31	4,565.32	157.35	-156.98	-16.67	5.84	5.81	1.29	
4621	33	176	32	4,592.37	174.36	-174.02	-15.36	4.49	4.38	1.87	
4652	36	176	31	4,617.97	191.75	-191.45	-14.09	8.39	8.39	-0.32	
4684	38	176	32	4,643.61	210.81	-210.55	-12.79	7.27	7.19	1.87	
4716	40	177	32	4,668.52	230.83	-230.60	-11.58	6.28	6.25	0.94	
4748	42	178	32	4,692.72	251.70	-251.51	-10.53	6.16	5.94	2.50	
4777	44	179	29	4,713.96	271.40	-271.24	-9.86	8.01	7.59	3.79	
4808	47	180	31	4,735.79	293.39	-293.25	-9.52	8.38	8.06	3.23	
4840	50	179	32	4,757.17	317.17	-317.04	-9.25	9.76	9.69	-1.56	
4872	51	179	32	4,777.64	341.75	-341.64	-8.75	4.24	4.06	-1.56	
4903	51	179	31	4,797.21	365.76	-365.67	-8.21	0.60	-0.32	0.65	
4935	50	179	32	4,817.54	390.44	-390.37	-7.62	1.72	-1.56	-0.94	
4967	50	178	32	4,838.11	414.92	-414.88	-6.92	2.01	-1.87	-0.94	
4997	49	177	30	4,857.67	437.61	-437.60	-6.03	3.50	-2.67	-3.00	
5028	48	177	31	4,878.28	460.71	-460.74	-4.88	3.62	-3.55	-0.97	
5058	48	177	30	4,898.43	482.87	-482.93	-3.71	0.00	0.00	0.00	
5089	50	178	31	4,918.87	506.11	-506.21	-2.64	6.36	6.13	2.26	
5119	52	179	30	4,937.74	529.39	-529.51	-1.93	9.12	8.67	3.67	
5150	55	180	31	4,956.16	554.30	-554.44	-1.56	8.27	8.06	2.26	
5180	57	180	30	4,972.89	579.19	-579.34	-1.50	8.88	8.67	2.33	
5211	60	181	31	4,988.93	605.71	-605.87	-1.71	9.46	9.35	1.61	
5241	63	181	30	5,003.08	632.16	-632.31	-2.20	10.54	10.33	2.33	
5271	67	182	30	5,015.61	659.41	-659.55	-2.89	12.67	12.67	0.33	
5302	71	182	31	5,026.69	688.36	-688.49	-3.67	11.94	11.94	0.32	
5332	74	181	30	5,035.79	716.94	-717.06	-4.39	9.71	9.67	-1.00	



