Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1087218

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: Tiffany Golay
Phone: (405) 429-6543
CONTRACTOR: License # 34464
Name: Lariat Services, Inc.
Wellsite Geologist: Kathy Gentry
Purchaser: DCP Midstream, LP (gas) NCRA (oil)

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 #:

6/16/2012	7/8/2012	7/13/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-033-21645-01-00
Spot Description:
N2 - N2 - NE - NE Sec. 4 Twp. 34 S. R. 19 ☐ East ☑ West
250 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: Comanche
Lease Name: Pepper 3419 Well #: 1-4H
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 1998 Kelly Bushing: 2018
Total Vertical Depth: 9804 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 962 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: 30000 ppm Fluid volume: 1820 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Gray Mud Disposal
Lease Name: Unnamed License #: 00000
Quarter SW Sec. 15 Twp. 24 S. R. 7 ☐ East ☑ West
County: Garfield, OK Permit #: 323003

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: 10/12/2012
☑ **Confidential Release Date:** 10/12/2014
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 10/15/2012

1087218

Operator Name: SandRidge Exploration and Production LLC Lease Name: Pepper 3419 Well #: 1-4H

Sec. 4 Twp. 34 S. R. 19 ☐ East ☑ West County: Comanche

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:

Attached

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

Name	Top	Datum
Base Heebner Shale Marker	4422	
Oswego Ls Group	5191	
Cherokee Shale Marker	5271	
Miss Unconformity	5411	

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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

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. 8/18/2012

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	Pepper 3419 1-4H
Doc ID	1087218

All Electric Logs Run

Continuious Well logging/ Compmelte Hydrocarbon Analysis
CML Impulse Shuttle Compact Photo Density Compensated Neutron
CML Impulse Shuttle Array Induction Log
Final Boresight Depiction

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Pepper 3419 1-4H
Doc ID	1087218

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
5	9335-9692	4581 bbls water, 36 bbls acid, 74M lbs sd, 4617 TLTR	
5	8998-9268	4244 bbls water, 36 bbls acid, approx 74M lbs sd, 9028 TLTR	
5	8628-8920	4233 bbls water, 36 bbls acid, 75M lbs sd, 13405 TLTR	
5	8208-8540	4259 bbls water, 36 bbls acid, 75M lbs sd, 17794 TLTR	
5	7831-8097	4238 bbls water, 36 bbls acid, 75M lbs sd, 22144 TLTR	
5	7419-7704	4274 bbls water, 36 bbls acid, 75M lbs sd, 26523 TLTR	
5	7023-7285	4220 bbls water, 36 bbls acid, 76M lbs sd, 30834 TLTR	
5	6614-6889	4243 bbls water, 36 bbls acid, 88M lbs sd, 35167 TLTR	
5	6188-6521	4017 bbls water, 36 bbls acid, 81M lbs sd, 39258 TLTR	
5	5702-6105	4034 bbls water, 36 bbls acid, 84M lbs sd, 43346 TLTR	

Form	ACO1 - Well Completion
Operator	SandRidge Exploration and Production LLC
Well Name	Pepper 3419 1-4H
Doc ID	1087218

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	32	20	75	120	Express Energy Services Cement	14	none
Surface	12.25	9.63	36	962	O-Tex Lite Premium Plus/ Premium Plus (class C)	720	(6% gel) 2% Calcium Chloride, 1/4 pps Cello-Flake, .5% C-41P
Intermediate	8.75	7	26	6024	50/50 Poz Premium/ Premium	260	4% Gel, .4% C-12, .1% C-37, .5% C-41P, 2 lb/sk Phenoseal
Liner	6.12	4.5	11.6	9804	50/50 Premium Poz	460	(4% gel) .4$ C12, .1% C37, .5% C-41P, 2 lb/sk Phenoseal

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/

July 12, 2012

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

Re: ACO1
API 15-033-21645-01-00
Pepper 3419 1-4H
NE/4 Sec.04-34S-19W
Comanche 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.

