



KANSAS CORPORATION COMMISSION 1094313
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009

CONFIDENTIAL

WELL COMPLETION FORM

Form Must Be Typed
Form must be Signed
All blanks must be Filled

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 # 33596
Name: Unit Petroleum Company
Wellsite Geologist: Tammy Alcorn

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
 Conv. to GSW
 Plug Back: Plug Back Total Depth
 Commingled Permit #:
 Dual Completion Permit #:
 SWD Permit #:
 ENHR Permit #:
 GSW Permit #:

9/4/2012	9/20/2012	9/22/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-077-21878-01-00
Spot Description:
N2 N2 NE NE Sec. 27 Twp. 33 S. R. 5 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
County: Harper
Lease Name: Cooper 3305 Well #: 1-27H
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 1282 Kelly Bushing: 1302
Total Depth: 8518 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 595 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: 10500 ppm Fluid volume: 8400 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Blackrock Services, LLC
Lease Name: (soil farm) License #: 99999
Quarter SE Sec. 19 Twp. 29 S. R. 6 East West
County: Grant, OK Permit #: 12-21316

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: 01/02/2013
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 01/04/2013



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

Survey COOPER 3305 1-27H

Step #1 - Create a Deviation Survey

Step

#2 - Attach the survey "Description" to the Wellbore - Deviation Survey

Wellbores - Step #2

Actual Deviation Survey Cooper 3305 1-27H, Proposed? No	Wellbore Name Original Hole
--	--------------------------------

Deviation Surveys - Step #1

Description Cooper 3305 1-27H	Date 9/11/2012	VS Dir (°) 179.34	Comment
----------------------------------	-------------------	----------------------	---------

Tie-In Data

Azimuth North Type Grid	Convergence (°) 0.00	Declination (°) 4.12	MD Tie In (ftKB) 0.00	Azimuth Tie In (°) 0.00	Inclination Tie In (°) 0.00	TVD Tie In (ftKB) 0.00	NS Tie In (ft) 0.00	EW Tie In (ft) 0.00	DLS Tie In (ft) 0.00
----------------------------	-------------------------	-------------------------	--------------------------	----------------------------	--------------------------------	---------------------------	------------------------	------------------------	-------------------------