# DIRECTIONAL SURVEY CALCULATION

## MINIMUM CURVATURE METHOD

Well Name		Target Direction		Slot	N / S	E / W	Hole Size	Calculation by		Date
Minet 2629 1-33H		181.47		Coordinate						12/27/12
Job Number		Type of Survey		Tie-in Point				Directional Co.		
0										
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up %/100 ft	Walk/ %/100 ft
						N + / S -	E + / W -			
0	0	0	0	0.00	0.00			<< TIE-IN POINT >>		
5363	77	182	31	5,043.71	746.91	-747.02	-5.15	9.08	9.03	0.97
5393	80	182	30	5,049.79	776.28	-776.38	-6.00	11.34	11.33	0.33
5424	83	181	31	5,054.32	806.94	-807.04	-6.72	10.56	10.32	-2.26
5449	87	181	25	5,056.52	831.84	-831.93	-7.11	14.02	14.00	-0.80
5547	92	182	98	5,057.89	929.80	-929.87	-9.25	5.18	5.10	0.92
5577	92	182	30	5,056.94	959.78	-959.84	-10.24	1.49	0.67	1.33
5607	92	182	30	5,055.97	989.77	-989.81	-11.26	1.05	-0.33	-1.00
5638	92	182	31	5,055.05	1,020.75	-1,020.78	-12.21	0.72	-0.65	-0.32
5668	91	182	30	5,054.37	1,050.75	-1,050.76	-13.12	2.03	-2.00	0.33
5698	91	181	30	5,053.80	1,080.74	-1,080.74	-13.93	1.79	0.67	-1.67
5728	93	182	30	5,052.80	1,110.72	-1,110.71	-14.85	5.55	4.67	3.00
5758	93	182	30	5,051.31	1,140.68	-1,140.65	-15.97	1.70	1.67	-0.33
5788	93	182	30	5,049.66	1,170.64	-1,170.59	-16.92	2.02	0.33	-2.00
5819	93	182	31	5,047.88	1,201.58	-1,201.52	-17.89	2.04	0.65	1.94
5849	92	182	30	5,046.36	1,231.54	-1,231.46	-18.96	3.35	-3.33	-0.33
5878	92	182	29	5,045.17	1,260.52	-1,260.42	-20.02	0.77	-0.34	0.69
5909	93	182	31	5,043.82	1,291.49	-1,291.37	-21.21	1.29	1.29	0.00
5939	92	183	30	5,042.49	1,321.45	-1,321.31	-22.44	1.41	-1.00	1.00
5969	93	183	30	5,041.02	1,351.41	-1,351.24	-23.90	3.33	2.67	2.00
5999	92	183	30	5,039.61	1,381.36	-1,381.16	-25.58	3.40	-3.33	0.67
6029	91	184	30	5,038.69	1,411.33	-1,411.09	-27.38	3.16	-3.00	1.00
6058	89	184	29	5,038.59	1,440.30	-1,440.02	-29.40	8.07	-7.59	2.76
6088	89	184	30	5,039.22	1,470.25	-1,469.93	-31.68	2.03	-2.00	-0.33
6118	88	184	30	5,040.11	1,500.21	-1,499.83	-33.87	1.49	-1.33	-0.67
6149	88	185	31	5,041.14	1,531.15	-1,530.73	-36.20	1.29	0.00	1.29
6179	88	184	30	5,042.10	1,561.10	-1,560.62	-38.52	0.47	0.33	-0.33
6209	88	184	30	5,043.07	1,591.05	-1,590.52	-40.75	1.05	-0.33	-1.00
6239	88	184	30	5,044.09	1,621.00	-1,620.43	-42.86	0.47	-0.33	-0.33
6270	88	185	31	5,045.15	1,651.94	-1,651.32	-45.24	2.60	0.32	2.58
6300	88	184	30	5,046.06	1,681.88	-1,681.21	-47.62	1.94	1.00	-1.67
6330	88	184	30	5,046.93	1,711.83	-1,711.12	-49.87	0.33	-0.33	0.00
6361	88	184	31	5,047.82	1,742.78	-1,742.02	-52.19	0.32	0.32	0.00
6391	88	184	30	5,048.66	1,772.74	-1,771.93	-54.26	2.33	0.00	-2.33
6421	88	183	30	5,049.52	1,802.71	-1,801.87	-56.06	1.05	-0.33	-1.00
6451	89	183	30	5,050.33	1,832.69	-1,831.81	-57.79	1.00	1.00	0.00
6481	87	182	30	5,051.41	1,862.66	-1,861.75	-59.25	5.47	-4.33	-3.33
6512	87	182	31	5,052.95	1,893.62	-1,892.69	-60.41	1.37	-0.97	-0.97
6542	88	182	30	5,054.34	1,923.58	-1,922.64	-61.33	2.87	2.33	-1.67
6573	88	180	31	5,055.42	1,954.56	-1,953.62	-61.79	4.62	1.94	-4.19
6603	88	181	30	5,056.28	1,984.54	-1,983.61	-62.00	1.37	0.33	1.33
6634	89	180	31	5,056.90	2,015.53	-2,014.60	-62.24	3.06	2.90	-0.97
6664	89	180	30	5,057.24	2,045.52	-2,044.60	-62.35	0.75	0.33	-0.67
6694	90	180	30	5,057.51	2,075.51	-2,074.60	-62.37	0.75	0.67	-0.33
6725	90	180	31	5,057.75	2,106.50	-2,105.59	-62.45	1.02	-0.32	0.97
6755	90	180	30	5,057.96	2,136.49	-2,135.59	-62.50	1.49	0.67	-1.33
6785	90	180	30	5,058.12	2,166.48	-2,165.59	-62.45	0.00	0.00	0.00
6815	90	180	30	5,058.22	2,196.47	-2,195.59	-62.40	0.67	0.67	0.00
6845	90	180	30	5,058.17	2,226.46	-2,225.59	-62.45	1.89	1.33	1.33
6876	90	180	31	5,057.98	2,257.45	-2,256.59	-62.53	1.02	0.32	-0.97
6906	90	181	30	5,057.90	2,287.45	-2,286.59	-62.66	2.36	-1.67	1.67
6938	90	181	32	5,057.87	2,319.44	-2,318.59	-63.00	1.13	0.94	0.62
6970	91	181	32	5,057.68	2,351.44	-2,350.59	-63.45	1.13	0.94	0.63
7002	91	181	32	5,057.34	2,383.44	-2,382.58	-64.00	0.88	0.63	0.62
7034	91	181	32	5,056.95	2,415.43	-2,414.57	-64.51	1.25	0.00	-1.25
7065	90	180	31	5,056.71	2,446.43	-2,445.57	-64.81	1.88	-1.61	-0.97
7095	91	180	30	5,056.52	2,476.42	-2,475.57	-64.81	2.85	1.00	-2.67
7127	90	179	32	5,056.30	2,508.40	-2,507.57	-64.47	1.40	-0.63	-1.25