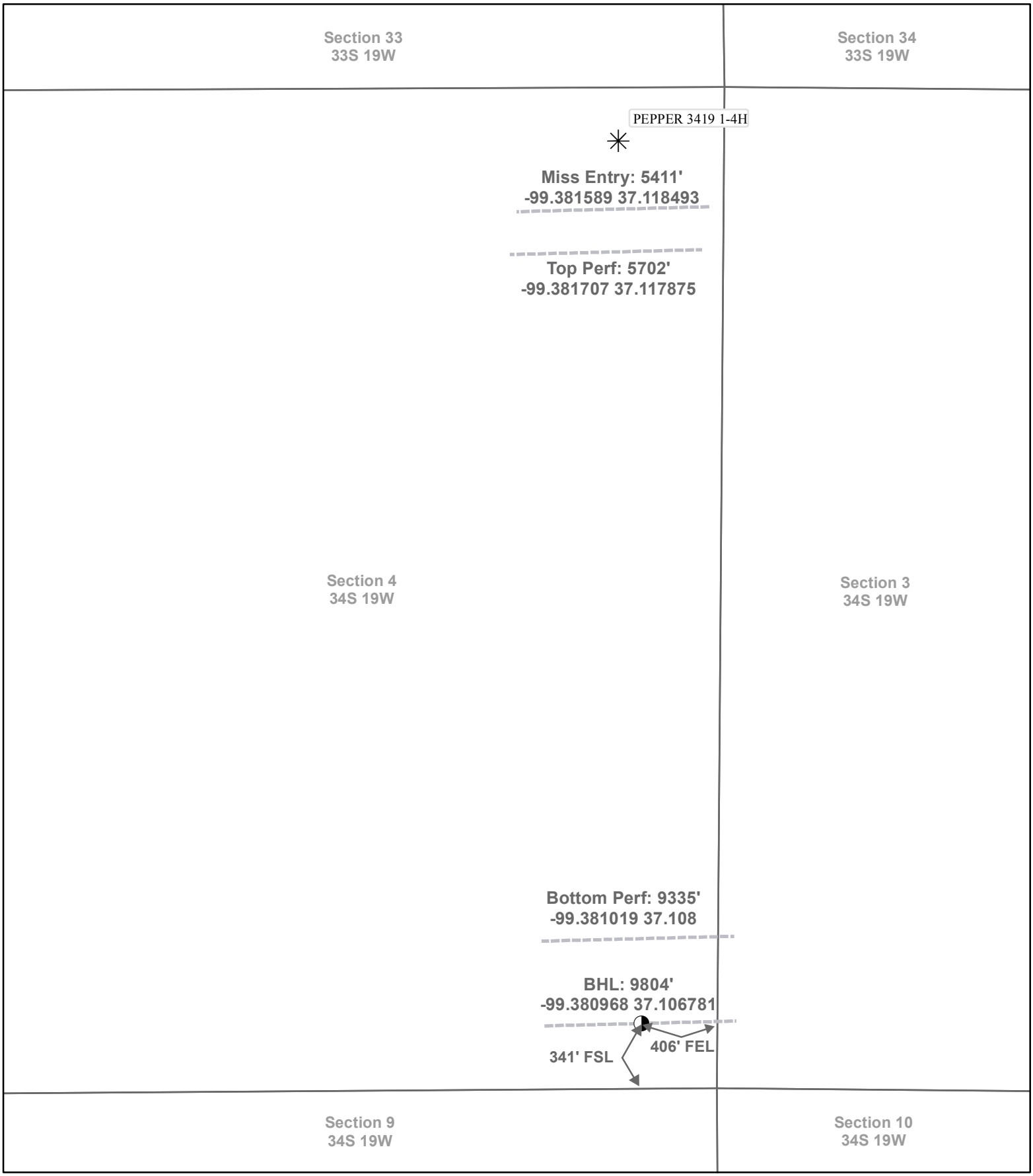
Respectfully,
Tiffany Golay

	Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
SHL	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250	5002	4605	660
BHL	9804	93.30	180.00	5455.20	-4671.48	-10.85	4671.50	0.00	4922	331	4609	660
Miss Entry	5588	54.43	187.31	5410.86	-491.43	-76.26	491.61	10.09	742	4511	4530	735
Top Perf	5702	62.21	178.62	5472.32	-587.15	-79.27	587.33	9.56	838	4415	4527	738
Bottom Perf	9692	93.06	180.30	5461.44	-4559.66	-10.59	4559.67	0.84	4810	443	4609	660

