



KANSAS CORPORATION COMMISSION 1072344
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 # 33168
Name: Woolsey Operating Company, LLC
Address 1: 125 N MARKET STE 1000
Address 2: _____
City: WICHITA State: KS Zip: 67202 + 1729
Contact Person: DEAN PATTISSON
Phone: (316) 267-4379
CONTRACTOR: License # 33132
Name: Dan D Drilling
Wellsite Geologist: BILLY KLAVER
Purchaser: PLAINS MARKETING / BLUESTEM GAS MARKETING

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>09/22/2011</u>	<u>10/11/2011</u>	<u>11/16/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-23769-01-00

Spot Description: _____

NW NE NW NW Sec. 11 Twp. 34 S. R. 11 East West

210 Feet from North / South Line of Section

760 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Barber

Lease Name: TUCKER B Well #: 4 H

Field Name: SCHUPBACH

Producing Formation: MISSISSIPPIAN

Elevation: Ground: 1400 Kelly Bushing: 1415

Total Depth: 9130 Plug Back Total Depth: 8079

Amount of Surface Pipe Set and Cemented at: 271 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: 4000 ppm Fluid volume: 2500 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: WOOLSEY OPERATING COMPANY LLC

Lease Name: SWARTZ License #: 33168

Quarter NE Sec. 1 Twp. 34 S. R. 11 East West

County: BARBER Permit #: D-30567

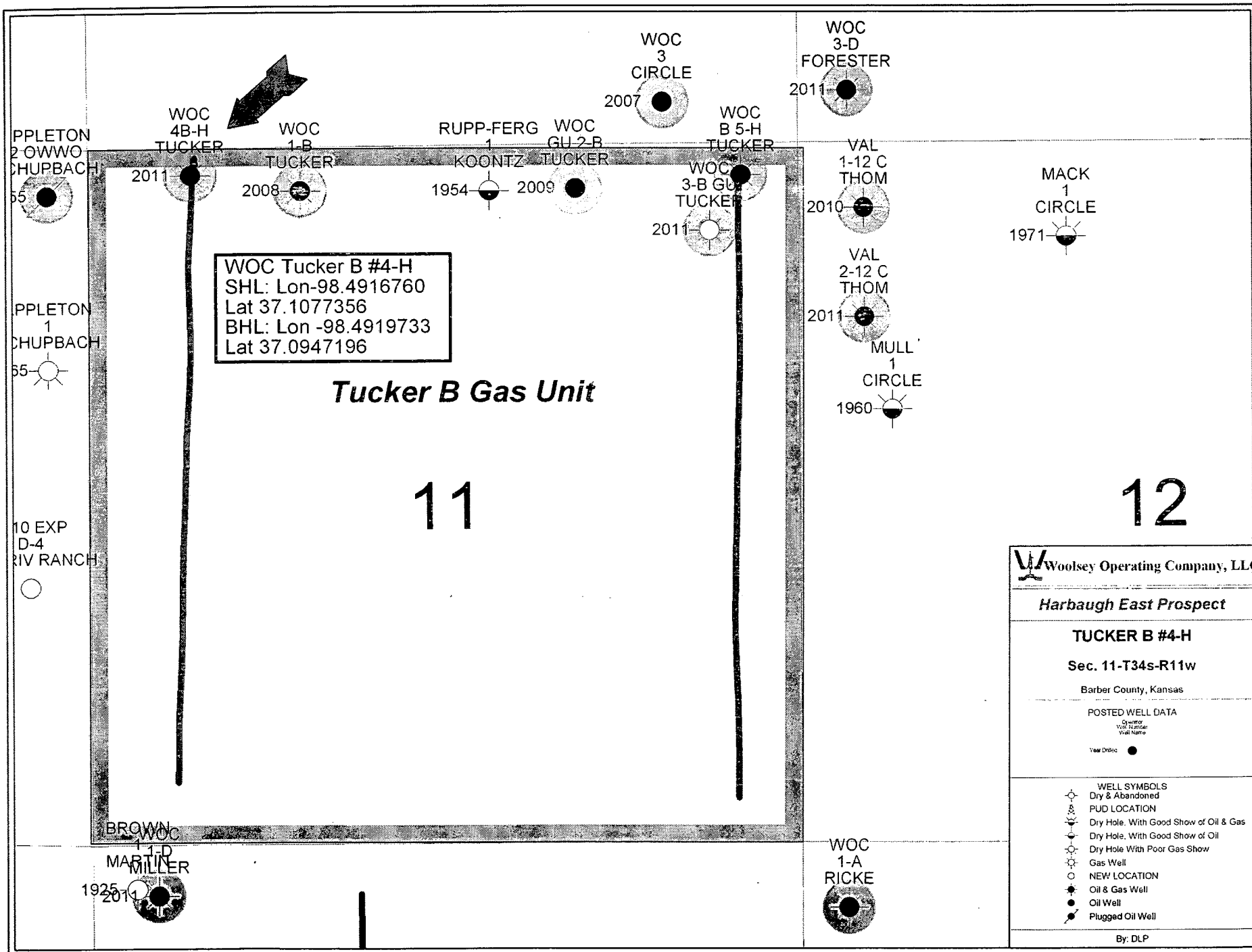
AFFIDAVIT

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: 01/27/2012
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NAOMI JAMES Date: 02/03/2012



Well Report



Company : Woolsey
 Well : Tucker B-4
 Location : Sec11-34S-11W
 Reference: True North

Page: 1
 Date : 10/12/2011

Vertical Section Calculated Along Azimuth 0.00°
KB Elevation = 15.00ft GR. Elevation = 1396.00ft

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%100	%100	%100
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	788.00	1.80	28.20	787.87	10.91	5.85	10.91	0.23	0.23	3.58
2	852.00	2.30	28.60	851.83	12.92	6.94	12.92	0.78	0.78	0.63
3	916.00	2.40	27.40	915.78	15.24	8.17	15.24	0.17	0.16	-1.87