# DIRECTIONAL SURVEY CALCULATION

## MINIMUM CURVATURE METHOD

Well Name		Target Direction		Slot		N / S		E / W		Hole Size		Calculation by		Date	
Minet 2629 1-33H		181.47		Coordinate										12/27/12	
Job Number		Type of Survey		Tie-in Point								Directional Co.			
0															
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up °/100 ft	Walk/ °/100 ft					
						N + / S -	E + / W -								
0	0	0	0	0.00	0.00						<< TIE-IN POINT >>				
7159	91	179	32	5,056.08	2,540.37	-2,539.56	-64.00	0.70	0.63	-0.31					
7190	91	179	31	5,055.72	2,571.34	-2,570.56	-63.48	1.02	0.97	-0.32					
7222	91	179	32	5,055.33	2,603.30	-2,602.55	-62.81	1.40	-0.63	-1.25					
7254	91	179	32	5,054.97	2,635.26	-2,634.53	-62.00	0.44	0.31	-0.31					
7286	91	178	32	5,054.61	2,667.21	-2,666.52	-61.11	0.70	-0.31	-0.62					
7318	90	178	32	5,054.44	2,699.15	-2,698.50	-60.08	2.10	-1.87	-0.94					
7349	90	178	31	5,054.55	2,730.10	-2,729.48	-58.99	1.29	-1.29	0.00					
7381	90	178	32	5,054.55	2,762.04	-2,761.46	-57.82	2.58	2.50	-0.62					
7412	91	179	31	5,054.09	2,792.98	-2,792.44	-56.82	3.68	2.90	2.26					
7443	92	179	31	5,053.22	2,823.93	-2,823.42	-56.20	2.97	1.94	2.26					
7475	93	179	32	5,051.99	2,855.89	-2,855.40	-55.81	1.98	1.87	0.63					
7506	92	180	31	5,050.89	2,886.85	-2,886.38	-55.54	2.97	-2.90	0.65					
7538	92	180	32	5,049.99	2,918.82	-2,918.36	-55.40	0.94	0.00	0.94					
7570	92	180	32	5,049.02	2,950.80	-2,950.35	-55.40	1.13	0.94	0.62					
7601	90	179	31	5,048.45	2,981.77	-2,981.34	-55.21	6.20	-5.48	-2.90					
7633	90	180	32	5,048.47	3,013.75	-3,013.34	-54.93	2.44	-1.56	1.88					
7665	90	179	32	5,048.56	3,045.74	-3,045.34	-54.71	1.56	0.94	-1.25					
7697	90	179	32	5,048.59	3,077.72	-3,077.34	-54.37	0.31	-0.31	0.00					
7729	90	180	32	5,048.59	3,109.70	-3,109.33	-54.09	0.88	0.62	0.62					
7760	90	179	31	5,048.51	3,140.68	-3,140.33	-53.82	0.72	0.32	-0.65					
7791	90	181	31	5,048.37	3,171.67	-3,171.33	-54.04	6.46	0.32	6.45					
7823	90	183	32	5,048.34	3,203.67	-3,203.31	-55.21	4.65	-1.56	4.38					
7855	89	183	32	5,048.57	3,235.66	-3,235.27	-56.77	1.25	-1.25	0.00					
7887	89	183	32	5,048.90	3,267.65	-3,267.23	-58.34	0.00	0.00	0.00					
7918	90	183	31	5,049.12	3,298.64	-3,298.19	-59.80	1.44	1.29	-0.65					