Survey Points		X	Y			X	Y		m
	NW Corner XY Coord	1738360	166359					North Line slope	-0.0032289
	SW Corner XY Coord	1738343	161096		Surface XY	1742964	166094	East Line slope	0.0024757
	NE Corner XY Coord	1743625	166342					South Line slope	-0.0009489
	SE Corner XY Coord	1743612	161091					West Line slope	0.0032301

	Measured Depth (ft)	Sub-Sea Incl. (deg)	Vertical Azim. (ft)	True Vert Depth (ft)	Northings (+) Southings (-) (ft)	Eastings (+) Westings (-) (ft)	Vert Section (ft)	DLS deg/100' (deg)	FNL	FSL	FWL	FEL
	0	0.0	0	0	0	0		0	250	5002	4605	660
	977	0.80	114.40	976.97	-2.82	6.21	2.80	0.08	253	5000	4611	654
	1134	0.70	112.90	1133.95	-3.64	8.09	3.62	0.06	254	4999	4613	652
	1419	0.80	90.40	1418.93	-4.33	11.69	4.31	0.11	254	4998	4617	649
	1893	0.90	98.20	1892.88	-4.89	18.68	4.84	0.03	255	4998	4624	642
	2369	0.60	125.30	2368.84	-6.86	24.41	6.80	0.10	257	4996	4629	636
	2845	0.60	114.80	2844.81	-9.35	28.71	9.28	0.02	259	4993	4634	632
	3322	0.50	185.60	3321.80	-12.47	30.77	12.39	0.13	263	4990	4636	630
	3799	0.60	195.40	3798.77	-16.95	29.91	16.88	0.03	267	4985	4635	630
	4180	0.70	195.40	4179.75	-21.11	28.76	21.05	0.03	271	4981	4634	632
	4275	0.50	224.80	4274.74	-21.97	28.31	21.90	0.38	272	4980	4633	632
	4370	0.70	237.90	4369.74	-22.57	27.53	22.50	0.25	273	4980	4632	633
	4465	0.50	244.00	4464.73	-23.06	26.67	23.00	0.22	273	4979	4632	634
	4561	0.70	240.60	4560.73	-23.53	25.78	23.47	0.21	274	4979	4631	635
	4592	0.70	243.20	4591.73	-23.71	25.45	23.65	0.10	274	4979	4630	635
	4624	0.40	236.80	4623.72	-23.86	25.18	23.80	0.96	274	4979	4630	635
	4656	1.50	204.40	4655.72	-24.30	24.91	24.24	3.69	274	4978	4630	635
	4687	4.50	196.50	4686.67	-25.84	24.40	25.78	9.75	276	4977	4629	636
	4719	6.90	195.30	4718.51	-28.90	23.53	28.84	7.51	279	4974	4628	637
	4751	9.50	195.20	4750.18	-33.30	22.33	33.25	8.13	283	4969	4627	638
	4783	11.70	193.50	4781.64	-39.00	20.88	38.95	6.94	289	4963	4626	639
	4814	14.00	192.80	4811.86	-45.72	19.32	45.67	7.44	296	4957	4624	641
	4846	16.60	193.20	4842.72	-53.94	17.42	53.90	8.13	304	4948	4622	643
	4878	18.60	193.50	4873.22	-63.36	15.18	63.32	6.26	313	4939	4620	645
	4910	20.40	193.20	4903.38	-73.75	12.72	73.72	5.63	324	4929	4618	647
	4942	22.70	191.60	4933.15	-85.23	10.20	85.20	7.42	335	4917	4615	650
