CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1066257

Form ACO-1
June 2009
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: Gil Messersmith
Phone: (405) 429-5500
CONTRACTOR: License # 34464
Name: Lariat Services, Inc.
Wellsite Geologist: Kathy Gentry
Purchaser: NCRA

Designate Type of Completion:

- [x] New Well [ ] Re-Entry [ ] Workover
- [x] 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 #:

10/10/2011	10/25/2011	12/03/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-033-21595-01-00
Spot Description:
S2 - S2 - SE - SE Sec. 25 Twp. 31 S. R. 20 [ ] East [x] West
250 Feet from [ ] North / [x] South Line of Section
660 Feet from [x] East / [ ] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [ ] NW [x] SE [ ] SW
County: Comanche
Lease Name: Mariah Well #: 1-36H
Field Name: PIPELINE NORTHWEST
Producing Formation: Mississippi
Elevation: Ground: 2071 Kelly Bushing: 2091
Total Depth: 9999 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 834 Feet
Multiple Stage Cementing Collar Used? [ ] Yes [x] 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: 9350 ppm Fluid volume: 2080 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Native American water service's LLC
Lease Name: German #2 SWD License #: 34025
Quarter NE Sec. 28 Twp. 29 S. R. 22 [ ] East [x] West
County: Harper Permit #: OCC 222660

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

- [x] Letter of Confidentiality Received
  Date: 01/23/2012
- [ ] Confidential Release Date:
- [x] Wireline Log Received
- [ ] Geologist Report Received
- [ ] UIC Distribution

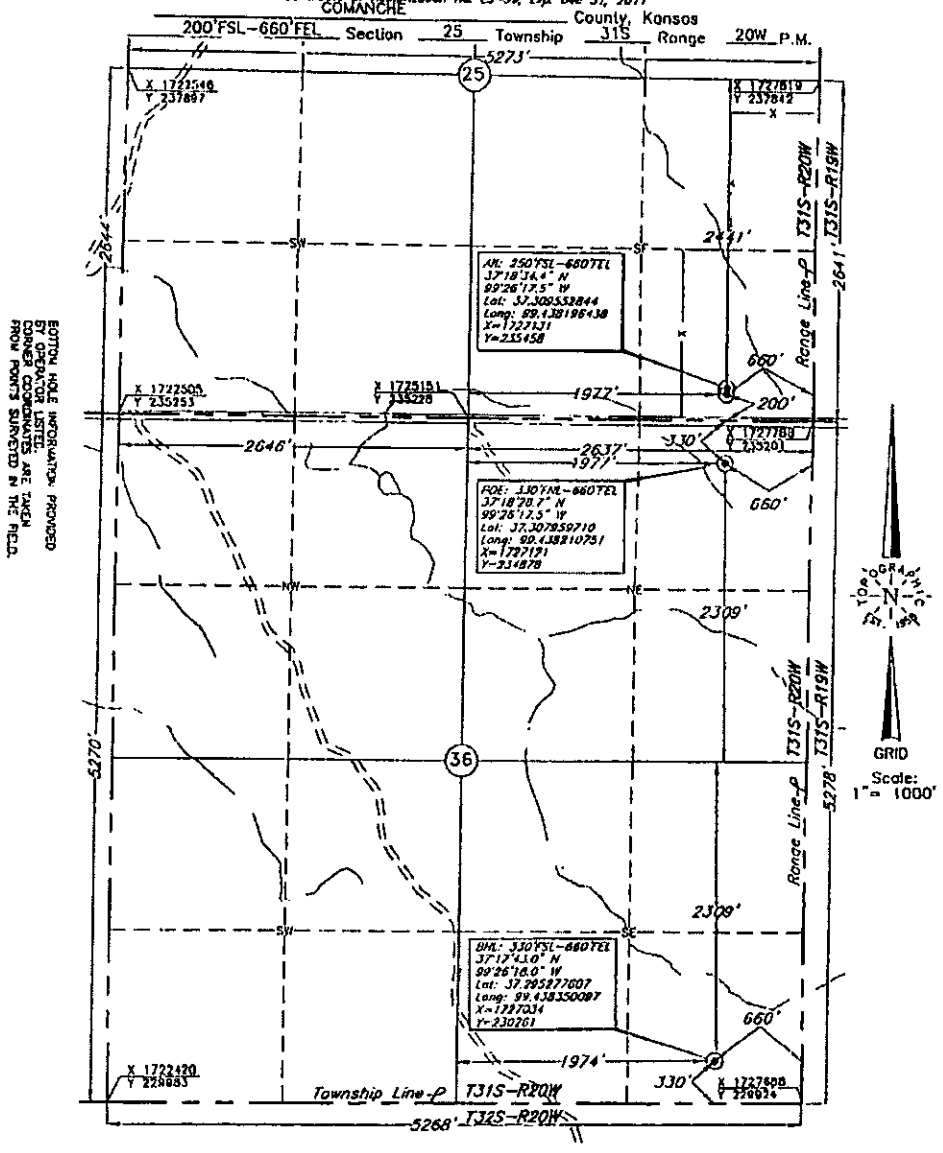
ALT [x] I [ ] II [ ] III Approved by: NAOMI JAMES Date: 01/24/2012