7950	90	183	32	5,049.23	3,330.63	-3,330.16	-61.25	0.00	0.00	0.00					
7996	89	183	46	5,049.59	3,376.63	-3,376.11	-63.29	1.11	-1.09	-0.22					
8045	90	182	49	5,050.10	3,425.62	-3,425.07	-65.22	1.10	0.41	-1.02					
8092	90	182	47	5,050.43	3,472.61	-3,472.04	-66.94	0.60	0.43	0.43					
8140	89	182	48	5,050.85	3,520.61	-3,520.00	-68.74	0.86	-0.83	-0.21					
8187	89	181	47	5,051.55	3,567.60	-3,566.98	-70.18	1.62	-0.64	-1.49					
8235	89	182	48	5,052.22	3,615.60	-3,614.95	-71.64	1.68	0.83	1.46					
8282	89	182	47	5,052.79	3,662.59	-3,661.91	-73.40	0.48	-0.43	0.21					
8331	90	182	49	5,053.35	3,711.58	-3,710.88	-75.07	1.19	0.61	-1.02					
8377	90	183	46	5,053.51	3,757.58	-3,756.84	-76.92	2.92	1.30	2.61					
8426	91	183	49	5,053.25	3,806.56	-3,805.78	-79.35	0.84	0.82	-0.20					
8472	91	183	46	5,052.77	3,852.55	-3,851.73	-81.52	0.61	0.43	-0.43					
8521	91	182	49	5,052.09	3,901.54	-3,900.68	-83.57	0.91	0.41	-0.82					
8567	90	182	46	5,051.93	3,947.54	-3,946.65	-85.22	3.11	-3.04	-0.65					
8615	90	182	48	5,052.22	3,995.53	-3,994.62	-86.89	0.75	0.62	0.42					
8662	90	182	47	5,052.30	4,042.53	-4,041.58	-88.70	0.60	0.43	0.43					
8710	90	182	48	5,052.22	4,090.53	-4,089.55	-90.46	0.93	0.42	-0.83					
8757	91	182	47	5,051.77	4,137.52	-4,136.52	-92.06	1.50	1.49	0.21					
8805	91	182	48	5,050.84	4,185.51	-4,184.48	-93.86	1.04	0.83	0.63					
8834	91	182	29	5,050.26	4,214.50	-4,213.46	-94.87	2.31	-1.03	-2.07					
8880	91	181	46	5,049.34	4,260.49	-4,259.43	-96.11	0.92	0.65	-0.65					
8929	89	182	49	5,049.13	4,309.49	-4,308.40	-97.69	4.66	-4.29	1.84					
8975	89	182	46	5,049.97	4,355.47	-4,354.35	-99.58	1.11	-1.09	0.22					
9024	88	183	49	5,051.42	4,404.44	-4,403.29	-101.72	1.68	-1.63	0.41					
9071	88	183	47	5,053.19	4,451.40	-4,450.20	-103.89	0.30	-0.21	0.21					
9119	88	183	48	5,054.94	4,499.36	-4,498.12	-106.06	0.59	0.42	-0.42					
9166	88	183	47	5,056.42	4,546.33	-4,545.04	-108.32	1.36	0.85	1.06					
9214	89	182	48	5,057.72	4,594.30	-4,592.97	-110.54	1.47	0.21	-1.46					
9261	89	182	47	5,058.78	4,641.28	-4,639.92	-112.46	0.88	0.85	0.21					
9309	89	183	48	5,059.62	4,689.27	-4,687.87	-114.51	0.47	0.42	0.21					
9355	89	182	46	5,060.26	4,735.26	-4,733.83	-116.36	0.97	0.43	-0.87					
9404	90	183	49	5,060.65	4,784.25	-4,782.78	-118.45	1.76	1.02	1.43					







