



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1220495
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: _____

1220495

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Jenny 3404 1-6H
Doc ID	1220495

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	4594-4596	Kiel Slickwater Frac - See Report	4594-8565
4	4656-4658		
4	4764-4766		
4	4902-4904		
5	5086-5088		
5	5192-5194		
5	5312-5314		
5	5380-5382		
5	5469-5471		
5	5550-5552		
5	5604-5606		
5	5658-5660		
5	5716-5718		
5	5750-5752		
5	5825-5827		
5	5970-5972		
5	6036-6038		
5	6088-6090		
5	6140-6142		
5	6210-6212		
5	6245-6256		
5	6330-6332		
5	6394-6396		

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Jenny 3404 1-6H
Doc ID	1220495

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	6465-6467		
5	6533-6535		
5	6585-6587		
5	6637-6639		
5	6689-6691		
5	6742-6744		
5	6800-6802		
5	6851-6853		
5	6946-6948		
5	7023-7025		
5	7078-7080		
5	7142-7144		
5	7218-7220		
5	7270-7272		
5	7322-7324		
5	7374-7346		
5	7425-7427		
5	7508-7510		
5	7559-7561		
5	7618-7620		
5	7663-7665		
5	7726-7728		
5	7797-7799		
5	7868-7870		

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Jenny 3404 1-6H
Doc ID	1220495

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	7922-7924		
5	7978-7980		
5	8062-8064		
5	8106-8108		
5	8150-8152		
5	8218-8220		
5	8280-8282		
5	8349-8351		
5	8404-8406		
5	8486-8488		
5	8562-8564		

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	8/2/2014
Job End Date:	8/2/2014
State:	Kansas
County:	Sumner
API Number:	15-191-22738-01-00
Operator Name:	SandRidge Energy
Well Name and Number:	Jenny 3404 #1-6H
Longitude:	-97.79689500
Latitude:	37.10425200
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	4,396
Total Base Water Volume (gal):	2,601,144
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Water	Well Operator	Carrier/Base Fluid	Water	7732-18-5	100.00000	95.91769	None
40/70 Premium Preferred Sand	Cimarron Acid	Proppant, Scouring, Fill	Crystalline Silica (quartz)	14808-60-7	100.00000	2.55939	None
15% Unihibited HCl Acid	Cimarron Acid	Etching, Dissolving, Cleaning	Water	7732-18-5	85.00000	0.64020	None
			Hydrochloric Acid	7647-01-0	15.00000	0.11298	None
			Water	7732-18-5	24.00000	0.00015	None
			Methanol	67-56-1	9.00000	0.00006	None
			Triethyl Phosphate	78-40-0	8.40000	0.00005	None
			Isopropyl Alcohol	67-63-0	8.40000	0.00005	None
			Ethylene Glycol	107-21-1	8.40000	0.00005	None
			Cinnamaldehyde	104-55-2	8.40000	0.00005	None
			2-Butoxyethanol	111-76-2	8.40000	0.00005	None
			N-Dimethylformamide	68-12-2	8.40000	0.00005	None
			Tar Bases-quinoline derivs-benzyl chloride/quaternized	72480-70-7	8.40000	0.00005	None
			Ethoxylated Nonylphenol	68412-54-4	8.40000	0.00005	None

