



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: Tammy Alcorn
Purchaser: NCRA

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 #: _____

12/28/2011	1/19/2012	1/21/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-077-21790-01-00
Spot Description: _____
N2 N2 NW NW Sec. 5 Twp. 33 S. R. 6 East West
200 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: Ferris Well #: 1-5H
Field Name: _____
Producing Formation: Mississippi
Elevation: Ground: 1373 Kelly Bushing: 1353
Total Depth: 9999 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 670 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: 6100 bbls
Dewatering method used: Haul Off Pit
Location of fluid disposal if hauled offsite:
Operator Name: Magnet
Lease Name: unknown License #: 99999
Quarter SW Sec. 24 Twp. 29 S. R. 10 East West
County: Alfalfa, OK Permit #: 12-19257

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: 04/18/2012
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 04/19/2012

DIRECTIONAL SURVEY CALCULATION

MINIMUM CURVATURE METHOD

Well Name		Target Direction	Slot	N / S	E / W	Hole Size	Calculation by	Date		
Ferris 1-5H		179.17	Coordinate					2/28/12		
Job Number		Type of Survey	Tie-in Point				Directional Co.			
0										
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up */100 ft	Walk/ */100 ft
						N + / S -	E + / W -			
0	0	0	0	0.00	0.00					
15	0	179	15	15.00	0.00	0.00	0.00	0.00	0.00	1,194.47
692	0	189	677	691.99	2.56	-2.57	-0.39	0.06	0.06	1.40
875	0	213	183	874.99	3.64	-3.65	-0.75	0.12	-0.08	13.55
1150	0	145	275	1,149.99	4.91	-4.92	-0.66	0.13	0.02	-24.83
1618	1	190	468	1,617.97	8.58	-8.59	-0.28	0.10	0.06	9.55
2097	1	273	479	2,096.94	10.90	-10.96	-4.06	0.20	0.04	17.38
2577	1	227	480	2,576.90	12.90	-13.04	-9.87	0.13	0.00	-9.53
3057	1	274	480	3,056.84	14.70	-14.95	-17.18	0.18	0.08	9.76
3535	1	292	478	3,534.78	13.29	-13.64	-24.37	0.13	-0.12	3.71
3598	2	201	63	3,597.76	14.36	-14.73	-25.14	3.89	2.78	-144.92
3630	5	191	32	3,629.70	16.26	-16.63	-25.62	7.49	7.28	-30.41
3662	8	188	32	3,661.51	19.61	-20.00	-26.16	8.96	8.91	-9.47
3694	10	186	32	3,693.13	24.46	-24.85	-26.75	7.89	7.84	-5.34
3726	12	181	32	3,724.53	30.64	-31.04	-27.13	7.64	7.09	-14.69
3759	14	178	33	3,756.68	38.05	-38.44	-27.11	4.51	3.94	-9.82
3791	16	175	32	3,787.63	46.16	-46.55	-26.58	7.48	6.88	-11.63
3823	18	175	32	3,818.25	55.44	-55.82	-25.74	6.81	6.78	1.97
3855	20	176	32	3,848.46	65.96	-66.33	-24.93	7.76	7.72	2.53
