



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1194988  
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: \_\_\_\_\_

1194988

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](mailto: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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  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: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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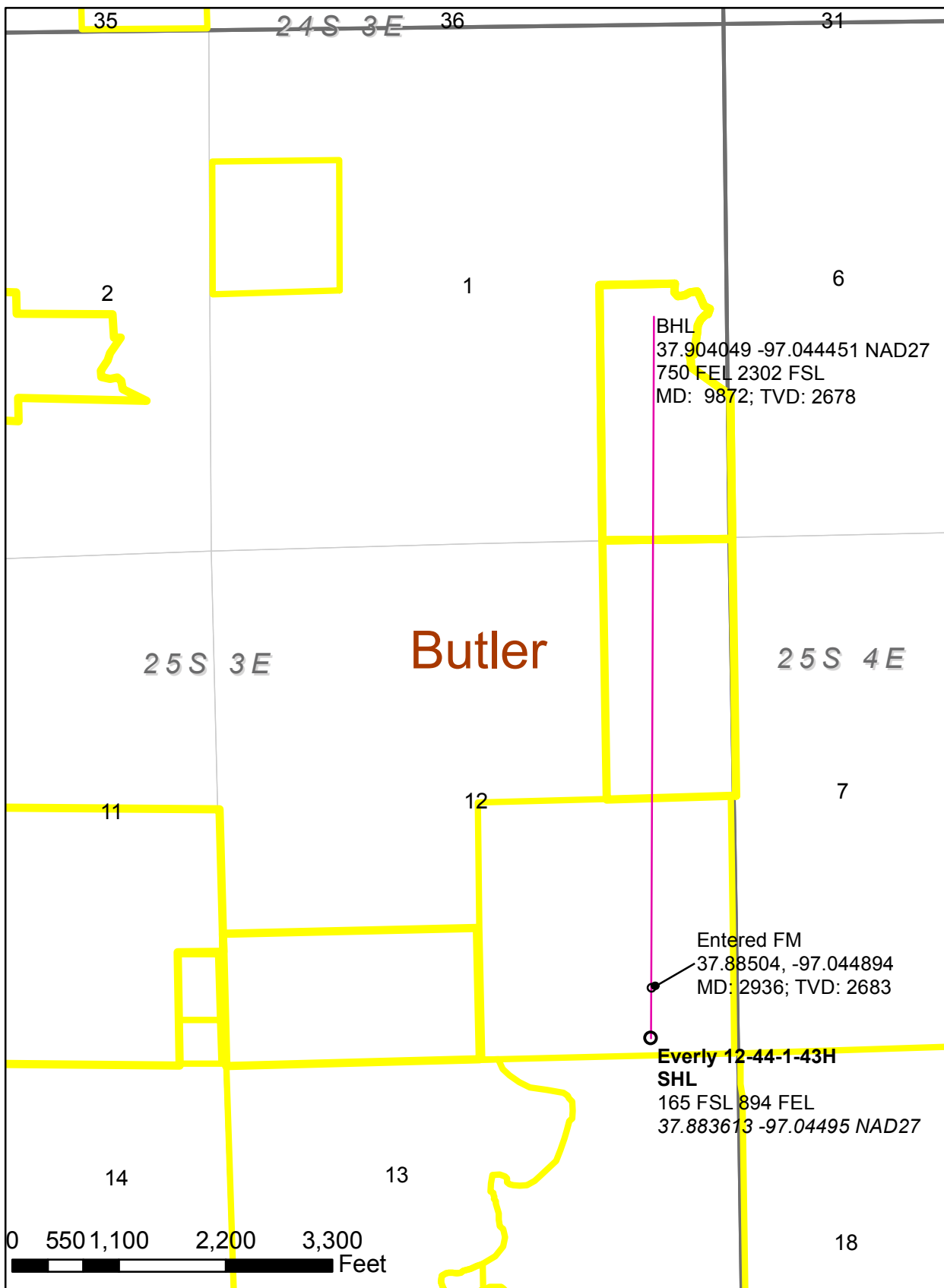
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
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Estimated Production Per 24 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> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# Source Energy MidCon, LLC Horiz Completion (NAD27) Everly 12-44-1-43H