	4973	24.50	190.80	4961.55	-97.40	7.79	97.38	5.90	348	4905	4613	652
	5005	26.30	191.00	4990.46	-110.88	5.20	110.87	5.63	361	4892	4610	655
	5037	27.90	190.60	5018.94	-125.20	2.47	125.19	5.03	375	4877	4608	658
	5068	29.20	188.80	5046.17	-139.80	-0.02	139.80	5.03	390	4863	4605	660
	5100	30.90	187.80	5073.87	-155.66	-2.33	155.66	5.54	406	4847	4603	662
	5132	32.30	185.20	5101.13	-172.31	-4.22	172.32	6.10	422	4830	4601	664
	5164	34.20	184.40	5127.89	-189.80	-5.69	189.81	6.09	440	4813	4600	666
	5195	36.10	184.30	5153.23	-207.59	-7.04	207.61	6.13	458	4795	4598	667
	5227	38.30	184.60	5178.72	-226.88	-8.54	226.90	6.90	477	4775	4597	668
	5259	41.00	183.70	5203.36	-247.24	-10.02	247.27	8.63	497	4755	4596	670
	5290	44.80	185.00	5226.06	-268.28	-11.63	268.31	[redacted]	518	4734	4594	671
	5322	48.80	189.90	5247.97	-291.39	-14.68	291.42	[redacted]	542	4711	4591	674
	5354	52.00	194.50	5268.37	-315.47	-19.91	315.51	[redacted]	566	4687	4586	680
	5386	52.40	200.30	5288.00	-339.58	-27.47	339.64	[redacted]	590	4663	4578	687
[redacted]	5417	51.30	205.20	5307.15	-362.05	-36.88	362.13	[redacted]	612	4640	4569	696
	5449	51.10	204.00	5327.20	-384.72	-47.26	384.83	[redacted]	635	4618	4559	707
	5481	51.60	199.50	5347.20	-407.93	-56.52	408.06	[redacted]	658	4594	4550	716
Top of Tangent	5513	53.00	195.60	5366.77	-432.06	-64.14	432.21	[redacted]	682	4570	4542	723
@ xxxx'	5544	54.20	192.80	5385.17	-456.25	-70.26	456.41	8.24	707	4546	4536	730
	5576	54.20	188.70	5403.89	-481.74	-75.10	481.91	10.39	732	4521	4531	734
	5608	54.80	185.00	5422.48	-507.59	-78.20	507.78	9.60	758	4495	4528	737
	5640	56.10	181.50	5440.63	-533.90	-79.69	534.09	9.88	784	4468	4527	739
	5671	59.30	179.10	5457.19	-560.10	-79.81	560.28	12.22	810	4442	4527	739
Btm of Tangent	5703	62.30	178.60	5472.80	-588.02	-79.25	588.21	9.47	838	4414	4528	738
@ xxxx'	5735	65.10	177.90	5486.98	-616.69	-78.37	616.88	8.97	867	4386	4528	737
	5767	67.70	178.40	5499.79	-646.00	-77.43	646.18	8.25	896	4356	4530	736
	5798	69.80	179.00	5511.03	-674.88	-76.77	675.06	7.01	925	4327	4530	735
	5830	72.50	179.10	5521.36	-705.16	-76.27	705.34	8.44	956	4297	4531	735
	5862	74.30	179.20	5530.51	-735.82	-75.82	736.00	5.63	986	4266	4531	734
	5893	76.10	179.50	5538.42	-765.79	-75.48	765.96	5.88	1016	4237	4532	734