3887	23	176	32	3,878.18	77.79	-78.15	-24.08	8.06	8.06	-0.47
3919	26	175	32	3,907.29	91.05	-91.40	-23.00	9.45	9.38	-2.84
3951	29	176	32	3,935.62	105.90	-106.23	-21.88	10.58	10.38	4.47
3983	32	176	32	3,963.20	122.10	-122.41	-20.80	6.89	6.88	-1.00
4015	33	174	32	3,990.28	139.09	-139.39	-19.35	4.83	3.88	-5.41
4047	34	177	32	4,016.96	156.73	-157.01	-18.05	6.75	4.56	9.00
4078	37	176	31	4,042.16	174.76	-175.03	-17.03	8.76	8.65	-2.45
4110	39	177	32	4,067.47	194.32	-194.57	-15.83	4.94	4.94	0.44
4142	39	178	32	4,092.39	214.39	-214.62	-14.84	3.23	2.13	3.87
4174	41	179	32	4,116.93	234.92	-235.15	-14.19	4.82	4.56	2.44
4206	41	177	32	4,141.05	255.93	-256.16	-13.40	3.90	2.50	-4.56
4237	45	179	31	4,163.68	277.12	-277.33	-12.75	11.83	10.77	7.16
4270	47	180	33	4,186.57	300.88	-301.09	-12.56	7.69	7.64	1.24
4302	49	179	32	4,207.92	324.72	-324.93	-12.38	5.29	5.22	-1.13
4347	51	179	45	4,236.97	359.08	-359.29	-12.00	3.56	3.56	-0.02
4398	51	180	51	4,269.37	398.46	-398.67	-11.63	0.29	-0.14	0.33
4443	50	178	45	4,298.19	433.02	-433.23	-11.01	2.45	-1.51	-2.51
4494	49	179	51	4,331.48	471.66	-471.85	-10.04	2.36	-2.31	0.61
4526	50	178	32	4,352.38	495.89	-496.08	-8.43	3.69	3.59	-1.09
4558	53	179	32	4,372.38	520.86	-521.04	-8.80	9.35	9.31	1.12
4591	55	180	33	4,391.87	547.49	-547.67	-8.53	7.02	6.18	4.12
4623	58	180	32	4,409.57	574.14	-574.32	-8.57	9.81	9.81	-0.03
4654	62	180	31	4,425.19	600.91	-601.10	-8.62	11.42	11.42	0.23
4686	64	181	32	4,439.86	629.34	-629.53	-8.96	8.16	7.59	3.37
4718	67	184	32	4,453.02	658.45	-658.67	-10.18	12.81	11.06	7.09
4750	71	181	32	4,464.30	688.34	-688.58	-11.43	13.31	11.69	-6.81
4782	74	181	32	4,473.79	718.88	-719.13	-11.99	9.65	9.53	-1.59
4814	78	179	32	4,481.44	749.94	-750.20	-11.96	13.00	11.91	-5.38
4846	82	179	32	4,486.92	781.46	-781.71	-11.37	12.86	12.81	-1.09
4877	85	180	31	4,490.31	812.27	-812.52	-10.93	10.41	10.00	2.90
4909	87	179	32	4,492.58	844.19	-844.43	-10.44	5.17	4.03	-3.25
4967	90	177	58	4,494.35	902.14	-902.35	-8.23	6.41	5.81	-2.71
5028	90	177	61	4,494.53	963.09	-963.26	-4.87	0.72	-0.36	-0.62
5089	90	177	61	4,494.90	1,024.03	-1,024.16	-1.37	0.30	-0.21	0.21
5150	90	176	61	4,495.31	1,084.94	-1,085.02	2.71	2.03	0.07	-2.03
5211	90	177	61	4,495.74	1,145.85	-1,145.87	6.95	1.58	-0.11	1.57
5302	89	175	91	4,496.54	1,236.70	-1,236.63	13.44	1.30	-0.13	-1.30
5394	90	175	92	4,497.16	1,328.47	-1,328.30	21.24	0.55	0.37	-0.40
5486	89	176	92	4,498.25	1,420.28	-1,420.02	28.21	1.82	-0.99	1.53

