



KANSAS CORPORATION COMMISSION 1087681
 OIL & GAS CONSERVATION DIVISION

Form ACO-1
 June 2009
 Form Must Be Typed
 Form must be Signed
 All blanks must be Filled

CONFIDENTIAL 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: Jay Chapman
 Purchaser: NCRA (Oil)

API No. 15 - 15-057-20800-01-00
 Spot Description: _____
SE NE NE NE Sec. 2 Twp. 27 S. R. 22 East West
350 Feet from North / South Line of Section
250 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Ford
 Lease Name: Powers Well #: 1-2H
 Field Name: _____
 Producing Formation: Mississippian
 Elevation: Ground: 2355 Kelly Bushing: 2375
 Total Depth: 9182 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at: 1225 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.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>4/29/2012</u>	<u>7/14/2012</u>	<u>7/18/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
 Chloride content: 38000 ppm Fluid volume: 1740 bbls
 Dewatering method used: Hauled to Disposal
 Location of fluid disposal if hauled offsite:
 Operator Name: Gray Mud Disposal
 Lease Name: W/2 of SW/4 License #: 99999
 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

Letter of Confidentiality Received
 Date: 08/27/2012

Confidential Release Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT I II III Approved by: NAOMI JAMES Date: 08/28/2012

Section 35
26S 22W

Section 36
26S 22W



Miss Entry: 5178'
-99.687979 37.731679

Top Perf: 5220'
-99.688006 37.731517

Section 2
27S 22W

Section 1
27S 22W

Bottom Perf: 8653'
-99.687808 37.722176

BHL: 9182'
-99.6878 37.720794

350' FSL 174' FEL

Section 11
27S 22W

Section 12
27S 22W



Actual Bottom-Hole Location of Powers 1-2H
Ford County, Kansas

T&R: 27S 22W
Section: 2, 350' FSL & 174' FEL
Long: -99.6878 37.720794

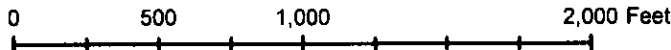
1 in = 667 ft



- Actual BH Location
- * SandRidge Wells

Perf

Sections



Draftsman:

Aaron Birk

Draft Date: 8/22/2012

Drawing Name/Number:

Addendum_Powers_1-2H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502



DrillRight™

TECHNOLOGY, INC.

Survey Calculation Program

Sandridge Energy
Powers 1-2H
Ford County, Kansas
Lariat 41

M.W.D. OPERATOR: Shane Miller/Colleen Swenson
DIRECTIONAL DRILLERS: Jon Ferguson/Wayne Swenson