5925	78.80	179.50	5545.38	-797.02	-75.21	797.19	8.44	1047	4205	4532	734
5957	82.20	179.00	5550.66	-828.57	-74.79	828.75	10.74	1079	4174	4533	733
5989	84.20	178.40	5554.45	-860.34	-74.07	860.51	6.52	1111	4142	4534	732
5996	84.60	178.40	5555.13	-867.30	-73.88	867.47	5.71	1118	4135	4534	732
6036	87.10	178.50	5558.02	-907.18	-72.80	907.35	6.25	1158	4095	4535	731
6128	91.60	178.20	5559.07	-999.11	-70.15	999.27	4.90	1249	4003	4538	728
6220	91.10	177.60	5556.90	-1091.02	-66.78	1091.18	0.85	1341	3911	4542	724
6312	92.50	177.40	5554.01	-1182.89	-62.77	1183.03	1.54	1433	3819	4546	720
6404	92.00	176.70	5550.40	-1274.69	-58.04	1274.83	0.93	1525	3728	4551	715
6493	91.30	176.60	5547.84	-1363.51	-52.84	1363.63	0.79	1614	3639	4556	710
6585	93.10	177.80	5544.30	-1455.32	-48.35	1455.43	2.35	1706	3547	4561	705
6677	92.10	176.80	5540.13	-1547.12	-44.02	1547.22	1.54	1797	3455	4566	701
6773	91.40	176.10	5537.20	-1642.89	-38.08	1642.98	1.03	1893	3359	4572	694
6869	90.80	175.80	5535.36	-1738.64	-31.30	1738.70	0.70	1989	3264	4579	687
6964	92.80	176.40	5532.37	-1833.36	-24.84	1833.42	2.20	2084	3169	4586	681
7060	91.80	176.00	5528.52	-1929.07	-18.48	1929.11	1.12	2179	3073	4593	674
7155	92.70	177.80	5524.79	-2023.86	-13.35	2023.88	2.12	2274	2979	4598	669
7251	93.10	177.50	5519.93	-2119.65	-9.42	2119.67	0.52	2370	2883	4602	665
7347	91.20	178.40	5516.33	-2215.52	-5.99	2215.53	2.19	2466	2787	4606	661
7443	91.30	179.70	5514.24	-2311.48	-4.39	2311.48	1.36	2562	2691	4608	659
7538	91.30	180.10	5512.08	-2406.46	-4.23	2406.46	0.42	2657	2596	4608	659
7634	90.20	179.80	5510.82	-2502.45	-4.14	2502.45	1.19	2753	2500	4609	658
7730	90.90	179.50	5509.90	-2598.44	-3.56	2598.44	0.79	2849	2404	4610	658
7825	92.00	180.30	5507.50	-2693.41	-3.39	2693.41	1.43	2944	2309	4610	657
7921	92.10	180.80	5504.06	-2789.34	-4.31	2789.34	0.53	3039	2213	4610	658
8017	90.90	180.70	5501.55	-2885.30	-5.57	2885.30	1.25	3135	2117	4609	659
8112	91.20	180.30	5499.81	-2980.28	-6.40	2980.28	0.53	3230	2022	4608	659
8208	92.10	180.60	5497.05	-3076.23	-7.15	3076.24	0.99	3326	1926	4608	660
8304	91.20	180.40	5494.28	-3172.19	-7.99	3172.20	0.96	3422	1830	4607	661
8399	90.90	180.70	5492.54	-3267.17	-8.90	3267.18	0.45	3517	1735	4607	661
8495	90.50	180.50	5491.37	-3363.16	-9.91	3363.17	0.47	3613	1639	4606	662
8591	90.60	180.40	5490.45	-3459.15	-10.66	3459.16	0.15	3709	1543	4605	662
8686	90.20	179.90	5489.78	-3554.14	-10.91	3554.16	0.67	3804	1448	4605	662
8782	91.00	179.60	5488.78	-3650.14	-10.49	3650.15	0.89	3900	1352	4606	662
8877	90.70	179.80	5487.37	-3745.13	-9.99	3745.14	0.38	3995	1257	4607	661
8973	92.00	180.10	5485.11	-3841.10	-9.91	3841.11	1.39	4091	1161	4607	661
9068	92.80	180.30	5481.13	-3936.01	-10.24	3936.03	0.87	4186	1066	4607	661
9164	91.90	179.80	5477.19	-4031.93	-10.32	4031.94	1.07	4282	970	4608	661
9260	91.60	179.80	5474.26	-4127.88	-9.99	4127.90	0.31	4378	874	4608	660
9355	90.90	179.80	5472.19	-4222.86	-9.66	4222.87	0.74	4473	780	4609	660
9451	91.20	180.30	5470.43	-4318.84	-9.74	4318.86	0.61	4569	684	4609	659
9547	91.80	180.00	5467.92	-4414.81	-9.99	4414.82	0.70	4665	588	4609	659
9642	92.80	180.40	5464.10	-4509.73	-10.32	4509.74	1.13	4760	493	4609	660
9738	93.30	180.20	5459.00	-4605.59	-10.83	4605.61	0.56	4856	397	4609	660
9753	93.30	180.00	5458.13	-4620.57	-10.85	4620.58	1.33	4871	382	4609	660
9804	93.30	180.00	5455.20	-4671.48	-10.85	4671.50	0.00	4922	331	4609	660