DIRECTIONAL SURVEY CALCULATION

MINIMUM CURVATURE METHOD

Well Name		Target Direction		Slot	N / S	E / W	Hole Size	Calculation by		Date
Ferris 1-5H		179.17		Coordinate						2/28/12
Job Number		Type of Survey		Tie-in Point				Directional Co.		
0										
Measured Depth	Hole Angle	Hole Direction	Course Length	True Vertical Depth	Vertical Section	Total Coordinate		Dogleg Severity	Build Up */100 ft	Walk/ */100 ft
						N + / S -	E + / W -			
0	0	0	0	0.00	0.00					
<< TIE-IN POINT >>										
5579	89	175	93	4,500.22	1,513.10	-1,512.75	35.07	1.28	-0.18	-1.27
5671	89	177	92	4,502.19	1,604.95	-1,604.52	41.13	2.27	0.15	2.28
5763	88	175	92	4,504.36	1,696.80	-1,696.30	47.06	2.12	-0.41	-2.08
5854	88	178	91	4,507.22	1,787.66	-1,787.08	52.56	2.65	-0.57	2.59
5946	89	179	92	4,509.65	1,879.61	-1,879.02	54.82	2.26	1.20	1.92
6036	90	178	90	4,510.62	1,969.61	-1,968.99	56.61	1.58	0.76	-1.39
6128	90	179	92	4,510.89	2,061.60	-2,060.95	59.19	0.43	0.24	0.36
6223	90	179	95	4,510.60	2,156.59	-2,155.94	61.04	0.84	0.49	0.68
6319	90	179	96	4,509.90	2,252.59	-2,251.92	62.50	0.17	0.02	-0.17
6415	91	180	96	4,508.36	2,348.57	-2,347.90	62.92	1.77	1.02	1.45
6511	91	178	96	4,506.39	2,444.54	-2,443.87	64.37	2.76	-0.49	-2.72
6606	91	177	95	4,504.75	2,539.49	-2,538.77	66.27	0.39	0.11	-0.38
6702	88	180	96	4,505.79	2,635.46	-2,634.72	70.31	4.41	-3.46	2.73
6798	87	179	96	4,510.21	2,731.36	-2,730.62	70.76	1.05	-0.75	-0.74
6895	88	179	97	4,514.84	2,828.25	-2,827.50	71.92	0.57	0.55	-0.14
6991	87	181	96	4,519.68	2,924.10	-2,923.37	71.42	2.38	-0.89	2.21
7087	89	179	96	4,523.27	3,020.01	-3,019.29	71.44	3.77	2.46	-2.85
7184	91	180	97	4,523.63	3,117.00	-3,116.28	72.34	2.33	1.54	1.75
7280	91	179	96	4,522.30	3,212.88	-3,212.26	73.01	1.60	0.55	-1.50
7376	91	179	96	4,520.40	3,308.96	-3,308.22	74.84	0.16	0.16	0.05
7473	91	179	97	4,518.46	3,405.94	-3,405.19	76.39	0.35	-0.13	0.32
7568	90	179	95	4,517.53	3,500.94	-3,500.18	77.72	1.10	-1.09	-0.08
7664	91	179	96	4,517.07	3,596.94	-3,596.16	79.41	0.60	0.49	-0.35
7760	89	177	96	4,517.21	3,692.90	-3,692.08	83.23	2.61	-1.24	-2.29
7855	88	177	95	4,519.58	3,787.80	-3,786.91	88.20	1.76	-1.57	0.80
7951	90	176	96	4,521.73	3,883.69	-3,882.75	93.33	2.06	1.84	-0.93
8018	90	178	67	4,522.17	3,950.65	-3,949.66	96.66	1.97	0.07	1.97
8110	89	179	92	4,523.26	4,042.63	-4,041.61	99.61	1.05	-0.72	0.76
8201	89	182	91	4,524.99	4,133.58	-4,132.58	99.30	3.71	-0.18	3.70
8293	91	181	92	4,525.50	4,225.52	-4,224.55	97.32	2.33	1.86	-1.40
8385	91	180	92	4,524.46	4,317.50	-4,316.54	97.10	1.00	0.23	-0.98