TOPOGRAPHIC LAND SURVEYORS

6709 NORTH CLASSEN BLVD., OKLA. CITY, OKLA. 73116 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219
Certificate of Authorization No. LS-98, Exp. Dec 31, 2011

COMANCHE County, Kansas

200'FSL–660'FEL Section 25 Township 31S Range 20W P.M.



This location has been very carefully staked on the ground according to the best official survey records, maps, and photographs available to us, but its accuracy is not guaranteed.
Review this plat and notify us immediately of any possible discrepancy.

Distances shown in (parenthesis) are calculated based upon the Quarter Section being 2640 feet, and have not been measured.

Operator: SANDRIDGE ENERGY, INC.

Lease Name: MARIAH Well No.: 1-36H

ELEVATION: 2069' Gr. at Stake

Topography & Vegetation: Loc. fell in sloped alfalfa field, 117' North of E–W pipeline
Alt: fell in sloped alfalfa field

Good Drill Site? No Alt: Yes

Reference Stakes or Alternate Location
Stakes Set: 250'FNL–660'FEL Elev: 2069' at Gr.

Best Accessibility to Location: From South

Distance & Direction from Hwy Jct or Town: From the Jct. of US. Hwy. 183 & US. Hwy. 160 East, North of Coldwater, Ks., go 2 miles North on US. Hwy. 183, then 6 miles West to the SE Cor. of Sec. 25–T31S–R20W

(The following information was gathered using a GPS receiver Accuracy ±2–3 Meters.)

GPS
DATUM: NAD–27
LAT: 37°18'33.9"N
LONG: 99°26'17.5"W
LAT: 37.309415501
LONG: 99.438198146
STATE PLANE COORDINATES:
ZONE: KS SOUTH
X: 1727130
Y: 235408