4	948.00	2.40	32.10	947.75	16.40	8.83	16.40	0.61	0.00	14.69
5	1043.00	2.70	30.90	1042.65	20.01	11.04	20.01	0.32	0.32	-1.26
6	1152.00	2.50	35.20	1151.54	24.15	13.73	24.15	0.26	-0.18	3.94
7	1168.00	2.40	32.20	1167.53	24.72	14.11	24.72	1.02	-0.62	-18.75
8	1231.00	2.50	32.40	1230.47	27.00	15.55	27.00	0.16	0.16	0.32
9	1294.00	2.50	30.10	1293.41	29.35	16.97	29.35	0.16	0.00	-3.65
10	1357.00	2.40	25.60	1356.35	31.72	18.23	31.72	0.34	-0.16	-7.14
11	1419.00	2.40	25.80	1418.30	34.06	19.36	34.06	0.01	0.00	0.32
12	1482.00	2.20	27.60	1481.25	36.32	20.49	36.32	0.34	-0.32	2.86
13	1545.00	2.10	28.60	1544.20	38.41	21.61	38.41	0.17	-0.16	1.59
14	1609.00	2.20	31.40	1608.16	40.49	22.81	40.49	0.23	0.16	4.38
15	1671.00	2.20	26.50	1670.11	42.57	23.96	42.57	0.30	0.00	-7.90
16	1735.00	1.80	28.60	1734.07	44.55	24.99	44.55	0.64	-0.63	3.28
17	1798.00	1.70	22.40	1797.04	46.28	25.82	46.28	0.34	-0.16	-9.84
18	1861.00	1.70	18.70	1860.01	48.03	26.47	48.03	0.17	0.00	-5.87
19	1924.00	1.80	17.40	1922.99	49.86	27.07	49.86	0.17	0.16	-2.06
20	1986.00	2.00	17.50	1984.95	51.82	27.68	51.82	0.32	0.32	0.16
21	2049.00	1.90	14.80	2047.91	53.88	28.28	53.88	0.22	-0.16	-4.29
22	2112.00	1.90	14.90	2110.88	55.90	28.82	55.90	0.01	0.00	0.16
23	2237.00	1.80	16.30	2235.82	59.78	29.90	59.78	0.09	-0.08	1.12
24	2394.00	2.20	20.40	2392.72	64.97	31.64	64.97	0.27	0.25	2.61
25	2519.00	2.30	10.80	2517.62	69.69	32.95	69.69	0.31	0.08	-7.68
26	2645.00	2.10	5.30	2643.53	74.47	33.64	74.47	0.23	-0.16	-4.37
27	2770.00	2.00	3.20	2768.45	78.93	33.97	78.93	0.10	-0.08	-1.68
28	2896.00	2.20	6.90	2894.37	83.52	34.38	83.52	0.19	0.16	2.94
29	2990.00	2.10	2.80	2988.30	87.04	34.68	87.04	0.20	-0.11	-4.36
30	3085.00	2.50	352.20	3083.22	90.83	34.49	90.83	0.61	0.42	-11.16
31	3180.00	2.20	348.80	3178.14	94.67	33.85	94.67	0.35	-0.32	-3.58
32	3275.00	2.00	356.10	3273.08	98.11	33.39	98.11	0.35	-0.21	7.68
33	3369.00	2.20	357.00	3367.02	101.55	33.18	101.55	0.22	0.21	0.96
34	3465.00	2.20	358.00	3462.95	105.23	33.02	105.23	0.04	0.00	1.04
35	3560.00	2.20	0.80	3557.88	108.88	32.98	108.88	0.11	0.00	2.95