40/70 Resin Coated Sand	Cimarron Acid	Proppant, Scouring, Fill					
			Crystalline Silica (quartz)	14808-60-7	97.00000	0.62065	None
Iron Control, Sodium Erythorbate	Cimarron Acid	Iron Control					
			Water	7732-18-5	55.50000	0.02504	None
			Methanol	67-56-1	12.70000	0.00575	None
			Nonylphenal Polyethylene Glycol Ether	127087-87-0	9.10000	0.00410	None
			Dinanylphenyl Polyoxyethylene	201602-88-2	9.10000	0.00410	None
			Poly(ethylene Oxide)	25322-68-3	9.10000	0.00410	None
			Isopropanol	67-63-0	4.60000	0.00205	None
			Sodium Erythorbate	6381-77-7	100.00000	0.00025	None
			Water	7732-18-5	54.50000	0.00019	None
			Isopropanol	67-63-0	13.60000	0.00005	None
			Polyglycol Ethers	52624-57-4	13.60000	0.00005	None
			Glycol Ether EB	111-76-2	9.00000	0.00003	None
			Methanol	67-56-1	9.00000	0.00003	None
FR-986, Cationic Friction Reducer	Cimarron Acid	Friction Reducer					
			Water	7732-18-5	50.00000	0.00479	None
			Petroleum Hydrotreated Light Distillate	64742-47-8	2.50000	0.00185	None
			Phosphoric Acid	7664-38-2	16.80000	0.00161	None
			Hydrochloric Acid	7647-01-0	16.80000	0.00161	None
			Ethylene Glycol	107-21-1	12.70000	0.00122	None
			Methanol	67-56-1	3.60000	0.00035	None

Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)



SandRidge Energy
Jenny #3404 1-6H
Sumner County, KS.

1.0 Executive Summary

Allied Oil & Gas Services would like to thank you, for the award of the provision of cementing products and services on the well Jenny #3404 1-6 H Casing.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

Allied started the job testing lines to 3500 psi. After a successful test we began the job by pumping 30 bbls of preflush spacer. We then mixed and pumped the following cements:

60 Bbls (240 sacks) of 13.6 ppg Lead slurry:
50:50 Class A:Poz Blend - 1.4 Yield
2.0% Gel
0.4% FL-160
0.1% SA-51

21Bbls (100 sacks) of 15.6 ppg Tail slurry:
Class A - 1.18 Yield
0.8% FL-160
0.2% CD-31

The top plug was then released and displaced with 193 of fresh water. The plug bumped and pressured up to 1300 psi. Pressure was released and floats held.

All real time data is shown on the graph in the attachment section.

Allied Oil & Gas Services remains committed to provide operational excellence and superior product performance. All comments and suggestions are greatly appreciated and help us to continue to provide this level of service.

Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs.



SandRidge Energy
Jenny #3404 1-6 H
Sumner County, KS.

1.0 Executive Summary

Allied Oil & Gas Services would like to thank you, for the award of the provision of cementing products and services on the well Jenny #3404 1-6H Surface Casing.

A pre-job meeting was held to discuss job details, review the safety hazards, potential environmental impact and established emergency procedures.

Allied started the job testing lines to 1500 psi. After a successful test we began the job by pumping 10 bbls of preflush spacer. We then mixed and pumped the following cements:

56.5 Bbls (170 sacks) of 12.7 ppg Lead slurry:
65:35 Class A:Poz Blend - 1.87 Yield
6.0% Gel
2.0%cc
¼# Floseal

32 Bbls (150 sacks) of 15.6 ppg Tail slurry:
Class A - 1.20 Yield
2.0%cc
¼# Floseal

The top plug was then released and displaced with 41 Bbls of fresh water. The plug bumped and pressured up to 1200 psi. Pressure was released and floats held.

All real time data is shown on the graph in the attachment section.

Allied Oil & Gas Services remains committed to provide operational excellence and superior product performance. All comments and suggestions are greatly appreciated and help us to continue to provide this level of service.

Again we want to thank you for the opportunity to perform these and your future cementing & acidizing service needs.