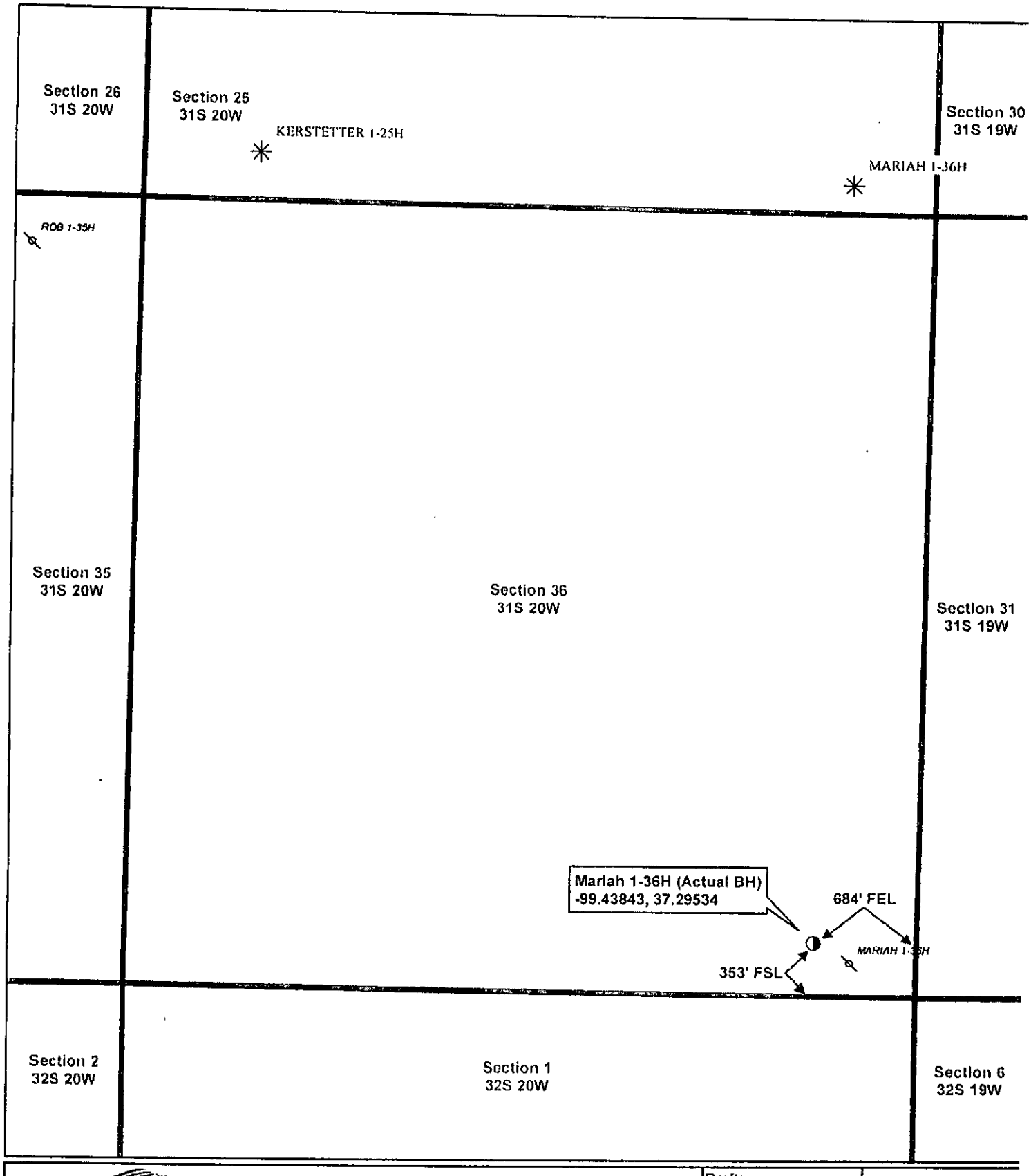
Date of Drawing: Jun. 23, 2011
Invoice # 169225 Date Staked: Jun. 17, 2011 LC

CERTIFICATE:

I, T. Wayne Fisch a Registered Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify that the above described well location was surveyed and staked on the ground as shown herein.

Kansas Reg. No. 1213

T. WAYNE FISCH LICENSED LS–1213 6/24/2015 LAND SURVEYOR



SANDRIDGE
THE POWER OF US

Actual BH Location
Projected BH
SandRidge Wells
PLSS Sections

Actual Bottom-Hole Location of Mariah 1-36H
Comanche County, Kansas
T&R: 31S 20W
Section: 36, 353' FSL & 684' FEL
Long: -99.43843, Lat: 37.29534

1 in = 833 ft

0 600 1,200 2,400 Feet

Draftsman: Matt White	Draft Date: 1/23/2012
Drawing Name/Number: Addendum_Mariah_1-36H.mxd	
Coordinate System: NAD 1927 State Plane Kansas South FIPS: 1502	

DRILTECH MWD SURVEY REPORT

Company:	Sandridge Energy	Job Number:	KTX-021	Calculation Method	Minimum Curvature
Well:	Mariah 1-36H	Magnetic Decl.:	6.15	Proposed Azimuth	181.07
Location:	Sec 25- T31S- R20W	Grid Corr.:		WELL API #	
Rig:	Lariet 38	Total Grid Corr.:	6.15	Tie Into:	MWD