# ALLIED OIL & GAS SERVICES, LLC 062630

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:

Met Road K

DATE <u>1-6-13</u>	SEC. <u>12</u>	TWP. <u>25</u>	RANGE <u>3</u>	CALLED OUT <u>1:00 AM</u>	ON LOCATION <u>7:00 AM</u>	JOB START <u>11:45 PM</u>	JOB FINISH <u>12:45 AM</u>
LEASE <u>Ev only</u> WELL# <u>12-44-1-43H</u>				LOCATION <u>T-35 = 196 Jct E to Austin rd</u>		COUNTY <u>Brewster</u>	STATE <u>K</u>
OLD OR <u>NEW</u> (Circle one)				S to 30 rd, E to Santa Fe rd <u>Unit</u>			

CONTRACTOR <u>Nabors 113</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Protonmedits</u>	
HOLE SIZE <u>8 3/4</u>	T.D. <u>3087'</u>
CASING SIZE <u>7"</u>	DEPTH <u>3072.38</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1570</u>	MINIMUM <u>980</u>
MEAS. LINE	SHOE JOINT <u>46.84'</u>
CEMENT LEFT IN CSG. <u>416.84</u>	
PERFS.	
DISPLACEMENT <u>118.47</u>	

EQUIPMENT			
PUMP TRUCK # <u>597</u>	CEMENTER <u>Terry Dickson</u>		
	HELPER <u>Kevin Gaddy</u>		
BULK TRUCK # <u>599</u>	DRIVER <u>C.J. Givens</u>		
BULK TRUCK #	DRIVER <u>Kevin Weighman</u>		
		CEMENT	
		AMOUNT ORDERED <u>230 cu class A, 0.6% Flu</u>	
		<u>0.15% SAYS, 3% salt, 5# Silicates per sack</u>	
		<u>Soogal DV 1100</u>	
		COMMON <u>230</u>	@ <u>17.90</u> <u>4117.00</u>
		POZMIX	@
		GEL	@
		CHLORIDE	@
		ASC	@
		Fl-160 <u>128</u>	@ <u>18.80</u> <u>2419.20</u>
		SAYS <u>22</u>	@ <u>3.47</u> <u>76.34</u>
		Salt <u>7</u>	@ <u>26.35</u> <u>184.45</u>
		Silicates <u>1150</u>	@ <u>.98</u> <u>1127.00</u>
		DV 1100 <u>500</u>	@ <u>58.70</u> <u>2935.00</u>
		HANDLING <u>206.01</u>	@ <u>2.48</u> <u>659.70</u>
		MILEAGE <u>471.62</u>	@ <u>2.160</u> <u>1018.21</u>
			TOTAL <u>10,514.30</u>

REMARKS:  
Run 3072.38 of 7" Reg. Parale Circulation  
Circulated in Presline test line - 2000'  
Pumped 12 bbls DV 1100, 3 bbls #20. Mixed  
head cement @ 19.4%, Mixed Tail cement  
@ 15.7%. Washed line clean. Released Plug.  
Displaced Plug with #20 Landed Plug @ 1570'  
Released and float Hold.