Survey Data

MD (ftKB)	Incl (°)	Azm (°)	Survey Company	Method	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
823	0.2	181.91	Baker Hughes INTEQ	MWD	823	1	-1.36	-0.05	0.02
915	0.1	328.14	Baker Hughes INTEQ	MWD	915	1	-1.44	-0.10	0.31
1,374	0.3	163.15	Baker Hughes INTEQ	MWD	1,374	2	-2.33	0.05	0.10
1,834	0.2	275.99	Baker Hughes INTEQ	MWD	1,834	4	-3.51	-0.44	0.10
2,310	0.4	275.95	Baker Hughes INTEQ	MWD	2,310	3	-3.26	-2.80	0.03
2,404	0.5	167.49	Baker Hughes INTEQ	MWD	2,404	4	-3.65	-2.99	0.76
2,499	0.4	359.94	Baker Hughes INTEQ	MWD	2,499	4	-3.70	-2.90	1.00
2,594	0.1	12.74	Baker Hughes INTEQ	MWD	2,594	3	-3.27	-2.88	0.37
2,689	0.7	310.72	Baker Hughes INTEQ	MWD	2,689	3	-2.82	-3.30	0.69
2,784	0.2	87.30	Baker Hughes INTEQ	MWD	2,784	2	-2.44	-3.61	0.85
2,878	0.4	252.75	Baker Hughes INTEQ	MWD	2,878	2	-2.53	-3.79	0.57
2,973	0.7	250.59	Baker Hughes INTEQ	MWD	2,973	3	-2.83	-4.66	0.35
3,068	0.4	100.91	Baker Hughes INTEQ	MWD	3,068	3	-3.09	-4.87	1.18
3,163	0.2	216.50	Baker Hughes INTEQ	MWD	3,163	3	-3.29	-4.60	0.58
3,258	0.3	121.26	Baker Hughes INTEQ	MWD	3,258	3	-3.53	-4.51	0.35
3,448	0.3	284.92	Baker Hughes INTEQ	MWD	3,448	4	-3.62	-4.62	0.29
3,511	0.3	214.44	Baker Hughes INTEQ	MWD	3,511	4	-3.70	-4.86	0.52
3,574	3.5	184.13	Baker Hughes INTEQ	MWD	3,574	6	-5.73	-5.08	5.19
3,605	6.7	181.59	Baker Hughes INTEQ	MWD	3,605	8	-8.47	-5.20	10.28
3,637	9.1	181.11	Baker Hughes INTEQ	MWD	3,636	13	-12.86	-5.30	7.60
3,668	11.8	181.95	Baker Hughes INTEQ	MWD	3,667	18	-18.48	-5.46	8.79
3,700	13.5	181.36	Baker Hughes INTEQ	MWD	3,698	25	-25.50	-5.66	5.30
3,731	14.7	178.44	Baker Hughes INTEQ	MWD	3,728	33	-33.06	-5.63	4.58
3,762	17.8	175.72	Baker Hughes INTEQ	MWD	3,758	42	-41.73	-5.17	10.14
3,794	20.9	174.81	Baker Hughes INTEQ	MWD	3,788	52	-52.30	-4.29	9.86
3,825	24.3	174.75	Baker Hughes INTEQ	MWD	3,817	64	-64.17	-3.21	10.90
3,857	24.7	175.37	Baker Hughes INTEQ	MWD	3,846	77	-77.40	-2.06	1.57
3,889	24.7	175.39	Baker Hughes INTEQ	MWD	3,875	91	-90.74	-0.99	0.13
3,920	25.2	175.75	Baker Hughes INTEQ	MWD	3,903	104	-103.78	0.02	1.75
3,952	26.7	175.93	Baker Hughes INTEQ	MWD	3,932	118	-117.74	1.04	4.48
3,984	27.7	176.02	Baker Hughes INTEQ	MWD	3,960	132	-132.33	2.07	3.41
4,015	28.2	175.89	Baker Hughes INTEQ	MWD	3,988	147	-146.82	3.09	1.37
4,047	29.2	175.63	Baker Hughes INTEQ	MWD	4,016	162	-162.15	4.23	3.40
4,079	30.8	175.98	Baker Hughes INTEQ	MWD	4,044	178	-178.11	5.40	4.84
4,111	32.8	176.49	Baker Hughes INTEQ	MWD	4,071	195	-194.93	6.50	6.43
4,142	34.3	176.18	Baker Hughes INTEQ	MWD	4,097	212	-212.03	7.60	4.74
4,174	36.5	175.54	Baker Hughes INTEQ	MWD	4,123	231	-230.51	8.94	6.94
4,206	39.1	174.87	Baker Hughes INTEQ	MWD	4,148	250	-250.03	10.58	8.19
4,237	42.1	174.63	Baker Hughes INTEQ	MWD	4,171	270	-270.12	12.43	9.92
4,269	43.7	174.40	Baker Hughes INTEQ	MWD	4,195	292	-291.80	14.51	4.78
4,300	45.5	174.99	Baker Hughes INTEQ	MWD	4,217	314	-313.46	16.52	6.18
4,332	48.5	176.34	Baker Hughes INTEQ	MWD	4,239	337	-336.80	18.28	9.81
4,364	50.5	177.50	Baker Hughes INTEQ	MWD	4,260	361	-361.09	19.58	6.74
4,395	51.0	178.14	Baker Hughes INTEQ	MWD	4,279	385	-385.07	20.50	2.27
4,427	51.3	177.73	Baker Hughes INTEQ	MWD	4,299	410	-409.97	21.39	1.39