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')
Tie In	Mwd	0	0.00	0.00	0	0	0	0		0		0	0	0	0
1	Mwd	859.00	0.60	249.60	859	858.98	1.65	1.57	S	4.22	W	4.50	249.60	0.07	0.07
2	Mwd	1133.00	1.00	267.90	274	1132.96	2.30	2.16	S	7.95	W	8.24	254.83	0.17	0.15
3	Mwd	1610.00	0.80	1.60	477	1609.92	-0.80	1.02	N	12.02	W	12.06	274.86	0.28	-0.04
4	Mwd	2086.00	0.80	343.70	476	2085.87	-7.29	7.53	N	12.86	W	14.90	300.36	0.05	0.00
5	Mwd	2562.00	0.80	0.30	476	2561.83	-13.78	14.04	N	13.77	W	19.67	315.56	0.05	0.00
6	Mwd	3038.00	0.50	269.70	476	3037.80	-17.06	17.36	N	15.83	W	23.49	317.63	0.20	-0.06
7	Mwd	3514.00	0.80	313.10	476	3513.78	-19.23	19.62	N	20.33	W	28.25	313.97	0.12	0.06
8	Mwd	3989.00	1.00	345.30	475	3988.72	-25.44	25.89	N	23.81	W	35.17	317.40	0.11	0.04
9	Mwd	4021.00	1.00	351.70	32	4020.72	-25.99	26.44	N	23.92	W	35.65	317.86	0.35	0.00
10	Mwd	4053.00	0.80	357.70	32	4052.71	-26.48	26.94	N	23.97	W	36.06	318.34	0.69	-0.63
11	Mwd	4085.00	1.00	351.80	32	4084.71	-26.98	27.44	N	24.02	W	36.46	318.80	0.69	0.63
12	Mwd	4116.00	1.00	351.70	31	4115.70	-27.52	27.97	N	24.09	W	36.92	319.26	0.01	0.00
13	Mwd	4148.00	1.00	354.40	32	4147.70	-28.07	28.53	N	24.16	W	37.38	319.74	0.15	0.00
14	Mwd	4180.00	1.00	1.90	32	4179.69	-28.63	29.08	N	24.18	W	37.82	320.26	0.41	0.00
15	Mwd	4212.00	1.20	11.40	32	4211.69	-29.24	29.69	N	24.10	W	38.24	320.93	0.84	0.63
16	Mwd	4275.00	0.90	20.90	63	4274.68	-30.35	30.80	N	23.80	W	38.92	322.31	0.55	-0.48
17	Mwd	4307.00	1.00	210.10	32	4306.68	-30.34	30.79	N	23.85	W	38.95	322.24	5.92	0.31
18	Mwd	4338.00	3.80	205.50	31	4337.64	-29.17	29.63	N	24.43	W	38.40	320.50	9.05	9.03
19	Mwd	4370.00	5.60	199.20	32	4369.54	-26.72	27.20	N	25.40	W	37.21	316.96	5.84	5.63
20	Mwd	4402.00	7.40	193.90	32	4401.33	-23.23	23.72	N	26.40	W	35.50	311.94	5.92	5.63
21	Mwd	4433.00	9.40	193.30	31	4432.00	-18.81	19.32	N	27.47	W	33.58	305.13	6.46	6.45
22	Mwd	4465.00	12.00	195.70	32	4463.44	-13.03	13.58	N	28.97	W	31.99	295.11	8.24	8.13
23	Mwd	4497.00	14.60	197.80	32	4494.58	-5.95	6.53	N	31.10	W	31.78	281.86	8.26	8.13
24	Mwd	4529.00	16.70	197.20	32	4525.39	2.33	1.70	S	33.69	W	33.74	267.11	6.58	6.56
25	Mwd	4560.00	19.70	195.70	31	4554.83	11.67	10.99	S	36.43	W	38.05	253.21	9.79	9.68
26	Mwd	4592.00	22.50	194.60	32	4584.69	22.84	22.11	S	39.43	W	45.20	240.72	8.84	8.75
27	Mwd	4624.00	24.50	194.90	32	4614.03	35.24	34.45	S	42.68	W	54.85	231.09	6.26	6.25
28	Mwd	4656.00	26.50	193.20	32	4642.91	48.66	47.81	S	46.02	W	66.36	223.90	6.65	6.25
29	Mwd	4687.00	28.90	189.30	31	4670.36	62.84	61.94	S	48.81	W	78.86	218.24	9.70	7.74
30	Mwd	4719.00	31.00	187.80	32	4698.08	78.68	77.74	S	51.17	W	93.07	213.36	6.97	6.56
31	Mwd	4751.00	33.00	186.20	32	4725.22	95.54	94.57	S	53.23	W	108.52	209.38	6.79	6.25
32	Mwd	4783.00	36.10	183.80	32	4751.58	113.64	112.64	S	54.80	W	125.26	205.94	10.58	9.69

DRILTECH MWD SURVEY REPORT

Company:	Sandridge Energy	Job Number:	KTX-021	Calculation Method	Minimum Curvature
Well:	Mariah 1-36H	Magnetic Decl.:	6.15	Proposed Azimuth	181.07
Location:	Sec 25- T31S- R20W	Grid Corr.:		WELL API #	
Rig:	Lariet 38	Total Grid Corr.:	6.15	Tie Into:	MWD