Company: SandRidge Energy Job Number: 4032769 Proposed Azimuth: 358.60 PBHL TARGET
 Field: Mississippi Lime Magnetic Decl: 4.31 Target Inclination: 90.20 TVD 4403.94
 County: Sumner Grid Corr: 0.43 TVD: 4403.94 VS 4567.73
 Well Name: Jenny 3404 1-6H Total Survey Corr: 3.88 N/S 4598.70 N
 Rig: Nomac #52 Date Printed: 28-Aug-14 E/W 112.20 W

Bit Projection			60'		Depth (ft)		8713									
No.	Tool Type	Survey Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates		Closure		total Dogleg (°/100')	Bld Rate (°/100')	Turn (°/100')	
64	MWD	5482	89.37	358.81	N 1.19	W 60	4401.26	1410.73	1408.82 N	95.28 W	1412.04	356.13	0.39	0.23	0.32	
65	MWD	5543	89.72	358.92	N 1.08	W 61	4401.74	1471.73	1469.81 N	96.49 W	1472.97	356.24	0.60	0.57	0.18	
66	MWD	5605	89.79	359.20	N 0.80	W 62	4402.01	1533.72	1531.80 N	97.50 W	1534.90	356.36	0.47	0.11	0.45	
67	MWD	5665	88.88	357.99	N 2.01	W 60	4402.71	1593.72	1591.78 N	98.97 W	1594.85	356.44	2.52	-1.52	-2.02	
68	MWD	5725	88.88	357.35	N 2.65	W 60	4403.88	1653.70	1651.71 N	101.41 W	1654.82	356.49	1.07	0.00	-1.07	
69	MWD	5787	88.32	356.68	N 3.32	W 62	4405.39	1715.66	1713.61 N	104.64 W	1716.80	356.51	1.41	-0.90	-1.08	
70	MWD	5846	88.67	356.78	N 3.22	W 59	4406.94	1774.60	1772.49 N	108.00 W	1775.78	356.51	0.62	0.59	0.17	
71	MWD	5906	89.02	356.88	N 3.12	W 60	4408.15	1834.56	1832.39 N	111.32 W	1835.77	356.52	0.61	0.58	0.17	
72	MWD	5967	88.53	357.10	N 2.90	W 61	4409.46	1895.53	1893.29 N	114.52 W	1896.75	356.54	0.88	-0.80	0.36	
73	MWD	6029	87.76	356.52	N 3.48	W 62	4411.46	1957.46	1955.16 N	117.97 W	1958.72	356.55	1.55	-1.24	-0.94	
74	MWD	6093	87.97	357.13	N 2.87	W 64	4413.85	2021.39	2019.02 N	121.51 W	2022.67	356.56	1.01	0.33	0.95	
75	MWD	6155	88.25	357.11	N 2.89	W 62	4415.89	2083.33	2080.91 N	124.63 W	2084.64	356.57	0.45	0.45	-0.03	
76	MWD	6218	89.02	358.50	N 1.50	W 63	4417.39	2146.31	2143.84 N	127.04 W	2147.60	356.61	2.52	1.22	2.21	
77	MWD	6280	89.72	359.34	N 0.66	W 62	4418.07	2208.30	2205.83 N	128.21 W	2209.55	356.67	1.76	1.13	1.35	