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

Survey COOPER 3305 1-27H

Step #1 - Create a Deviation Survey

Step

#2 - Attach the survey "Description" to the Wellbore - Deviation Survey

Survey Data

MD (ft)	Incl (°)	Azn (°)	Survey Company	Method	TVD (ft)	VS (ft)	NS (ft)	EW (ft)	DLS (1/100ft)
4,459	51.7	178.06	Baker Hughes INTEQ	MWD	4,319	435	-434.98	22.31	1.49
4,522	53.7	178.32	Baker Hughes INTEQ	MWD	4,357	485	-485.08	23.90	3.29
4,554	56.9	178.87	Baker Hughes INTEQ	MWD	4,376	512	-511.38	24.54	9.94
4,586	60.0	180.16	Baker Hughes INTEQ	MWD	4,392	539	-538.65	24.76	10.43
4,617	63.4	181.06	Baker Hughes INTEQ	MWD	4,407	566	-565.94	24.47	11.14
4,649	66.8	181.51	Baker Hughes INTEQ	MWD	4,420	595	-594.96	23.82	10.79
4,681	70.0	181.55	Baker Hughes INTEQ	MWD	4,432	625	-624.71	23.02	10.00
4,712	73.7	181.39	Baker Hughes INTEQ	MWD	4,442	654	-654.15	22.27	11.72
4,744	77.0	181.02	Baker Hughes INTEQ	MWD	4,450	685	-685.09	21.62	10.34
4,776	80.0	180.34	Baker Hughes INTEQ	MWD	4,456	717	-716.44	21.25	9.76
4,807	82.5	180.64	Baker Hughes INTEQ	MWD	4,461	747	-747.07	20.98	8.06
4,839	85.0	181.21	Baker Hughes INTEQ	MWD	4,465	779	-778.88	20.47	8.10
4,871	87.5	181.76	Baker Hughes INTEQ	MWD	4,467	811	-810.79	19.64	7.91
4,938	88.9	182.23	Baker Hughes INTEQ	MWD	4,469	878	-877.72	17.31	2.29
4,970	87.9	182.35	Baker Hughes INTEQ	MWD	4,470	910	-909.68	16.03	3.24
5,033	87.6	182.88	Baker Hughes INTEQ	MWD	4,472	973	-972.57	13.16	0.95
5,128	90.8	182.37	Baker Hughes INTEQ	MWD	4,473	1,067	-1,067.45	8.81	3.41
5,192	87.9	182.12	Baker Hughes INTEQ	MWD	4,474	1,131	-1,131.39	6.30	4.59
5,255	88.6	182.17	Baker Hughes INTEQ	MWD	4,476	1,194	-1,194.31	3.95	1.08
5,318	88.8	182.04	Baker Hughes INTEQ	MWD	4,477	1,257	-1,257.25	1.63	0.41
5,381	89.4	181.90	Baker Hughes INTEQ	MWD	4,479	1,320	-1,320.21	-0.53	0.90
5,444	89.9	181.93	Baker Hughes INTEQ	MWD	4,479	1,383	-1,383.17	-2.64	0.80
5,507	89.8	181.63	Baker Hughes INTEQ	MWD	4,479	1,446	-1,446.14	-4.59	0.50
5,570	89.4	181.02	Baker Hughes INTEQ	MWD	4,480	1,509	-1,509.12	-6.05	1.16
5,634	86.4	180.64	Baker Hughes INTEQ	MWD	4,482	1,573	-1,573.06	-6.98	4.71
5,697	88.8	180.16	Baker Hughes INTEQ	MWD	4,485	1,636	-1,636.00	-7.42	3.98
5,760	89.4	180.44	Baker Hughes INTEQ	MWD	4,486	1,699	-1,698.99	-7.75	1.08
5,792	90.2	178.92	Baker Hughes INTEQ	MWD	4,486	1,731	-1,730.99	-7.57	5.26
5,855	90.7	178.63	Baker Hughes INTEQ	MWD	4,485	1,794	-1,793.97	-6.22	1.03
5,918	91.3	178.54	Baker Hughes INTEQ	MWD	4,484	1,857	-1,856.94	-4.66	0.90
5,981	91.3	178.04	Baker Hughes INTEQ	MWD	4,483	1,920	-1,919.90	-2.79	0.79
6,045	89.3	177.55	Baker Hughes INTEQ	MWD	4,482	1,984	-1,983.85	-0.32	3.20
6,108	89.1	178.40	Baker Hughes INTEQ	MWD	4,483	2,047	-2,046.80	1.90	1.39
6,171	90.3	178.89	Baker Hughes INTEQ	MWD	4,483	2,110	-2,109.74	4.49	3.04
6,235	90.6	177.45	Baker Hughes INTEQ	MWD	4,483	2,174	-2,173.66	7.65	0.98
6,266	90.9	177.31	Baker Hughes INTEQ	MWD	4,483	2,205	-2,204.63	9.07	1.04
6,361	90.8	178.78	Baker Hughes INTEQ	MWD	4,481	2,300	-2,299.56	12.31	1.55
6,455	91.7	178.36	Baker Hughes INTEQ	MWD	4,479	2,394	-2,393.51	14.65	1.10
6,550	91.2	178.06	Baker Hughes INTEQ	MWD	4,477	2,488	-2,488.43	17.62	0.66
6,645	88.7	177.15	Baker Hughes INTEQ	MWD	4,477	2,583	-2,583.34	21.59	2.74
6,740	89.2	177.71	Baker Hughes INTEQ	MWD	4,479	2,678	-2,678.23	25.85	0.79
6,835	89.1	177.91	Baker Hughes INTEQ	MWD	4,480	2,773	-2,773.15	29.48	0.25
6,930	88.3	177.10	Baker Hughes INTEQ	MWD	4,482	2,868	-2,868.03	33.61	1.23
7,024	88.7	177.12	Baker Hughes INTEQ	MWD	4,485	2,962	-2,961.88	38.35	0.43
7,119	89.0	176.12	Baker Hughes INTEQ	MWD	4,487	3,057	-3,056.69	43.95	1.10
7,214	89.8	177.25	Baker Hughes INTEQ	MWD	4,488	3,152	-3,151.53	49.44	1.49
7,309	89.4	177.45	Baker Hughes INTEQ	MWD	4,488	3,247	-3,246.42	53.84	0.54
7,404	90.3	178.62	Baker Hughes INTEQ	MWD	4,489	3,342	-3,341.36	57.09	1.61
7,499	89.7	179.50	Baker Hughes INTEQ	MWD	4,488	3,437	-3,436.35	58.65	1.13
7,594	89.0	177.80	Baker Hughes INTEQ	MWD	4,490	3,532	-3,531.31	60.89	1.95
7,689	92.1	179.76	Baker Hughes INTEQ	MWD	4,489	3,627	-3,626.27	62.91	3.88
7,784	91.0	180.23	Baker Hughes INTEQ	MWD	4,486	3,722	-3,721.23	62.92	1.24