Well Report



Company : Woolsey
Well : Tucker B-4
Location : Sec11-34S-11W
Reference: True North

Page: 2
Date : 10/12/2011

Vertical Section Calculated Along Azimuth 0.00°
KB Elevation = 15.00ft GR. Elevation = 1396.00ft

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%100	%100	%100
36	3653.00	2.30	0.20	3650.80	112.53	33.01	112.53	0.11	0.11	-0.65
37	3748.00	2.10	356.20	3745.73	116.17	32.90	116.17	0.27	-0.21	-4.21
38	3842.00	2.70	349.50	3839.65	120.07	32.39	120.07	0.70	0.64	-7.13
39	3937.00	2.50	340.20	3934.55	124.22	31.28	124.22	0.49	-0.21	-9.79
40	4027.00	2.10	343.50	4024.48	127.64	30.14	127.64	0.47	-0.44	3.67

Bottom Hole Closure 131.15ft Along Azimuth 13.29°

Well Report



Company : Woolsey
 Well : Tucker B-4
 Location : Sec11-34S-11W
 Reference: True North

Page: 1
 Date : 10/12/2011

Vertical Section Calculated Along Azimuth 181.20°

	KB Elevation = 15.00ft				GR. Elevation = 1396.00ft					
MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn	
ft	deg	deg	ft	ft	ft	ft	%100	%100	%100	
0	4027.00	2.10	343.50	4024.48	127.64	30.14	-128.25	0.00	0.00	0.00
1	4059.00	1.50	333.70	4056.47	128.58	29.79	-129.18	2.10	-1.87	-30.63
2	4090.00	1.30	227.20	4087.46	128.71	29.35	-129.29	7.25	-0.65	-343.55
3	4121.00	4.20	198.10	4118.42	127.39	28.74	-127.96	10.09	9.35	-93.87
4	4153.00	7.70	195.10	4150.25	124.20	27.82	-124.76	10.98	10.94	-9.37
5	4184.00	11.00	190.00	4180.83	119.28	26.76	-119.82	10.97	10.65	-16.45
6	4216.00	14.30	187.00	4212.05	112.35	25.75	-112.87	10.51	10.31	-9.37
7	4248.00	17.80	184.40	4242.80	103.55	24.90	-104.05	11.16	10.94	-8.12
8	4279.00	21.40	181.90	4272.00	93.17	24.34	-93.66	11.92	11.61	-8.06
9	4311.00	25.00	180.80	4301.40	80.57	24.06	-81.06	11.33	11.25	-3.44
10	4343.00	28.20	182.40	4330.01	66.25	23.64	-66.73	10.25	10.00	5.00
11	4374.00	31.20	184.40	4356.94	50.92	22.72	-51.39	10.19	9.68	6.45
12	4405.00	34.50	185.10	4382.98	34.17	21.33	-34.61	10.72	10.65	2.26
13	4437.00	38.10	184.60	4408.76	15.29	19.73	-15.70	11.29	11.25	-1.56
14	4469.00	41.40	184.20	4433.36	-5.10	18.16	4.72	10.34	10.31	-1.25
15	4501.00	44.60	184.40	4456.76	-26.86	16.52	26.51	10.01	10.00	0.63
16	4532.00	48.10	184.10	4478.16	-49.23	14.86	48.91	11.31	11.29	-0.97
17	4564.00	51.10	183.50	4498.90	-73.54	13.25	73.25	9.48	9.37	-1.87
18	4596.00	54.10	183.20	4518.33	-98.92	11.77	98.65	9.40	9.37	-0.94
19	4628.00	56.90	182.80	4536.45	-125.25	10.39	125.01	8.81	8.75	-1.25
20	4659.00	59.20	182.70	4552.86	-151.52	9.13	151.30	7.42	7.42	-0.32
21	4691.00	61.30	182.80	4568.73	-179.27	7.79	179.07	6.57	6.56	0.31
22	4723.00	63.50	182.60	4583.56	-207.60	6.46	207.42	6.90	6.88	-0.62
23	4748.00	65.30	182.70	4594.36	-230.12	5.42	229.95	7.21	7.20	0.40
24	4816.00	70.60	183.20	4619.88	-293.04	2.17	292.93	7.82	7.79	0.74
25	4848.00	74.00	183.50	4629.61	-323.47	0.39	323.39	10.66	10.62	0.94
26	4880.00	77.30	183.10	4637.54	-354.41	-1.40	354.36	10.38	10.31	-1.25
27	4911.00	80.90	182.80	4643.40	-384.81	-2.96	384.79	11.65	11.61	-0.97
28	4943.00	84.60	182.30	4647.44	-416.51	-4.38	416.51	11.67	11.56	-1.56
29	4975.00	88.20	182.70	4649.45	-448.42	-5.77	448.44	11.32	11.25	1.25
30	5007.00	90.50	183.20	4649.81	-480.37	-7.41	480.42	7.36	7.19	1.56
31	5038.00	91.20	183.50	4649.35	-511.31	-9.23	511.39	2.46	2.26	0.97
32	5070.00	91.60	183.80	4648.57	-543.24	-11.26	543.35	1.56	1.25	0.94
33	5102.00	91.40	183.20	4647.73	-575.17	-13.22	575.32	1.98	-0.63	-1.88
34	5134.00	91.60	183.00	4646.89	-607.11	-14.95	607.29	0.88	0.63	-0.63
35	5165.00	91.80	182.10	4645.97	-638.06	-16.32	638.27	2.97	0.65	-2.90