78	MWD	6343	90.77	359.25	N 0.75	W 63	4417.81	2271.29	2268.82 N	128.98 W	2272.48	356.75	1.67	1.67	-0.14	
79	MWD	6407	89.93	359.04	N 0.96	W 64	4417.41	2335.29	2332.81 N	129.94 W	2336.43	356.81	1.35	-1.31	-0.33	
80	MWD	6470	90.35	359.62	N 0.38	W 63	4417.26	2398.28	2395.81 N	130.67 W	2399.37	356.88	1.14	0.67	0.92	
81	MWD	6533	91.12	359.80	N 0.20	W 63	4416.45	2461.27	2458.80 N	130.99 W	2462.29	356.95	1.26	1.22	0.29	
82	MWD	6597	90.70	0.55	N 0.55	E 64	4415.44	2525.23	2522.79 N	130.80 W	2526.18	357.03	1.34	-0.66	1.17	
83	MWD	6659	90.35	0.63	N 0.63	E 62	4414.87	2587.19	2584.78 N	130.16 W	2588.06	357.12	0.58	-0.56	0.13	
84	MWD	6723	89.79	359.81	N 0.19	W 64	4414.79	2651.17	2648.78 N	129.91 W	2651.97	357.19	1.55	-0.87	-1.28	
85	MWD	6785	89.79	0.12	N 0.12	E 62	4415.02	2713.15	2710.78 N	129.95 W	2713.90	357.26	0.50	0.00	0.50	
86	Run03	6825	88.81	0.39	N 0.39	E 40	4415.51	2753.13	2750.78 N	129.77 W	2753.84	357.30	2.54	-2.45	0.68	
87	MWD	6888	89.30	0.00	N 0.00	E 63	4416.54	2816.10	2813.77 N	129.56 W	2816.75	357.36	0.99	0.78	-0.62	
88	MWD	6950	90.14	0.21	N 0.21	E 62	4416.85	2878.07	2875.77 N	129.45 W	2878.68	357.42	1.40	1.35	0.34	
89	MWD	7013	90.63	0.05	N 0.05	E 63	4416.42	2941.05	2938.77 N	129.30 W	2941.61	357.48	0.82	0.78	-0.25	
90	MWD	7075	91.82	0.07	N 0.07	E 62	4415.10	3003.01	3000.75 N	129.24 W	3003.53	357.53	1.92	1.92	0.03	
91	MWD	7138	91.12	0.00	N 0.00	E 63	4413.48	3065.97	3063.73 N	129.20 W	3066.45	357.59	1.12	-1.11	-0.11	
92	MWD	7201	89.72	359.78	N 0.22	W 63	4413.02	3128.95	3126.73 N	129.32 W	3129.40	357.63	2.25	-2.22	-0.35	
93	MWD	7265	90.35	0.39	N 0.39	E 64	4412.98	3192.93	3190.73 N	129.23 W	3193.34	357.68	1.37	0.98	0.95	
94	MWD	7329	93.08	0.45	N 0.45	E 64	4411.07	3256.86	3254.69 N	128.76 W	3257.24	357.73	4.27	4.27	0.09	
95	MWD	7391	93.29	0.05	N 0.05	E 62	4407.62	3318.74	3316.59 N	128.49 W	3319.08	357.78	0.73	0.34	-0.65	
96	MWD	7454	92.87	0.20	N 0.20	E 63	4404.24	3381.63	3379.50 N	128.35 W	3381.94	357.83	0.71	-0.67	0.24	