SERVICE	
DEPTH OF JOB	<u>3072'</u>
PUMP TRUCK CHARGE	<u>2558.25</u>
EXTRA FOOTAGE	@
MILEAGE <u>40</u>	@ <u>7.70</u> <u>308.00</u>
<u>Wait Time 11 hrs</u>	@ <u>440.00</u> <u>4840.00</u>
<u>Head Rent</u>	@ <u>275.00</u> <u>275.00</u>
<u>LVM 40</u>	@ <u>4.40</u> <u>176.00</u>
	TOTAL <u>8157.25</u>

CHARGE TO: Source Energy  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT	
<u>Sumasal Float Stop</u>	<u>712.53</u> <u>712.53</u>
<u>Sumasal Float Collar</u>	@ <u>886.86</u> <u>886.86</u>
<u>2- Spiral Centralizers</u>	@ <u>158.12</u> <u>316.24</u>
<u>15- Centralizers</u>	@ <u>65.51</u> <u>982.65</u>
<u>Packer Plug</u>	@ <u>99.45</u> <u>99.45</u>
<u>2- Thread Lock</u>	@ <u>83.07</u> <u>166.14</u>
	TOTAL <u>3164.02</u>

To: Allied Oil & Gas Services, LLC 12-44-1-43H  
You are hereby requested to furnish cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent 10/20/13 contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.  
SUPERVISOR [Signature]

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES \$ 21,836.07  
DISCOUNT \$ 5238.17 IF PAID IN 30 DAYS  
\$ 16,607.90

PRINTED NAME X D J Moore  
SIGNATURE X [Signature]





# Precision

## Survey Report

<b>Client</b>	Source Energy	<b>MWD Operator</b>	K Greene / C.Chaput
<b>Well Name</b>	Everly 12-44-1-43H	<b>Rig Name</b>	Nabors 113
<b>Location</b>	Butler County, KS	<b>End Date</b>	<b>1/16/2014</b>
<b>Start Date</b>	1/2/2014	<b>Proposed Direction</b>	0.4
		<b>Total Correction</b>	<b>3.74</b>

<b>SUR NUM</b>	<b>MD ft</b>	<b>INC °</b>	<b>AZM °</b>	<b>TVD ft</b>	<b>N-S ft</b>	<b>E-W ft</b>	<b>SECT ft</b>	<b>DLS °/100'</b>
<b>TIE IN</b>	0	0.00	0.00	0.00	0.00	0.00	0.00	0.0
1	418	0.1	82.8	418.00	0.05	0.36	0.05	0.0
2	510	0.2	120.6	510.00	-0.03	0.58	-0.02	0.1
3	602	0.1	169.0	602.00	-0.19	0.73	-0.18	0.2
4	694	0.1	100.2	694.00	-0.28	0.83	-0.27	0.1
5	787	0.1	281.8	787.00	-0.28	0.83	-0.27	0.2
6	879	0.1	233.3	879.00	-0.31	0.69	-0.30	0.1
7	971	0.1	295.5	971.00	-0.32	0.55	-0.32	0.1
8	1063	0.1	80.9	1063.00	-0.28	0.56	-0.27	0.2
9	1156	0.2	108.0	1156.00	-0.31	0.79	-0.31	0.1
10	1248	0.1	93.6	1248.00	-0.37	1.02	-0.36	0.1
11	1339	0.2	106.0	1339.00	-0.42	1.25	-0.41	0.1
12	1430	0.1	173.9	1430.00	-0.54	1.42	-0.53	0.2
13	1521	0.2	113.3	1521.00	-0.68	1.57	-0.67	0.2
14	1613	0.3	119.4	1613.00	-0.86	1.93	-0.85	0.1
15	1704	0.3	154.9	1704.00	-1.19	2.24	-1.18	0.2
16	1795	0.4	115.5	1794.99	-1.55	2.62	-1.53	0.3
17	1886	0.4	142.6	1885.99	-1.94	3.10	-1.91	0.2
18	1982	0.7	139.4	1981.99	-2.65	3.69	-2.62	0.3
19	2046	0.8	131.7	2045.98	-3.24	4.28	-3.21	0.2
20	2077	0.7	98.7	2076.98	-3.41	4.63	-3.38	1.4
21	2109	2.7	8.1	2108.97	-2.70	4.92	-2.66	8.7
22	2141	6.1	359.5	2140.87	-0.25	5.02	-0.21	10.8
23	2172	9.6	356.5	2171.57	3.98	4.84	4.01	11.4
24	2205	13.1	355.3	2203.92	10.45	4.37	10.49	10.6
25	2236	16.4	357.9	2233.90	18.33	3.92	18.36	10.9