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')
33	Mwd	4814.00	38.20	182.90	31	4776.28	132.35	131.33	S	55.89	W	142.73	203.05	7.00	6.77
34	Mwd	4846.00	39.70	183.00	32	4801.17	152.45	151.42	S	56.93	W	161.77	200.60	4.69	4.69
35	Mwd	4878.00	41.00	182.60	32	4825.56	173.16	172.11	S	57.94	W	181.60	198.60	4.14	4.06
36	Mwd	4910.00	42.90	182.10	32	4849.35	194.55	193.48	S	58.81	W	202.23	196.91	6.03	5.94
37	Mwd	4942.00	44.90	181.00	32	4872.41	216.73	215.66	S	59.41	W	223.70	195.40	6.69	6.25
38	Mwd	4973.00	47.10	180.40	31	4893.94	239.03	237.96	S	59.68	W	245.33	194.08	7.23	7.10
39	Mwd	5005.00	47.70	179.60	32	4915.60	262.58	261.51	S	59.68	W	268.24	192.86	2.63	1.88
40	Mwd	5037.00	50.00	180.10	32	4936.66	286.67	285.61	S	59.62	W	291.76	191.79	7.28	7.19
41	Mwd	5069.00	50.40	180.20	32	4957.14	311.25	310.19	S	59.68	W	315.88	190.89	1.27	1.25
42	Mwd	5100.00	50.20	179.80	31	4976.94	335.10	334.04	S	59.68	W	339.33	190.13	1.18	-0.65
43	Mwd	5132.00	50.00	179.60	32	4997.47	359.64	358.59	S	59.55	W	363.50	189.43	0.79	-0.63
44	Mwd	5164.00	49.90	179.30	32	5018.06	384.13	383.09	S	59.32	W	387.65	188.80	0.78	-0.31
45	Mwd	5195.00	49.50	178.90	31	5038.11	407.76	406.73	S	58.95	W	410.98	188.25	1.62	-1.29
46	Mwd	5227.00	49.60	178.50	32	5058.87	432.09	431.07	S	58.40	W	435.01	187.71	1.00	0.31
47	Mwd	5259.00	52.10	178.70	32	5079.07	456.88	455.88	S	57.79	W	459.53	187.22	7.83	7.81
48	Mwd	5291.00	55.20	180.10	32	5098.04	482.64	481.65	S	57.53	W	485.07	186.81	10.31	9.69
49	Mwd	5322.00	58.50	181.10	31	5114.99	508.59	507.59	S	57.80	W	510.87	186.50	10.98	10.65
50	Mwd	5354.00	61.60	181.80	32	5130.96	536.31	535.31	S	58.51	W	538.50	186.24	9.87	9.69
51	Mwd	5386.00	65.50	181.40	32	5145.21	564.95	563.94	S	59.30	W	567.05	186.00	12.24	12.19
52	Mwd	5418.00	69.40	181.10	32	5157.48	594.50	593.48	S	59.95	W	596.50	185.77	12.22	12.19
53	Mwd	5449.00	73.40	181.10	31	5167.37	623.87	622.85	S	60.51	W	625.78	185.55	12.90	12.90
54	Mwd	5481.00	76.40	181.00	32	5175.70	654.77	653.74	S	61.08	W	656.59	185.34	9.38	9.38
55	Mwd	5513.00	78.90	180.50	32	5182.55	686.02	684.99	S	61.49	W	687.75	185.13	7.96	7.81
56	Mwd	5544.00	81.70	180.20	31	5187.77	716.57	715.55	S	61.67	W	718.20	184.93	9.08	9.03
57	Mwd	5638.00	85.10	180.60	94	5198.57	809.93	808.91	S	62.33	W	811.30	184.41	3.64	3.62
58	Mwd	5670.00	84.80	179.90	32	5201.39	841.80	840.78	S	62.46	W	843.10	184.25	2.37	-0.94
59	Mwd	5702.00	86.20	178.10	32	5203.90	873.68	872.68	S	61.91	W	874.87	184.06	7.11	4.38
60	Mwd	5734.00	88.80	177.30	32	5205.30	905.59	904.62	S	60.62	W	906.65	183.83	8.50	8.12
61	Mwd	5766.00	89.60	176.60	32	5205.74	937.51	936.57	S	58.92	W	938.42	183.60	3.32	2.50
62	Mwd	5798.00	89.30	176.40	32	5206.05	969.40	968.51	S	56.97	W	970.18	183.37	1.13	-0.94
63	Mwd	5830.00	91.20	176.30	32	5205.91	1001.29	1000.44	S	54.93	W	1001.95	183.14	5.95	5.94
64	Mwd	5861.00	91.70	176.60	31	5205.13	1032.18	1031.37	S	53.01	W	1032.73	182.94	1.88	1.61
65	Mwd	5893.00	92.00	176.10	32	5204.09	1064.06	1063.29	S	50.98	W	1064.51	182.74	1.82	0.94
66	Mwd	5925.00	91.90	176.80	32	5203.01	1095.93	1095.21	S	49.00	W	1096.30	182.56	2.21	-0.31
67	Mwd	6021.00	91.40	177.40	96	5200.24	1191.66	1191.05	S	44.14	W	1191.86	182.12	0.81	-0.52
68	Mwd	6116.00	91.10	179.10	95	5198.17	1286.52	1285.98	S	41.24	W	1286.64	181.84	1.82	-0.32