8478	90	180	93	4,524.01	4,410.49	-4,409.54	97.64	1.01	-1.01	-0.05
8569	90	182	91	4,523.93	4,501.46	-4,500.53	96.60	2.29	0.53	2.23
8661	90	182	92	4,523.59	4,593.37	-4,592.49	93.89	0.18	-0.17	0.04
8753	89	180	92	4,523.94	4,685.33	-4,684.47	92.76	2.32	-0.75	-2.20
8844	89	182	91	4,525.01	4,776.29	-4,775.46	91.80	2.03	-0.25	2.01
8935	91	182	91	4,524.88	4,867.20	-4,866.42	89.24	1.92	1.91	0.21
9026	92	183	91	4,522.53	4,958.02	-4,957.30	85.34	2.01	1.16	1.64
9119	92	182	93	4,519.35	5,050.82	-5,050.16	81.52	1.81	-0.11	-1.81
9222	91	180	103	4,516.94	5,153.75	-5,153.12	80.28	1.96	-1.11	-1.62
9302	91	181	80	4,515.92	5,233.72	-5,233.11	79.64	1.53	-0.09	1.53
9405	90	179	103	4,515.14	5,336.70	-5,336.10	80.00	2.52	-0.52	-2.47
9492	90	176	87	4,515.35	5,423.66	-5,423.01	83.86	2.55	-0.68	-2.46
9588	89	179	96	4,516.55	5,519.60	-5,518.90	88.09	2.34	-0.60	2.26
9683	89	179	95	4,518.14	5,614.58	-5,613.87	89.98	0.64	0.12	0.63
9778	89	178	95	4,519.85	5,709.56	-5,708.81	92.74	1.77	-0.28	-1.75
9873	88	180	95	4,522.35	5,804.51	-5,803.75	94.51	3.10	-0.71	3.02
9969	89	179	96	4,525.10	5,900.46	-5,899.71	94.74	1.14	0.41	-1.06
10064	84	179	95	4,531.42	5,995.23	-5,994.46	96.28	5.00	-4.97	-0.59
10160	85	179	96	4,540.38	6,090.80	-6,090.02	97.87	1.77	1.69	0.53
10254	91	182	94	4,542.90	6,184.69	-6,183.94	97.09	6.88	6.41	2.50
10349	91	182	95	4,540.99	6,279.59	-6,278.88	94.46	0.70	-0.68	-0.13
10445	91	182	96	4,539.67	6,375.50	-6,374.84	91.88	0.10	-0.09	0.02
10540	92	181	95	4,537.51	6,470.39	-6,469.78	89.39	1.18	1.18	-0.11
10636	92	182	96	4,534.33	6,566.25	-6,565.69	86.66	0.38	0.08	0.38
10732	91	182	96	4,531.63	6,662.10	-6,661.59	83.42	0.74	-0.69	0.26
10828	90	181	96	4,530.90	6,758.02	-6,757.56	81.18	2.30	-1.75	-1.50

Section 31
32S 6W

Section 32
32S 6W

Section 33
32S 6W

FERRIS 1-5H



Miss Entry: 4718

Long/Lat: -98.000242 37.207995

Top Perf: 5089'

Long/Lat: -98.000218 37.206991

Section 34
33S 6W

Section 6
33S 6W

Section 5
33S 6W

Section 7
33S 6W

Section 8
33S 6W

Bottom Perf: 10828'

Long/Lat: -98.00004 37.191244

BHL: 11305'

Long/Lat: -98.000099 37.189937

2227' FNL

702' FWL



● Actual BH Location

* SandRidge Wells

○ Perf

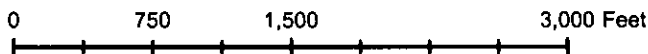
Actual Bottom-Hole Location of Ferris 1-5H
Harper County, Kansas

T&R: 33S 6W

Section: 8, 702' FWL & 2227' FNL

Long/Lat: -98.000099 37.189937

1 in = 1,042 ft



Draftsman:

Aaron Birk

Draft Date: 4/17/2012

Drawing Name/Number:

Addendum_Ferris_1-5H.mxd

Coordinate System:

NAD 1927 State Plane
Kansas South FIPS: 1502

□ Sections