97	MWD	7518	92.66	0.08	N 0.08	E 64	4401.15	3445.53	3443.43 N	128.19 W	3445.81	357.87	0.38	-0.33	-0.19	
98	MWD	7581	91.05	1.52	N 1.52	E 63	4399.11	3508.45	3506.38 N	127.31 W	3508.69	357.92	3.43	-2.56	2.29	
99	MWD	7644	90.91	1.19	N 1.19	E 63	4398.03	3571.37	3569.36 N	125.82 W	3571.57	357.98	0.57	-0.22	-0.52	
100	Run04	7731	90.63	1.38	N 1.38	E 87	4396.86	3658.26	3656.33 N	123.87 W	3658.43	358.06	0.39	-0.32	0.22	
101	MWD	7794	90.21	1.48	N 1.48	E 63	4396.40	3721.18	3719.31 N	122.30 W	3721.32	358.12	0.69	-0.67	0.16	
102	MWD	7857	90.49	1.12	N 1.12	E 63	4396.02	3784.11	3782.29 N	120.87 W	3784.22	358.17	0.72	0.44	-0.57	
103	MWD	7920	89.51	1.14	N 1.14	E 63	4396.02	3847.05	3845.28 N	119.63 W	3847.14	358.22	1.56	-1.56	0.03	
104	MWD	7982	88.74	0.54	N 0.54	E 62	4396.96	3908.99	3907.26 N	118.72 W	3909.06	358.26	1.57	-1.24	-0.97	
105	Run05	8021	88.95	0.76	N 0.76	E 39	4397.75	3947.96	3946.25 N	118.28 W	3948.02	358.28	0.78	0.54	0.56	
106	MWD	8084	88.53	0.36	N 0.36	E 63	4399.13	4010.91	4009.23 N	117.66 W	4010.96	358.32	0.92	-0.67	-0.63	
107	MWD	8148	88.11	0.34	N 0.34	E 64	4401.01	4074.85	4073.20 N	117.27 W	4074.89	358.35	0.66	-0.66	-0.03	
108	MWD	8211	89.02	0.60	N 0.60	E 63	4402.59	4137.80	4136.18 N	116.76 W	4137.83	358.38	1.50	1.44	0.41	
109	MWD	8274	89.79	0.76	N 0.76	E 63	4403.24	4200.75	4199.17 N	116.01 W	4200.77	358.42	1.25	1.22	0.25	
110	MWD	8338	91.61	1.58	N 1.58	E 64	4402.46	4264.68	4263.15 N	114.70 W	4264.69	358.46	3.12	2.84	1.28	
111	MWD	8402	92.38	2.65	N 2.65	E 64	4400.23	4328.52	4327.07 N	112.34 W	4328.52	358.51	2.06	1.20	1.67	
112	MWD	8465	91.89	2.63	N 2.63	E 63	4397.89	4391.32	4389.96 N	109.44 W	4391.32	358.57	0.78	-0.78	-0.03	
113	MWD	8529	91.61	2.92	N 2.92	E 64	4395.93	4455.12	4453.85 N	106.34 W	4455.12	358.63	0.63	-0.44	0.45	
114	MWD	8592	89.51	2.31	N 2.31	E 63	4395.32	4517.96	4516.78 N	103.47 W	4517.96	358.69	3.47	-3.33	-0.97	
115	PTB	8653	89.51	2.31	N 2.31	E 61	4395.84	4578.83	4577.73 N	101.01 W	4578.84	358.74	0.00	0.00	0.00	