SANDRIDGE
THE POWER OF US

Actual BH Location

SandRidge Wells

Perf

Sections

Actual Bottom-Hole Location of Pepper 1-4H
Comanche County, Kansas
T&R: 34S 19W
Section: 4, 406' FEL & 341' FSL
Long/Lat: -99.380968 37.106781

1 in = 665 ft

0 500 1,000 2,000 Feet

N

Draftsman: Aaron Birk	Draft Date: 9/29/2012
Drawing Name/Number: Addendum_Pepper_1-4H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

EXPRESS ENERGY SVCS OPERATING LP
P O BOX 843971
DALLAS, TX 75284
Phone # (713)625-7400
Fax # (713)625-7403

TICKET

TICKET NUMBER: 8052-51-1
TICKET DATE: 06/17/2012

ELECTRONIC

SANDRIDGE ENERGY
ODESSA REGION
P.O. BOX 1748
OKLAHOMA CITY, OK 73101-1748

Yard: 8052 OKLAHOMA ELK CITY RATHOLE
Lease: Pepper # 3419
Well#: 1-4H
Contractor: Lariate
Rig#: 38
Co/St: COMANCHE, KS
Sales Person: EXPRESS ENERGY SERVICES OPERATING LI

For questions, please call 713-625-7498.

DESCRIPTION	QUANTITY		RATE	AMOUNT
6/17/2012 30" Main Hole (per ft)	120.00	FT		
6/17/2012 Provide Conductor Pipe for Main Hole - 20" (per ft)	120.00	FT	45.000	5,400.00
6/17/2012 20" Mouse Hole (per ft)	75.00	EA		
6/17/2012 Provide Conductor Pipe for Main Hole - 16" (per ft)	75.00	FT	20.000	1,500.00
6/17/2012 Drill 75" hole for cellar (per ft)	6.00	FT		
6/17/2012 72" diameter tin horn for cellar (per ft)	6.00	FT	125.000	750.00
6/17/2012 Site Preparation - Location Cleanup	1.00	HR		
6/17/2012 Running Pipe on Main Hole (100-120ft)	1.00	EA		
6/17/2012 Running Pipe on Deep Mouse Hole	1.00	EA		
6/17/2012 Welding Services (per hour)	1.00	HR		
6/17/2012 Lids for end of pipe	3.00	EA	150.000	450.00
6/17/2012 Cement to grout pipe in hole	14.00	YD	200.000	2,800.00
6/17/2012 Furnish grout pump	1.00	EA		
6/17/2012 Drilling Mud for Hole Stability	1.00	JOB	1,200.000	1,200.00
6/17/2012 NON TAXABLE SERVICES	1.00		14,800.000	14,800.00

Sub Total:	26,900.00
Tax NESS, KS (6.3 %):	762.30
TICKET TOTAL:	$ 27,662.30

I, the undersigned, acknowledge the acceptance of the above listed goods and/or services.