P.O. BOX 3860  
HOUMA, LA 70361-3860

Customer : SAN400

BILL TO : SANDRIDGE ENERGY  
123 ROBERT S KERR AVENUE  
OKLAHOMA CITY, OK 73102-6406  
PHONE: (405) 753-5500 FAX: ()

Division : 0701  
Delivery Ticket : 2780  
Delivery Date : 9/19/2012

Ordered By :  
Lease/Well : MINET 2639 1-33H  
Rig Name/Number : LARIATE 20  
AFE Number :  
Site Contact :

Qty	Description	Min / Standby / Usage Charge	Add Day	Unit Price	Start Date / Stop Date	Extended Line Total
1	MINET 2639 1-33H	\$27,250.00	\$0.00	\$27,250.00		\$27,250.00
120	DRILLED 30" CONDUCTOR HOLE	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
120	20" CONDUCTOR PIPE (.250 WALL)	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
1	6'X8' CELLAR TINHORN WITH PROTECTIVE RING	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
1	DRILL & INSTALL 6'X8' CELLAR TINHORN	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
75	DRILLED 20" MOUSE HOLE (PER FOOT)	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
75	16" CONDUCTOR PIPE (.375 WALL)	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
1	MOBILIZATION OF EQUIPMENT & ROAD PERMITTING FEE	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
1	WELDING SERVICES FOR PIPE & LIDS	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
1	PROVIDED EQUIPMENT & LABOR FOR DIRT REMOVAL	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
1	PROVIDED PERSONAL TO FACILITATE DIGGTESS (ONE CALL)	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
1	PROVIDED METAL LIDS (1 FOR CONDUCTOR & 2 FOR THE MOUSEHOLE PIPE)	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
16	CEMENT	\$0.00	\$0.00	\$0.00	9/19/2012 9/19/2012	
Sub Total:		\$27,250.00	\$0.00			\$27,250.00

AFE Number: 850-010  
Well Name: Minet 2639 1-33 H  
Code: 850-010  
Amount: 27,250.00  
Co. Man: John Fortune  
Co. Man Sig: [Signature]  
Notes: \_\_\_\_\_

John Fortune  
Print Name  
[Signature]  
Signature

# HALLIBURTON

# Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2955640	Quote #:	Sales Order #: 9868459
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Smith, Pat	
Well Name: Minet 2629	Well #: 1-33H	API/UWI #: 15-069-20391	
Field:	City (SAP): INGALLS	County/Parish: Ford	State: Kansas
Legal Description: Section 28 Township 26S Range 29W			
Contractor: LARIAT		Rig/Platform Name/Num: 20	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: WADE, STEPHEN	MBU ID Emp #: 490458

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
ARELLANO, JOSE L	12.0	480847	CLEMENS, ANTHONY Jason	7.0	198516	PEREZ, JOSE R	12.0	518945
SAMANIEGO, REGGIE	12.0	483782	WADE, STEPHEN Bruce	12.0	490458			

### Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
11138994	75 mile	11149169	75 mile	11804860	75 mile		

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
10/5/2012	12	4						
TOTAL			Total is the sum of each column separately					

### Job

### Job Times

Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	04 - Oct - 2012	21:00	CST
Form Type			BHST	On Location	05 - Oct - 2012	03:30	CST
Job depth MD	1580. ft		Job Depth TVD	Job Started	05 - Oct - 2012	12:57	CST
Water Depth			Wk Ht Above Floor	Job Completed	05 - Oct - 2012	14:14	CST
Perforation Depth (MD)	From		To	Departed Loc	05 - Oct - 2012	15:30	CST

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
12.25" Open Hole				12.25					1250.		
12.25" Open Hole- Lower				12.25				1250.	1550.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55		1550.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

### Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

### Fluid Data

Stage/Plug #: 1



# HALLIBURTON

## Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Fresh Water		10.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	EXTENDACEM (TM) SYSTEM (452981)	360.0	sacks	12.4	2.12	11.68		11.68
	3 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.25 lbm	POLY-E-FLAKE (101216940)							
	11.676 Gal	FRESH WATER							
3	Tail Cement	SWIFTCEM (TM) SYSTEM (452990)	180.0	sacks	15.6	1.2	5.32		5.32
	2 %	CALCIUM CHLORIDE, PELLET, 50 LB (101509387)							
	0.125 lbm	POLY-E-FLAKE (101216940)							
	5.319 Gal	FRESH WATER							
4	Displacement		117.00	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	118	Shut In: Instant		Lost Returns	0	Cement Slurry	174	Pad	
Top Of Cement	SURFACE	5 Min		Cement Returns	42 BBLs	Actual Displacement	118	Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
<b>Rates</b>									
Circulating	5	Mixing	5	Displacement	5	Avg. Job	5		
Cement Left In Pipe	Amount	45.61 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2955640	Quote #:	Sales Order #: 9883703
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Smith, Pat	
Well Name: Minet 2629	Well #: 1-33H	API/UWI #: 15-069-20391	
Field:	City (SAP): INGALLS	County/Parish: Ford	State: Kansas
Legal Description: Section 28 Township 26S Range 29W			
Contractor: Lariat		Rig/Platform Name/Num: 20	
Job Purpose: Cement Intermediate Casing			
Well Type: Development Well		Job Type: Cement Intermediate Casing	
Sales Person: NGUYEN, VINH		Srvc Supervisor: RODRIGUEZ, EDGAR MBU ID Emp #: 442125	

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
MALONE, CARNELL	8	525294	RODRIGUEZ, EDGAR Alejandro	8	442125	TORRES, CLEMENTE	8	344233

### Equipment

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

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
10/11/2012	1	1	10/12/2012	11	2			

TOTAL Total is the sum of each column separately

Job				Job Times			
Formation Name	Formation Depth (MD)	Form Type	Job depth MD	Date	Time	Time Zone	
	Top Bottom	BHST	5505. ft	11 - Oct - 2012	20:00	CST	Called Out
			Job Depth TVD 5499. ft	11 - Oct - 2012	23:00	CST	On Location
			Wk Ht Above Floor 5. ft	12 - Oct - 2012	09:18	CST	Job Started
				12 - Oct - 2012	10:25	CST	Job Completed
	From To			12 - Oct - 2012	11:55	CST	Departed Loc

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
8.75" Open Hole				8.75				1550.	5447.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5447.		
9.625" Surface Casing	Unknown		9.625	8.921	36.	LTC	J-55	.	1550.		

### Sales/Rental/3<sup>rd</sup> Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 7, HWE, 5.66 MIN/6.54 MAX CS	1	EA		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	7	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	7	1	HES
Stage Tool										Centralizers			

### Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

### Fluid Data

Stage/Plug #: 1
-----------------



# HALLIBURTON

## Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Spacer		30.00	bbl	8.33	.0	.0	.0	
2	Lead Cement	ECONOCEM (TM) SYSTEM (452992)	200.0	sacks	13.6	1.54	7.36		7.36
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, 50 LB BAG (100064232)							
	2 %	BENTONITE, BULK (100003682)							
	7.356 Gal	FRESH WATER							
3	Tail Cement	HALCEM (TM) SYSTEM (452986)	100.0	sacks	15.6	1.18	5.2		5.2
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	5.197 Gal	FRESH WATER							
4	Displacement		207.00	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	207	Shut In: Instant		Lost Returns		Cement Slurry	76	Pad	
Top Of Cement	2788.63	5 Min		Cement Returns		Actual Displacement	207	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	313
<b>Rates</b>									
Circulating	5	Mixing	5	Displacement	6	Avg. Job	5		
Cement Left In Pipe	Amount	89.88 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					

The Road to Excellence Starts with Safety

Sold To #: 305021	Ship To #: 2955640	Quote #:	Sales Order #: 9898196
Customer: SANDRIDGE ENERGY INC EBUSINESS		Customer Rep: Garza, Luis	
Well Name: Minet 2629	Well #: 1-33H	API/UWI #: 15-069-20391	
Field:	City (SAP): INGALLS	County/Parish: Ford	State: Kansas
Legal Description: Section 28 Township 26S Range 29W			
Contractor: Lariat		Rig/Platform Name/Num: 20	
Job Purpose: Cement Production Liner			
Well Type: Development Well		Job Type: Cement Production Liner	
Sales Person: NGUYEN, VINH		Srvc Supervisor: RODRIGUEZ, EDGAR MBU ID Emp #: 442125	

### Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
GARCIA, ADAM	9.5	531492	JOURNAGAN, MICHAEL	9.5	524224	RODRIGUEZ, EDGAR Alejandro	9.5	442125
TORRES, CLEMENTE	9.5	344233						

### Equipment

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

### Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
10/20/2012	7	1.5	10/21/2012	2.5	1.5			
<b>TOTAL</b>			<i>Total is the sum of each column separately</i>					

Job				Job Times			
Formation Name	Formation Depth (MD)	Top	Bottom	Called Out	Date	Time	Time Zone
				On Location	20 - Oct - 2012	09:00	CST
Form Type			BHST	On Location	20 - Oct - 2012	12:00	CST
Job depth MD	9737. ft		Job Depth TVD	5050. ft	Job Started	20 - Oct - 2012	23:34
Water Depth			Wk Ht Above Floor	18. ft	Job Completed	21 - Oct - 2012	00:51
Perforation Depth (MD)	From		To		Departed Loc	21 - Oct - 2012	02:30

### Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft
6.125" Open Hole				6.125				5499.	9756.		
4.5" Production Liner	Unknown		4.5	4.	11.6	LTC	N-80	5058.	9775.		
7" Intermediate Casing	Unknown		7.	6.276	26.	LTC	P-110	.	5499.		
4" Drill Pipe	Unknown		4.	3.34	14.	Unknown		.	5058.		

### Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug			
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container			
Stage Tool										Centralizers			

### Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

### Fluid Data

Stage/Plug #: 1
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# HALLIBURTON

## Cementing Job Summary

Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Rig Supplied Gel Spacer		30.00	bbl	8.3	.0	.0	.0	
2	Primary Cement	ECONOCEM (TM) SYSTEM (452992)	500.0	sacks	13.6	1.54	7.36		7.36
	0.4 %	HALAD(R)-9, 50 LB (100001617)							
	2 lbm	KOL-SEAL, BULK (100064233)							
	2 %	BENTONITE, BULK (100003682)							
	7.356 Gal	FRESH WATER							
3	Displacement (TBC)		118.00	bbl	8.33	.0	.0	.0	
<b>Calculated Values</b>		<b>Pressures</b>			<b>Volumes</b>				
Displacement	118	Shut In: Instant		Lost Returns		Cement Slurry	137	Pad	
Top Of Cement	2537	5 Min		Cement Returns		Actual Displacement	118	Treatment	
Frac Gradient		15 Min		Spacers	30	Load and Breakdown		Total Job	285
<b>Rates</b>									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	88.35 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
<b>The Information Stated Herein Is Correct</b>				Customer Representative Signature					



Section 29  
26S 29W

TOEWS 2629 1-28H MINET 2629 1-33H



Section 28  
26S 29W

Miss Entry: 5158'  
-100.50449 37.750568  
\* TAMMY LANNETTE SWD 2629 1-33

Top Perf: 5240'  
-100.50449 37.750354

Section 32  
26S 29W

Section 33  
26S 29W

Bottom Perf: 9276'  
-100.50457 37.739344

BHL: 9755'  
-100.5046 37.737987  
582' FWL 334' FSL

Section 5  
27S 29W

Section 4  
27S 29W



Actual Bottom-Hole Location of Minet 2629 1-33H  
Gray County, Kansas  
T&R: 26S 29W  
Section: 32, 582' FWL & 334' FSL  
Long/Lat: -100.5046 37.737987  
1 in = 667 ft

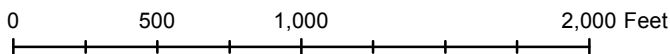


● Actual BH Location

\* SandRidge Wells

□ Sections

----- Perf



Draftsman:

Aaron Birk

Draft Date: 1/10/2013

Drawing Name/Number:

Addendum\_Miniet\_1-33H .mxd

Coordinate System:

NAD 1927 State Plane  
Kansas South FIPS: 1502

Tiffany Golay  
01/10/013 09:56 Fluid Management Info: Weinett Disposal LLC NW/4 Section 1079  
am Block 43, Lipscomb, TX

Tiffany Golay  
01/07/013 07:47 Conductor weight= 94 lbs/ft  
am