Well Report



Company : Woolsey
 Well : Tucker B-4
 Location : Sec11-34S-11W
 Reference: True North

Page: 2
 Date : 10/12/2011

Vertical Section Calculated Along Azimuth 181.20°

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%100	%100	%100
					KB Elevation = 15.00ft		GR. Elevation = 1396.00ft			
36	5197.00	92.30	181.30	4644.83	-670.03	-17.27	670.24	2.95	1.56	-2.50
37	5228.00	92.20	180.50	4643.61	-701.00	-17.76	701.22	2.60	-0.32	-2.58
38	5260.00	92.30	179.30	4642.35	-732.98	-17.70	733.19	3.76	0.31	-3.75
39	5292.00	91.70	179.00	4641.24	-764.95	-17.23	765.15	2.10	-1.87	-0.94
40	5323.00	92.00	178.70	4640.24	-795.93	-16.61	796.10	1.37	0.97	-0.97
41	5354.00	91.50	178.60	4639.29	-826.91	-15.88	827.06	1.64	-1.61	-0.32
42	5386.00	90.80	178.20	4638.65	-858.89	-14.98	859.01	2.52	-2.19	-1.25
43	5418.00	91.20	177.90	4638.09	-890.86	-13.90	890.96	1.56	1.25	-0.94
44	5450.00	90.40	177.30	4637.64	-922.83	-12.56	922.89	3.12	-2.50	-1.88
45	5481.00	89.40	177.90	4637.70	-953.81	-11.26	953.83	3.76	-3.23	1.94
46	5513.00	89.50	177.90	4638.00	-985.78	-10.08	985.78	0.31	0.31	0.00
47	5545.00	90.10	177.90	4638.11	-1017.76	-8.91	1017.72	1.87	1.87	0.00
48	5576.00	90.70	177.80	4637.90	-1048.74	-7.75	1048.67	1.96	1.94	-0.32
49	5608.00	89.50	178.50	4637.84	-1080.72	-6.72	1080.62	4.34	-3.75	2.19
50	5640.00	88.70	179.00	4638.34	-1112.71	-6.02	1112.59	2.95	-2.50	1.56
51	5672.00	89.30	179.10	4638.90	-1144.70	-5.49	1144.56	1.90	1.88	0.31
52	5703.00	90.10	179.50	4639.07	-1175.70	-5.11	1175.55	2.89	2.58	1.29
53	5735.00	90.30	179.80	4638.95	-1207.70	-4.91	1207.53	1.13	0.63	0.94
54	5767.00	90.90	179.70	4638.62	-1239.69	-4.77	1239.52	1.90	1.88	-0.31
55	5799.00	91.60	179.60	4637.92	-1271.68	-4.58	1271.50	2.21	2.19	-0.31
56	5831.00	92.60	179.00	4636.75	-1303.66	-4.19	1303.46	3.64	3.13	-1.87
57	5863.00	92.70	180.20	4635.27	-1335.62	-3.96	1335.41	3.76	0.31	3.75
58	5895.00	91.70	180.40	4634.04	-1367.60	-4.13	1367.39	3.19	-3.12	0.63
59	5927.00	90.30	180.40	4633.48	-1399.59	-4.36	1399.38	4.38	-4.38	0.00
60	5958.00	89.30	181.50	4633.59	-1430.59	-4.87	1430.38	4.80	-3.23	3.55
61	5990.00	88.40	181.80	4634.23	-1462.57	-5.79	1462.37	2.96	-2.81	0.94
62	6022.00	87.70	181.60	4635.32	-1494.54	-6.74	1494.35	2.27	-2.19	-0.63
63	6053.00	87.80	181.90	4636.54	-1525.50	-7.69	1525.32	1.02	0.32	0.97
64	6085.00	88.50	182.90	4637.57	-1557.45	-9.02	1557.30	3.81	2.19	3.13
65	6117.00	89.30	182.90	4638.19	-1589.40	-10.64	1589.28	2.50	2.50	0.00
66	6149.00	89.30	183.60	4638.58	-1621.35	-12.46	1621.26	2.19	0.00	2.19
67	6180.00	89.60	183.50	4638.87	-1652.29	-14.38	1652.23	1.02	0.97	-0.32
68	6212.00	90.70	183.40	4638.79	-1684.23	-16.30	1684.20	3.45	3.44	-0.31
69	6244.00	91.30	184.10	4638.23	-1716.16	-18.39	1716.17	2.88	1.88	2.19
70	6276.00	90.70	183.90	4637.67	-1748.07	-20.63	1748.12	1.98	-1.88	-0.63
71	6307.00	90.40	183.50	4637.38	-1779.01	-22.63	1779.09	1.61	-0.97	-1.29