Approved Signature _____

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK1575	06/20/12

COUNTY	State	COMPANY	CUSTOMER REP
Comanche	Kansas	dridge Exploration & Produc	Felix Ortiz Jr./Marc Harvey

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Pepper	3419 1-4H	Surface	

EMP NAME							
0.00		0					
0.00							
0.00							
0.00							

Form. Name _____ Type: _____

Packer Type _____ Set At 0

Bottom Hole Temp. 80 Pressure _____

Retainer Depth _____ Total Depth 1000'

	Called Out	On Location	Job Started	Job Completed
Date	6/23/2012	6/23/2012	6/24/2012	6/24/2012
Time	11:00	16:40	01:20	02:30

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		36#	9 5/8"	Surface		1,500
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			12 1/4"	Surface	1,000'	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				

Hours On Location

Date	Hours
6/23	
Total	0.0

Operating Hours

Date	Hours
6/24	
Total	0.0

Description of Job

Surface

Pressures

MAX 1,500 PSI AVG

Average Rates in BPM

MAX 6 BPM AVG

Cement Left in Pipe

Feet Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	440	TEX Lite Premium Plus 65	(6% Gel) 2% Calcium Chloride - 1/4pps Cello-Flake - .5% C-41P	10.88	1.84	12.70
2	180	Premium Plus (class C)	2% Calcium Chloride -1/4pps Cello-Flake	6.32	1.32	14.80
3	100	Premium Plus (class C)	2% Calcium Chloride on side to use if necessary	6.32	1.32	14.80

Summary

Preflush		Type:		Preflush: BBl	10.00	Type:	Fresh 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		Calc.Disp Bbl	
		Actual TOC	SURFACE	Calc. TOC:	SURFACE	Actual Disp.	
Average		Bump Plug PSI:		Final Circ. PSI:		Disp:Bbl	
Hydraulics	5 Min	10 Min	15 Min	Cement Slurry: BBl			
				Total Volume BBl	10.00		

CUSTOMER REPRESENTATIVE _____ SIGNATURE

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK 1612	07/03/12

COUNTY	State	COMPANY	CUSTOMER REP
Comanche	Kansas	Sandridge Exploration & Production	ROGER BARBER

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Pepper	3419 1-4H	Intermediate	Eric Parsons

EMP NAME							
Eric Parsons		0					
Arthur Setzar							
Jared Green							
Rocky Anthis							

Form. Name _____ Type: _____

Packer Type _____ Set At 4,646

Bottom Hole Temp. 155 Pressure _____

Retainer Depth _____ Total Depth 6050

	Called Out	On Location	Job Started	Job Completed
Date	7/3/2012	7/3/2012	7/3/2012	7/3/2012
Time	10:00am			

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		26#	7"	Surface	6,065	5,000
Liner						
Liner						
Tubing			0			
Drill Pipe						
Open Hole			8 3/4"	Surface	6,052	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. 20		8.33
Spacer type	Caustic	BBL. 10		8.40
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
7/3	7.5
Total	7.5

Operating Hours

Date	Hours
7/3	1.5
Total	1.5

Description of Job

Intermediate

Pressures

MAX 5,000 PSI AVG. 250

Average Rates in BPM

MAX 7 BPM AVG 4

Cement Left in Pipe

Feet 93 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	160	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	100	Premium	0.4% C-12 - 0.1% C-37	5.20	1.18	15.60
3	0	0	0	0.00	0.00	0.00

Summary

Preflush	10	Type:	Fresh Water	Preflush:	BBl	30.00	Type: WEIGHTED SP.
Breakdown		MAXIMUM	5,000 PSI	Load & Bkdn:	Gal - BBl	N/A	Pad:Bbl -Gal N/A
		Lost Returns-N	NO/FULL	Excess /Return	BBl	N/A	Calc.Disp Bbl 228
		Actual TOC	4,640	Calc. TOC:		4,646	Actual Disp. 227.00
Average		Bump Plug PSI:	1,180	Final Circ.	PSI:	800	Disp:Bbl
ISIP _____ 5 Min. _____		10 Min _____	15 Min _____	Cement Slurry:	BBl	62.0	
				Total Volume	BBl	319.00	