Magnetic Declination:	6.37
Job #:	DR1206103
Vertical Section Azimuth	182.6

Minimum Curvature Calculation

Vertical Section Azimuth

No.	Survey Depth	INC	AZM	TVD	N-S	E-W	Vertical Section	DLS/100
Tie	0	0.0	0.0	0.00	0.00	0.00	0.00	
1	1393	0.4	324.8	1392.99	3.97	-2.80	-3.84	0.03
2	1805	0.2	317.8	1804.98	5.68	-4.11	-5.49	0.05
3	2281	0.5	15.2	2280.97	8.30	-4.13	-8.11	0.09
4	2758	0.4	356.8	2757.96	11.97	-3.68	-11.79	0.04
5	3234	0.9	308.9	3233.93	15.98	-6.68	-15.66	0.15
6	3710	0.6	41.2	3709.90	20.20	-7.95	-19.82	0.23
7	3945	0.9	90.2	3944.88	21.12	-5.29	-20.86	0.29
8	3964	0.6	97.7	3963.88	21.11	-5.04	-20.86	1.66
9	3995	1.4	138.0	3994.88	20.80	-4.63	-20.57	3.29
10	4027	3.4	155.7	4026.85	19.65	-3.98	-19.45	6.59
11	4059	6.0	168.6	4058.74	17.14	-3.25	-16.98	8.72
12	4091	8.1	179.3	4090.50	13.25	-2.90	-13.10	7.71
13	4123	10.2	186.7	4122.09	8.18	-3.20	-8.03	7.51
14	4154	12.4	189.6	4152.49	2.17	-4.07	-1.98	7.33
15	4186	13.5	192.0	4183.67	-4.87	-5.42	5.11	3.83
16	4218	13.1	195.0	4214.81	-12.03	-7.14	12.34	2.49
17	4250	14.0	194.0	4245.92	-19.29	-9.01	19.67	2.91
18	4281	15.3	190.8	4275.92	-26.94	-10.69	27.40	4.94
19	4313	17.5	187.5	4306.61	-35.86	-12.11	36.37	7.46
20	4345	19.7	187.6	4336.94	-45.98	-13.45	46.54	6.88
21	4377	21.2	189.8	4366.92	-57.03	-15.15	57.65	5.27
22	4409	23.1	191.2	4396.56	-68.89	-17.35	69.60	6.16
23	4440	25.0	191.9	4424.87	-81.26	-19.88	82.08	6.20
24	4472	27.2	191.6	4453.60	-95.05	-22.75	95.98	6.89
25	4504	29.9	191.6	4481.71	-110.03	-25.82	111.08	8.44
26	4536	33.1	192.3	4508.99	-126.38	-29.29	127.58	10.06
27	4567	37.1	191.9	4534.35	-143.81	-33.02	145.16	12.92
28	4599	41.2	191.7	4559.16	-163.58	-37.15	165.10	12.82
29	4631	43.7	192.0	4582.77	-184.71	-41.59	186.41	7.84
30	4663	45.7	192.5	4605.51	-206.71	-46.36	208.60	6.35
31	4695	47.9	191.9	4627.42	-229.51	-51.29	231.60	7.01
32	4727	49.4	190.5	4648.56	-253.07	-55.95	255.35	5.72
33	4758	49.7	189.8	4668.67	-276.29	-60.11	278.73	1.97
34	4790	49.3	189.8	4689.45	-300.27	-64.25	302.88	1.25



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Ford County, Kansas
Lariat 41

M.W.D. OPERATOR: Shane Miller/Colleen Swenson
DIRECTIONAL DRILLERS: Jon Ferguson/Wayne Swenson

Magnetic Declination: 6.37

Job #: DR1206103

Vertical Section Azimuth 182.6

Minimum Curvature Calculation

No.	Survey Depth	INC	AZM	TVD	N-S	E-W	Vertical Section	DIS/100
35	4822	48.8	189.3	4710.42	-324.10	-68.26	326.87	1.96
36	4854	48.9	190.1	4731.48	-347.85	-72.32	350.78	1.91
37	4886	49.2	190.4	4752.45	-371.64	-76.62	374.73	1.17
38	4917	48.6	189.8	4772.83	-394.64	-80.72	397.89	2.42
39	4949	49.7	188.8	4793.76	-418.52	-84.63	421.93	4.17
40	4981	52.4	187.3	4813.88	-443.16	-88.11	446.70	9.19
41	5013	55.5	186.4	4832.71	-468.85	-91.19	472.50	9.95
42	5044	58.1	186.5	4849.68	-494.62	-94.10	498.38	8.39
43	5076	61.5	187.2	4865.78	-522.07	-97.41	525.95	10.79
44	5107	65.0	188.4	4879.73	-549.49	-101.17	553.52	11.81
45	5139	66.6	189.6	4892.85	-578.32	-105.73	582.52	6.06
46	5171	69.8	190.5	4904.73	-607.57	-110.92	611.98	10.34
47	5203	72.1	189.5	4915.17	-637.36	-116.17	641.97	7.77
48	5234	74.5	189.3	4924.08	-666.65	-121.02	671.45	7.77
49	5266	76.6	188.5	4932.06	-697.26	-125.81	702.25	6.99
50	5298	79.4	187.7	4938.72	-728.25	-130.22	733.40	9.09
51	5330	82.7	188.1	4943.69	-759.55	-134.57	764.88	10.39
52	5361	86.8	187.3	4946.53	-790.14	-138.70	795.62	13.47
53	5393	89.4	184.1	4947.59	-821.96	-141.88	827.55	12.88