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26	2268	19.3	359.5	2264.35	28.14	3.71	28.16	9.2
27	2300	23.0	0.6	2294.19	39.68	3.73	39.71	11.6
28	2332	26.2	1.8	2323.28	52.99	4.02	53.02	10.1
29	2363	29.2	2.2	2350.73	67.39	4.52	67.43	9.7
30	2395	32.2	2.7	2378.24	83.71	5.22	83.75	9.4
31	2427	34.2	2.3	2405.02	101.22	5.99	101.26	6.3
32	2458	36.1	0.2	2430.36	119.06	6.37	119.10	7.3
33	2490	39.2	358.3	2455.70	138.60	6.10	138.64	10.3
34	2522	42.3	356.4	2479.94	159.46	5.12	159.49	10.4
35	2554	45.2	356.0	2503.05	181.54	3.65	181.56	9.1
36	2585	48.3	356.2	2524.29	204.06	2.12	204.07	10.0
37	2617	51.5	357.4	2544.90	228.50	0.76	228.50	10.4
38	2649	53.8	359.5	2564.31	253.92	0.08	253.92	8.9
39	2680	56.5	0.4	2582.02	279.36	0.06	279.35	9.0
40	2712	59.9	0.0	2598.88	306.55	0.15	306.54	10.7
41	2743	64.0	0.4	2613.46	333.90	0.25	333.90	13.3
42	2775	67.3	2.2	2626.65	363.04	0.92	363.04	11.5
43	2806	68.1	2.2	2638.42	391.70	2.02	391.71	2.6
44	2838	68.4	2.2	2650.27	421.40	3.16	421.42	0.9
45	2870	68.5	1.8	2662.03	451.15	4.20	451.17	1.2
46	2901	71.1	2.7	2672.73	480.22	5.34	480.24	8.8
47	2933	74.0	3.6	2682.33	510.69	7.02	510.73	9.5
48	2965	78.3	3.4	2689.98	541.70	8.92	541.75	13.5
49	2997	82.5	2.9	2695.32	573.20	10.65	573.26	13.2
50	3028	86.4	2.5	2698.32	604.01	12.10	604.09	12.6
51	3177	88.6	359.0	2704.82	752.82	14.05	752.91	2.8





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52	3269	89.8	359.3	2706.10	844.80	12.68	844.88	1.3
53	3361	90.0	359.5	2706.26	936.80	11.72	936.86	0.3
54	3453	90.9	358.3	2705.54	1028.78	9.95	1028.82	1.6
55	3546	91.8	358.6	2703.35	1121.71	7.44	1121.74	1.0
56	3638	90.9	356.8	2701.18	1213.61	3.75	1213.60	2.2
57	3730	90.3	358.8	2700.22	1305.53	0.22	1305.50	2.3
58	3822	90.4	358.1	2699.66	1397.50	-2.27	1397.44	0.8
59	3914	90.8	0.7	2698.69	1489.48	-3.24	1489.41	2.9
60	4007	90.0	359.8	2698.04	1582.47	-2.83	1582.40	1.3
61	4098	90.8	2.6	2697.41	1673.44	-0.92	1673.38	3.2
62	4189	91.1	4.4	2695.90	1764.26	4.63	1764.24	2.0
63	4280	88.5	4.1	2696.22	1855.00	11.37	1855.03	2.9
64	4372	87.3	2.8	2699.59	1946.76	16.91	1946.84	1.9
65	4463	86.2	4.6	2704.75	2037.42	22.77	2037.54	2.3
66	4554	85.4	3.2	2711.41	2127.97	28.94	2128.13	1.8
67	4615	85.1	2.8	2716.46	2188.67	32.12	2188.86	0.8
68	4645	86.5	1.8	2718.66	2218.57	33.32	2218.76	5.7
69	4678	87.9	0.7	2720.27	2251.52	34.04	2251.71	5.4
70	4709	88.3	1.9	2721.30	2282.49	34.74	2282.69	4.1
71	4741	87.8	1.6	2722.39	2314.46	35.72	2314.67	1.8
72	4773	88.5	1.8	2723.42	2346.43	36.67	2346.64	2.3
73	4805	90.7	1.8	2723.65	2378.41	37.68	2378.63	6.9
74	4837	92.1	0.9	2722.86	2410.39	38.43	2410.61	5.2
75	4868	92.0	0.4	2721.76	2441.37	38.78	2441.59	1.6
76	4900	91.6	0.4	2720.75	2473.35	39.00	2473.58	1.3
77	4931	91.5	0.0	2719.91	2504.34	39.11	2504.57	1.3