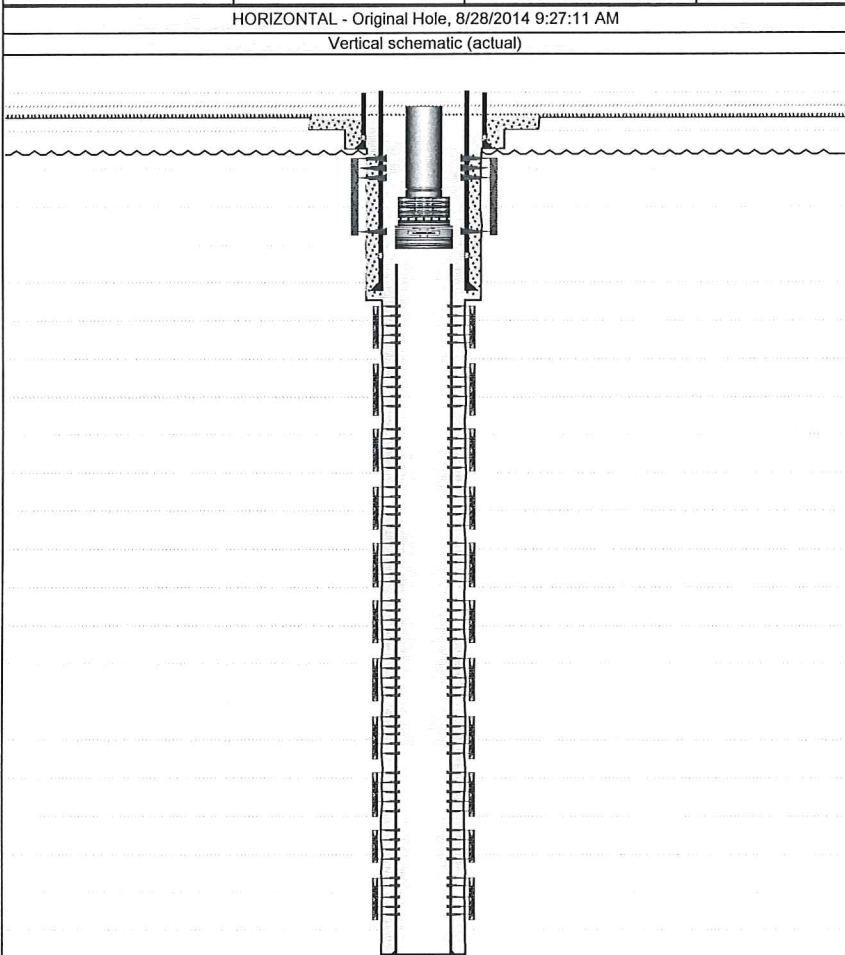


Schematic and Survey Plot

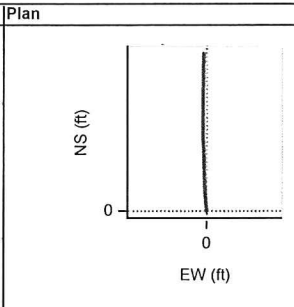
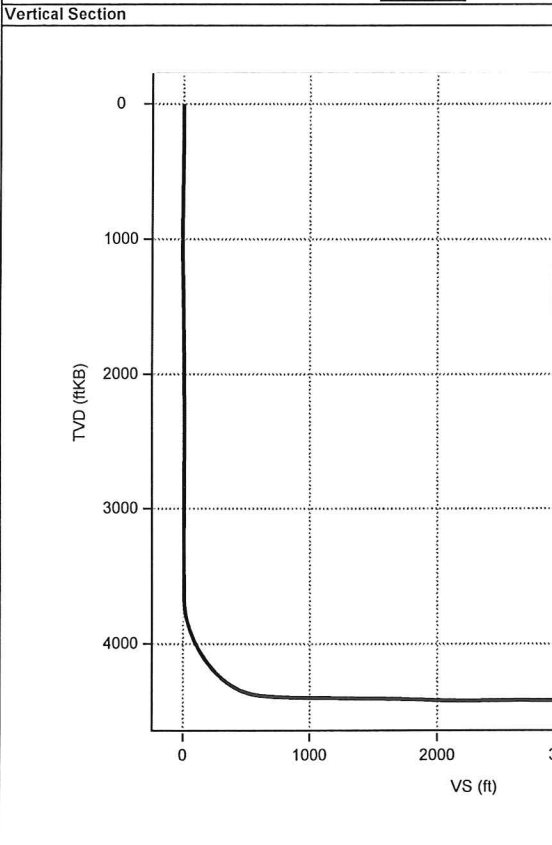
JENNY 3404 1-6H

123 Robert S. Kerr Ave.
Oklahoma City, OK 73102

API	Permit #	Well Config	Orig Spud Date	Orig RR Date
15191227380000	1197506	HORIZONTAL	5/7/2014	5/24/2014