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

Survey
COOPER 3305 1-27H

Step #1 - Create a Deviation Survey

Step

#2 - Attach the survey "Description" to the Wellbore - Deviation Survey

Survey Data

MD (ft)	Incl (°)	Azm (°)	Survey Company	Method	TVD (ft)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
7,878	88.9	180.08	Baker Hughes INTEQ	MWD	4,486	3,816	-3,815.23	62.67	2.27
7,972	89.0	179.70	Baker Hughes INTEQ	MWD	4,488	3,910	-3,909.21	62.85	0.42
8,068	88.8	179.42	Baker Hughes INTEQ	MWD	4,490	4,006	-4,005.19	63.58	0.39
8,162	89.0	180.20	Baker Hughes INTEQ	MWD	4,492	4,100	-4,099.17	63.90	0.88
8,258	90.8	180.19	Baker Hughes INTEQ	MWD	4,492	4,196	-4,195.17	63.57	1.83
8,352	90.4	180.70	Baker Hughes INTEQ	MWD	4,491	4,290	-4,289.16	62.84	0.71
8,448	89.9	181.09	Baker Hughes INTEQ	MWD	4,491	4,386	-4,385.14	61.34	0.68
8,518	89.9	181.09	Baker Hughes INTEQ	MWD	4,491	4,456	-4,455.13	60.01	0.00

Section 22
33S 5W

Section 23
33S 5W

COOPER 3305 1-27H



Miss Entry: 4435'
-97.840705 37.141217

Top Perf: 4930'
-97.840765 37.151042

ROSE 3305 1-26H

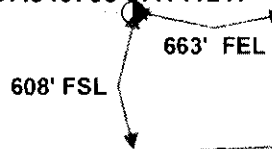


Section 27
33S 5W

Section 26
33S 5W

Bottom Perf: 8098'
-97.840682 37.142452

BHL: 8515'
-97.840705 37.141217



Section 34
33S 5W

Section 35
33S 5W



● Actual BH Location

* SandRidge Wells

Perf

Sections

Actual Bottom-Hole Location of Cooper 3305 1-27H
Harper County, Kansas
T&R: 33S 5W
Section: 27, 663' FEL & 608' FSL
Long/Lat: -97.840705 37.141217

1 in = 833 ft

0 625 1,250 2,500 Feet



Draftsman:

Aaron Birk

Draft Date: 12/28/2012

Drawing Name/Number:

Addendum_Cooper_1-27H .mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502