DRILTECH MWD SURVEY REPORT

Company:	Sandridge Energy	Job Number:	KTX-021	Calculation Method	Minimum Curvature
Well:	Mariah 1-36H	Magnetic Decl.:	6.15	Proposed Azimuth	181.07
Location:	Sec 25- T31S- R20W	Grid Corr.:		WELL API #	
Rig:	Lariet 38	Total Grid Corr.:	6.15	Tie Into:	MWD

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)		Coordinates E/W (ft)		Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')
69	Mwd	6212.00	91.20	178.90	96	5196.24	1382.44	1381.94	S	39.57	W	1382.51	181.64	0.23	0.10
70	Mwd	6308.00	90.60	180.20	96	5194.73	1478.39	1477.92	S	38.81	W	1478.43	181.50	1.49	-0.63
71	Mwd	6403.00	91.00	180.10	95	5193.41	1573.37	1572.91	S	39.06	W	1573.40	181.42	0.43	0.42
72	Mwd	6499.00	90.70	180.10	96	5191.98	1669.34	1668.90	S	39.23	W	1669.36	181.35	0.31	-0.31
73	Mwd	6595.00	90.80	180.90	96	5190.73	1765.33	1764.89	S	40.07	W	1765.35	181.30	0.84	0.10
74	Mwd	6691.00	88.30	181.00	96	5191.48	1861.32	1860.87	S	41.66	W	1861.33	181.28	2.61	-2.60
75	Mwd	6787.00	89.00	180.70	96	5193.74	1957.29	1956.83	S	43.08	W	1957.30	181.26	0.79	0.73
76	Mwd	6882.00	88.60	180.00	95	5195.73	2052.26	2051.81	S	43.66	W	2052.27	181.22	0.85	-0.42
77	Mwd	6978.00	88.60	179.60	96	5198.08	2148.21	2147.78	S	43.33	W	2148.21	181.16	0.42	0.00
78	Mwd	7074.00	89.20	179.70	96	5199.92	2244.16	2243.76	S	42.74	W	2244.16	181.09	0.63	0.63
79	Mwd	7169.00	90.40	179.80	95	5200.25	2339.14	2338.75	S	42.33	W	2339.14	181.04	1.27	1.26
80	Mwd	7265.00	90.90	179.80	96	5199.16	2435.11	2434.75	S	41.99	W	2435.11	180.99	0.52	0.52
81	Mwd	7360.00	90.20	180.90	95	5198.25	2530.09	2529.74	S	42.57	W	2530.10	180.96	1.37	-0.74
82	Mwd	7456.00	90.00	180.40	96	5198.08	2626.09	2625.73	S	43.66	W	2626.09	180.95	0.56	-0.21
83	Mwd	7552.00	90.00	180.10	96	5198.08	2722.08	2721.73	S	44.08	W	2722.09	180.93	0.31	0.00
84	Mwd	7647.00	90.60	179.80	95	5197.59	2817.06	2816.73	S	44.00	W	2817.07	180.89	0.71	0.63
85	Mwd	7743.00	90.10	180.40	96	5197.00	2913.04	2912.73	S	44.16	W	2913.06	180.87	0.81	-0.52
86	Mwd	7839.00	89.60	179.10	96	5197.25	3009.01	3008.72	S	43.74	W	3009.04	180.83	1.45	-0.52
87	Mwd	7934.00	89.40	177.50	95	5198.08	3103.90	3103.67	S	40.93	W	3103.94	180.76	1.70	-0.21
88	Mwd	8030.00	90.30	179.30	96	5198.33	3199.79	3199.63	S	38.25	W	3199.86	180.68	2.10	0.94
89	Mwd	8125.00	90.90	179.40	95	5197.34	3294.74	3294.62	S	37.17	W	3294.83	180.65	0.64	0.63