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78	4963	91.6	0.2	2719.05	2536.33	39.17	2536.55	0.7
79	4995	91.2	359.7	2718.26	2568.32	39.14	2568.54	2.0
80	5027	90.6	359.5	2717.76	2600.31	38.92	2600.54	2.0
81	5059	90.7	359.1	2717.40	2632.31	38.53	2632.53	1.3
82	5091	91.6	358.6	2716.76	2664.30	37.88	2664.51	3.2
83	5123	92.0	359.0	2715.75	2696.27	37.21	2696.48	1.8
84	5155	91.9	359.1	2714.66	2728.25	36.68	2728.45	0.4
85	5186	92.7	359.5	2713.42	2759.22	36.30	2759.42	2.9
86	5217	93.4	359.8	2711.77	2790.18	36.12	2790.37	2.5
87	5249	92.5	0.0	2710.12	2822.13	36.06	2822.33	2.9
88	5281	91.5	0.5	2709.01	2854.11	36.20	2854.31	3.5
89	5312	90.7	0.5	2708.41	2885.11	36.47	2885.30	2.6
90	5404	90.1	3.9	2707.77	2977.02	40.00	2977.24	3.8
91	5465	89.3	3.6	2708.09	3037.89	43.99	3038.14	1.4
92	5557	90.3	1.6	2708.41	3129.79	48.16	3130.07	2.4
93	5650	88.7	358.5	2709.22	3222.77	48.25	3223.05	3.8
94	5742	90.7	358.6	2709.70	3314.74	45.92	3314.99	2.2
95	5834	89.6	358.3	2709.46	3406.70	43.43	3406.93	1.2
96	5926	88.8	357.2	2710.75	3498.62	39.82	3498.82	1.5
97	6019	88.9	356.7	2712.61	3591.47	34.87	3591.63	0.5
98	6111	89.9	357.2	2713.58	3683.33	29.98	3683.45	1.2
99	6203	90.7	356.4	2713.09	3775.19	24.84	3775.27	1.2
100	6295	90.7	355.8	2711.97	3866.97	18.58	3866.99	0.7
101	6387	91.6	357.8	2710.12	3958.80	13.45	3958.78	2.4
102	6479	92.6	0.2	2706.75	4050.71	11.84	4050.69	2.8
103	6570	93.1	1.6	2702.23	4141.59	13.27	4141.57	1.6



# Precision

## Survey Report

<b>Client</b>	Source Energy	<b>MWD Operator</b>	K Greene / C.Chaput
<b>Well Name</b>	Everly 12-44-1-43H	<b>Rig Name</b>	Nabors 113
<b>Location</b>	Butler County, KS	<b>End Date</b>	<b>1/16/2014</b>
<b>Start Date</b>	1/2/2014	<b>Proposed Direction</b>	0.4
		<b>Total Correction</b>	<b>3.74</b>