CUSTOMER REPRESENTATIVE _____ SIGNATURE

JOB SUMMARY

PROJECT NUMBER	TICKET DATE
SOK1629	07/09/12

COUNTY	State	COMPANY	CUSTOMER REP
Comanche	Kansas	dridge Exploration & Produc	ROGER BARBER

LEASE NAME	Well No.	JOB TYPE	EMPLOYEE NAME
Pepper	3419 1-4H	Liner	Robert Burris

EMP NAME							
Robert Burris		0.00					
Bryan Douglas							
Emmit Brock							
Jessie McClain							

Form. Name _____ Type: _____

Packer Type _____ Set At 6,024

Bottom Hole Temp. 150 Pressure _____

Retainer Depth _____ Total Depth 9804

	Called Out	On Location	Job Started	Job Completed
Date	7/11/2012	7/12/2012	7/12/2012	7/12/2012
Time	22:00	01:00	02:19	03:30

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	5,233'	9,543'	3,500
Liner Tool				5,215'	5,233'	3,500
HWDP				3,836.33'	5,215'	3,500
Drill Pipe			3 1/2"	Surface	3,836.33'	3,500
Drill Collars						3,500
Open Hole			6 1/8"	Surface	9,804	Shots/Ft.
Perforations						
Perforations						
Perforations						

Materials

Mud Type	WBM	Density	9.1	Lb/Gal	
Disp. Fluid	Fresh Water	Density	8.33	Lb/Gal	
Spacer type	Gel	BBL.	30		8.90
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
7/12	3.0
Total	3.0

Operating Hours

Date	Hours
7/12	1.5
Total	1.5

Description of Job

Liner

Pressures

MAX 5000 AVG. 1150

Average Rates in BPM

MAX 6 BPM AVG 5.5

Cement Left in Pipe

Feet 44 Reason SHOE JOINT

Cement Data

Stage	Sacks	Cement	Additives	W/Rq.	Yield	Lbs/Gal
1	460	50/50 Premium Poz	(4%Gel) - 0.4% C12 - 0.1% C37 - 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		Type:		Preflush:	BBl	30.00	Type: 8.59#SPACER
Breakdown		MAXIMUM	5000psi	Load & Bkdn:	Gal - BBl	N/A	Pad:Bbl -Gal N/A
		Lost Returns-N	NO/FULL	Excess /Return	BBl	N/A	Calc.Disp Bbl 98
		Actual TOC	4,782	Calc. TOC:		4,782	Actual Disp. 96.00
Average		Bump Plug PSI:	1,900	Final Circ.	PSI:	1,000	Disp:Bbl
ISIP	5 Min.	10 Min.	15 Min	Cement Slurry:	BBl	120.5	
				Total Volume	BBl	246.54	

CUSTOMER REPRESENTATIVE _____

SIGNATURE

Logo

Back to Well Completion

Pepper 3419 1-4H (1087218)

Actions

View PDF
Delete
Edit
Certify & Submit
Request Confidentiality

Attachments

Two Year Confidentiality OPERATOR	View PDF Delete
Directional Survey OPERATOR	View PDF Delete
As Drilled Plat OPERATOR	View PDF Delete
Cement Reports OPERATOR	View PDF Delete

Add Attachment

Remarks

Remarks to KCC	

Add Remar

Remarks

Tiffany Golay 10/12/012 09:53 am	Additional Fluid Mgmt Info: 420bbls hauled to LoJo Disposal, Pit #1, SW/4 10-26N-15W, Woods, OK, License No. 563714 AND 280 bbls hauled to Weinett Disposal LLC, NW/4 Section 1079 Block 43, Lipscomb, TX, License # 10-0992
Tiffany Golay 10/01/012 10:48 am	Conductor: 14 yds of cement and 94 lbs/ft