Survey Data		
MD (ftKB)	Incl (°)	Azm (°)
0	0.0	0.00
250	0.3	180.68
495	0.6	180.68
700	0.2	180.68
983	0.7	199.58
1,110	1.1	28.73
1,427	1.5	359.79
1,917	0.5	64.35
2,404	0.3	316.03
2,891	0.6	219.39
3,396	0.2	97.71
3,585	0.3	338.94
3,617	0.3	330.34
3,648	1.1	330.77
3,680	2.5	335.33
3,711	4.4	342.62
3,743	7.0	348.13
3,775	10.1	353.34
3,806	13.1	355.03
3,837	15.6	354.70
3,869	18.1	352.98
3,900	20.4	352.09
3,933	22.6	352.90
3,965	24.8	353.68
3,996	26.8	354.13
4,028	29.1	354.97
4,059	31.6	355.71
4,091	33.6	354.92
4,122	35.0	353.29
4,154	36.8	352.42
4,185	38.8	351.60
4,216	41.1	352.01
4,248	44.1	353.04
4,279	45.9	353.44
4,311	48.2	352.54
4,342	50.9	352.05
4,374	54.4	351.51
4,406	57.8	351.51
4,438	60.4	352.31
4,470	63.3	353.48
4,501	66.6	354.56
4,533	70.0	355.93
4,565	73.1	356.56
4,596	75.9	356.91
4,628	78.5	356.71
4,659	81.4	356.86
4,691	83.3	356.80
4,722	84.5	357.08
4,754	86.1	357.49
4,785	87.4	357.22
4,817	87.7	357.51
4,848	87.9	357.44
4,879	87.9	357.13
4,911	88.1	357.31
4,942	88.3	357.16
4,974	88.4	356.68
5,018	88.7	357.22
5,087	89.4	357.79
5,118	90.0	357.92
5,178	90.4	358.41
5,239	89.1	357.95
5,300	89.0	358.23
5,361	89.2	358.52
5,422	89.2	358.62
5,482	89.4	358.81
5,543	89.7	358.92
5,605	89.8	359.20
5,665	88.9	357.99
5,725	88.9	357.35
5,787	88.3	356.68
5,846	88.7	356.78
5,906	89.0	356.88
5,967	88.5	357.10

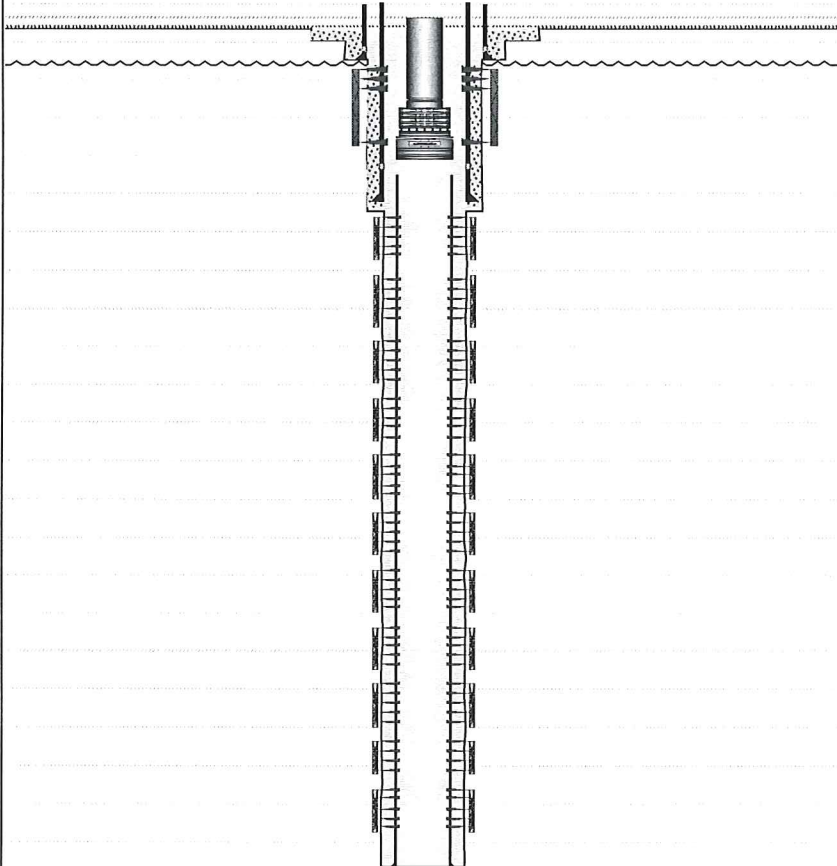


Schematic and Survey Plot

JENNY 3404 1-6H

HORIZONTAL - Original Hole, 8/28/2014 9:27:12 AM

Vertical schematic (actual)