90	Mwd	8221.00	90.10	180.40	96	5196.50	3390.71	3390.61	S	37.00	W	3390.81	180.63	1.33	-0.83
91	Mwd	8339.00	86.60	181.20	118	5199.90	3508.64	3508.53	S	38.65	W	3508.75	180.63	3.04	-2.97
92	Mwd	8435.00	86.00	180.70	96	5206.09	3604.44	3604.32	S	40.24	W	3604.54	180.64	0.81	-0.62
93	Mwd	8530.00	85.90	180.60	95	5212.80	3699.20	3699.08	S	41.31	W	3699.31	180.64	0.15	-0.11
94	Mwd	8626.00	87.30	181.70	96	5218.49	3795.03	3794.88	S	43.23	W	3795.13	180.65	1.85	1.46
95	Mwd	8722.00	89.20	182.60	96	5221.43	3890.96	3890.77	S	46.83	W	3891.05	180.69	2.19	1.98
96	Mwd	8817.00	88.10	181.80	95	5223.66	3985.92	3985.67	S	50.48	W	3985.99	180.73	1.43	-1.16
97	Mwd	8913.00	89.90	183.80	96	5225.34	4081.85	4081.53	S	55.17	W	4081.90	180.77	2.80	1.88
98	Mwd	9008.00	90.10	183.00	95	5225.34	4176.77	4176.36	S	60.80	W	4176.80	180.83	0.87	0.21
99	Mwd	9104.00	90.00	183.00	96	5225.26	4272.71	4272.23	S	65.83	W	4272.74	180.88	0.10	-0.10
100	Mwd	9200.00	90.00	182.60	96	5225.26	4368.67	4368.11	S	70.52	W	4368.68	180.92	0.42	0.00
101	Mwd	9295.00	89.30	182.80	95	5225.84	4463.63	4463.01	S	74.99	W	4463.64	180.96	0.77	-0.74
102	Mwd	9391.00	88.60	181.80	96	5227.59	4559.59	4558.91	S	78.84	W	4559.59	180.99	1.27	-0.73
103	Mwd	9487.00	88.80	182.60	96	5229.77	4655.54	4654.82	S	82.53	W	4655.55	181.02	0.86	0.21
104	Mwd	9582.00	89.40	183.20	95	5231.27	4750.48	4749.68	S	87.33	W	4750.48	181.05	0.89	0.63

DRILTECH MWD SURVEY REPORT

Company:	Sandridge Energy	Job Number:	KTX-021	Calculation Method	Minimum Curvature
Well:	Mariah 1-36H	Magnetic Decl.:	6.15	Proposed Azimuth	181.07
Location:	Sec 25- T31S- R20W	Grid Corr.:		WELL API #	
Rig:	Lariet 38	Total Grid Corr.:	6.15	Tie Into:	MWD

Survey #	Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates N/S (ft)	Coordinates E/W (ft)	Closure Distance (ft)	Closure Angle (deg)	Dogleg Severity (d/100')	Build Rate (d/100')
105	Mwd	9678.00	91.70	182.10	96	5230.34	4846.44	4845.57 S	91.77 W	4846.44	181.09	2.66	2.40
106	Mwd	9774.00	91.80	182.50	96	5227.41	4942.37	4941.44 S	95.62 W	4942.37	181.11	0.43	0.10
107	Mwd	9869.00	91.70	182.60	95	5224.51	5037.29	5036.31 S	99.85 W	5037.30	181.14	0.15	-0.11
108	Mwd	9978.00	91.40	181.80	109	5221.56	5146.23	5145.18 S	104.03 W	5146.24	181.16	0.78	-0.28
109	Proj	10030.00	91.40	181.80	52	5220.29	5198.21	5197.14 S	105.66 W	5198.22	181.16	0.00	0.00