<b>SUR NUM</b>	<b>MD ft</b>	<b>INC °</b>	<b>AZM °</b>	<b>TVD ft</b>	<b>N-S ft</b>	<b>E-W ft</b>	<b>SECT ft</b>	<b>DLS °/100'</b>
104	6661	89.5	2.5	2700.16	4232.49	16.53	4232.49	4.1
105	6753	88.6	2.2	2701.69	4324.40	20.30	4324.43	1.0
106	6844	88.8	2.5	2703.75	4415.30	24.03	4415.35	0.4
107	6934	89.2	3.0	2705.32	4505.18	28.34	4505.27	0.7
108	7026	89.0	359.7	2706.77	4597.13	30.51	4597.23	3.6
109	7121	89.7	359.9	2707.85	4692.12	30.18	4692.22	0.8
110	7215	90.8	1.5	2707.44	4786.11	31.33	4786.21	2.1
111	7310	90.3	0.6	2706.52	4881.09	33.07	4881.20	1.1
112	7406	91.7	0.2	2704.85	4977.07	33.74	4977.18	1.5
113	7501	91.7	359.2	2702.03	5072.03	33.24	5072.13	1.1
114	7596	90.1	359.2	2700.54	5167.00	31.92	5167.10	1.7
115	7690	89.6	357.6	2700.78	5260.96	29.29	5261.03	1.8
116	7786	88.7	357.2	2702.21	5356.85	24.94	5356.89	1.0
117	7882	90.1	359.3	2703.21	5452.79	22.01	5452.80	2.6
118	7977	90.2	359.3	2702.97	5547.79	20.85	5547.78	0.1
119	8071	90.5	0.4	2702.39	5641.78	20.60	5641.77	1.2
120	8166	90.3	0.8	2701.73	5736.77	21.59	5736.77	0.5
121	8261	88.2	0.8	2702.97	5831.75	22.92	5831.76	2.2
122	8356	88.5	1.3	2705.71	5926.70	24.66	5926.71	0.6
123	8451	90.9	0.8	2706.20	6021.67	26.40	6021.70	2.6
124	8546	90.6	0.8	2704.96	6116.65	27.73	6116.69	0.3
125	8641	91.9	1.8	2702.89	6211.60	29.88	6211.65	1.7
126	8804	91.2	0.8	2698.48	6374.50	33.58	6374.57	0.7
127	8896	92.2	0.4	2695.75	6466.45	34.54	6466.53	1.2
128	8988	92.1	0.2	2692.30	6558.39	35.02	6558.46	0.2
129	9080	92.5	2.0	2688.61	6650.29	36.79	6650.38	2.0



# Precision

## Survey Report

<b>Client</b>	Source Energy	<b>MWD Operator</b>	K Greene / C.Chaput
<b>Well Name</b>	Everly 12-44-1-43H	<b>Rig Name</b>	Nabors 113
<b>Location</b>	Butler County, KS	<b>End Date</b>	<b>1/16/2014</b>
<b>Start Date</b>	1/2/2014	<b>Proposed Direction</b>	0.4
		<b>Total Correction</b>	<b>3.74</b>