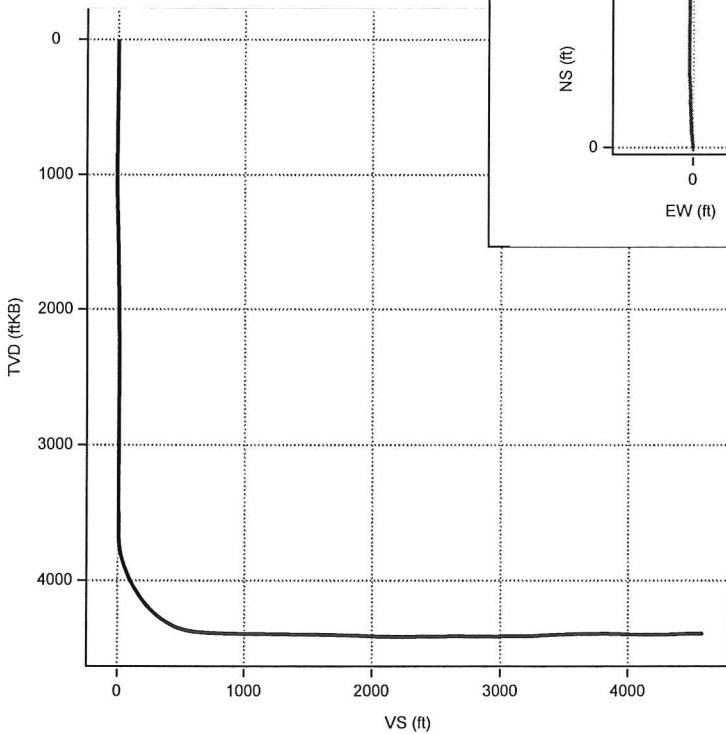


Survey Data

MD (ftKB)	Incl (°)	Azm (°)
6,029	87.8	356.52
6,093	88.0	357.13
6,155	88.3	357.11
6,218	89.0	358.50
6,280	89.7	359.34
6,343	90.8	359.25
6,407	89.9	359.04
6,470	90.4	359.62
6,533	91.1	359.80
6,597	90.7	0.55
6,659	90.4	0.63
6,723	89.8	359.81
6,785	89.8	0.12
6,825	88.8	0.39
6,888	89.3	0.00
6,950	90.1	0.21
7,013	90.6	0.05
7,075	91.8	0.07
7,138	91.1	0.00
7,201	89.7	359.78
7,265	90.4	0.39
7,329	93.1	0.45
7,391	93.3	0.05
7,454	92.9	0.20
7,518	92.7	0.08
7,581	91.1	1.52
7,644	90.9	1.19
7,731	90.6	1.38
7,794	90.2	1.48
7,857	90.5	1.12
7,920	89.5	1.14
7,982	88.7	0.54
8,021	89.0	0.76
8,084	88.5	0.36
8,148	88.1	0.34
8,211	89.0	0.60
8,274	89.8	0.76
8,338	91.6	1.58
8,402	92.4	2.65
8,465	91.9	2.63
8,529	91.6	2.92
8,592	89.5	2.31
8,653	89.5	2.31

Vertical Section

Plan



1112' FWL

BHL: 8653'
-97.797877 37.116719

Bottom Perf: 8564'
-97.797881 37.116553

Section 6
34S 4W

2218' FSL

Sumner County

Harper County

Section 7
34S 4W

Top Perf: 4594'
-97.797467 37.105701

Miss Entry: 4596'
-97.797467 37.105701

FORREST SWD 3404 1-7

JENNY 3404 1-6H



JENNY 3404 3-18H



JENNY 3404 2-18H



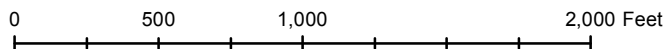
Actual Bottom-Hole Location of Jenny 3404 1-6H

T&R: 34S 4W

Section: 6, 1112' FWL & 2218' FSL

-97.797877 37.116719

1 in = 667 ft



Actual BH Location



SandRidge Wells



Perf



Sections

Draftsman:

Dory Deines

Draft Date: 8/28/2014

Drawing Name/Number:

Addendum_Jenny 3404 1-6H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502