<b>SUR NUM</b>	<b>MD ft</b>	<b>INC °</b>	<b>AZM °</b>	<b>TVD ft</b>	<b>N-S ft</b>	<b>E-W ft</b>	<b>SECT ft</b>	<b>DLS °/100'</b>
130	9173	92.3	2.7	2684.71	6743.13	40.60	6743.24	0.8
131	9265	90.7	0.6	2682.30	6835.05	43.24	6835.18	2.9
132	9356	90.8	359.9	2681.11	6926.04	43.64	6926.18	0.8
133	9447	90.6	359.3	2680.00	7017.03	43.01	7017.16	0.7
134	9538	90.5	358.8	2679.13	7108.02	41.50	7108.13	0.6
135	9630	90.5	357.6	2678.32	7199.97	38.61	7200.05	1.3
136	9721	90.2	357.4	2677.77	7290.88	34.64	7290.93	0.4
137	9812	90.0	357.2	2677.61	7381.78	30.35	7381.79	0.3
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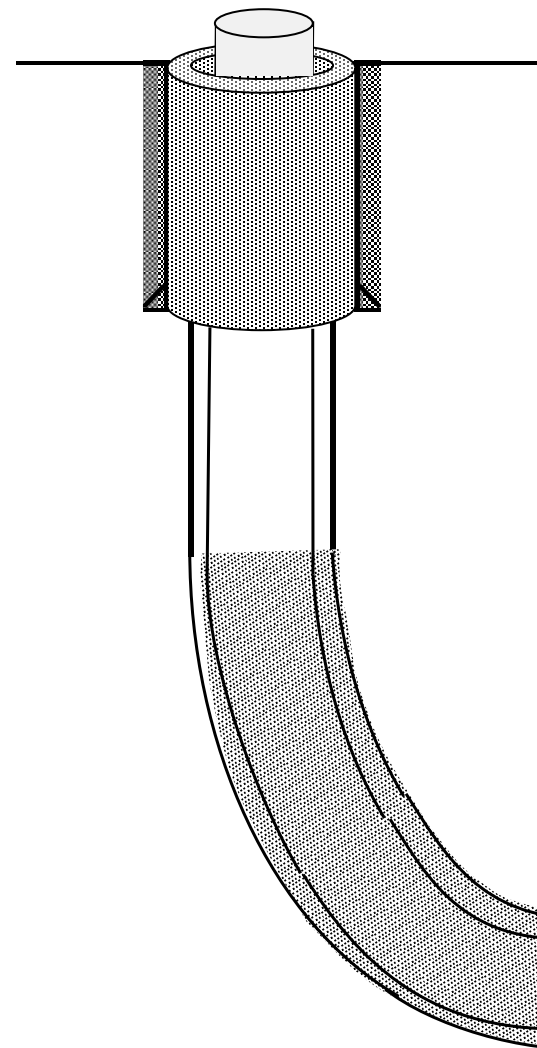
# Everly 12-44-1-43H



## As Drilled - Not to Scale

Spud Date: 1/1/2014  
 Updated: 3/19/2014  
 Location: Section 12 Township 25S Range 3E, Butler County, Kansas  
 Field: Potwin  
 API Number: 15-015-24010-01  
 Target Zone: Mississippian Dolomite

Elevations: GL 1288  
 KB 1308.5  
 KB 20.5



### Surface Section

Hole: 13.5"  
 Depth: 350' MD  
 Casing: 340' MD - 9-5/8" 36# J-55, ST&C  
 Cement Top: Surface  
 Cement: 240 sks 58.1 bbls of Class A + 3% CaCl2 @ 15.2 ppg  
 Mud Weight: 8.5 ppg

### Intermediate Section

Hole: 8-3/4"  
 Depth: 3087' MD/ 2698' TVD  
 Casing: 3068' MD - 7" 23#, 26#, N-80 LT&C  
 Cement Top: Est. 1500' MD  
 Cement: 130 sks 33.3 bbls Class A @ 14.5 ppg + 100 sks 21.1 bbls Class A @ 15.8 ppg  
 Mud Weight: 8.7 ppg

### Directional Section

KOP: 2077' MD  
 Build @ 10 deg/100' to a 90.0 degree inclination at 3361' MD  
 Tangent Section: 68° inc from 2806'-2870' MD

### Production Section

Hole: 6-1/8"  
 Depth: 9872' MD/ 2678' TVD  
 Casing: 4-1/2", 11.6#, P-110 LTC perf'd csg (6 spf, 0.42" hole - 4349' @ toe) & 4-1/2", 13.5#, P-110, LTC slotted csg (2617' @ heel)  
 Cement: None  
 Mud Weight: 8.6 ppg

Liner Top @ 2877' MD

Schlumberger Liner Hanger @ 70 Degrees

EOC 7" Set @ 3068' MD

Slotted liner to 5523' MD - Perf'd liner from there to toe

EOC 4-1/2" Set @ 9,872' MD

Top of Liner  
 Set @ 2877' MD