Well Report



Company : Woolsey
 Well : Tucker B-4
 Location : Sec11-34S-11W
 Reference: True North

Page: 3
 Date : 10/12/2011

Vertical Section Calculated Along Azimuth 181.20°

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%100	%100	%100
72	6339.00	90.20	183.60	4637.21	-1810.95	-24.61	1811.06	0.70	-0.63	0.31
73	6371.00	90.30	183.40	4637.07	-1842.89	-26.56	1843.04	0.70	0.31	-0.63
74	6403.00	90.40	182.70	4636.87	-1874.84	-28.26	1875.02	2.21	0.31	-2.19
75	6434.00	90.30	183.10	4636.68	-1905.80	-29.83	1906.01	1.33	-0.32	1.29
76	6466.00	90.40	183.40	4636.49	-1937.75	-31.65	1937.99	0.99	0.31	0.94
77	6498.00	90.50	182.50	4636.24	-1969.70	-33.29	1969.97	2.83	0.31	-2.81
78	6529.00	90.40	182.40	4635.99	-2000.67	-34.62	2000.96	0.46	-0.32	-0.32
79	6561.00	90.00	181.60	4635.88	-2032.65	-35.74	2032.96	2.80	-1.25	-2.50
80	6593.00	90.20	180.80	4635.83	-2064.65	-36.41	2064.96	2.58	0.63	-2.50
81	6624.00	90.50	180.90	4635.64	-2095.64	-36.87	2095.96	1.02	0.97	0.32
82	6652.00	89.90	181.10	4635.54	-2123.64	-37.35	2123.96	2.26	-2.14	0.71
83	6683.00	87.70	180.80	4636.19	-2154.63	-37.87	2154.95	7.16	-7.10	-0.97
84	6714.00	87.20	180.50	4637.57	-2185.59	-38.22	2185.91	1.88	-1.61	-0.97
85	6746.00	88.60	181.60	4638.74	-2217.56	-38.81	2217.89	5.56	4.37	3.44
86	6778.00	90.50	182.10	4638.99	-2249.55	-39.84	2249.89	6.14	5.94	1.56
87	6810.00	90.70	182.10	4638.66	-2281.52	-41.01	2281.88	0.62	0.63	0.00
88	6841.00	91.10	182.10	4638.17	-2312.50	-42.15	2312.87	1.29	1.29	0.00
89	6873.00	90.10	181.70	4637.83	-2344.48	-43.21	2344.87	3.37	-3.13	-1.25
90	6905.00	90.10	181.60	4637.78	-2376.46	-44.13	2376.87	0.31	0.00	-0.31
91	6936.00	90.00	181.50	4637.75	-2407.45	-44.97	2407.87	0.46	-0.32	-0.32
92	6968.00	90.30	181.70	4637.67	-2439.44	-45.86	2439.87	1.13	0.94	0.63
93	7000.00	90.00	181.80	4637.58	-2471.43	-46.84	2471.86	0.99	-0.94	0.31
94	7031.00	89.10	181.90	4637.83	-2502.41	-47.84	2502.86	2.92	-2.90	0.32
95	7062.00	88.30	182.10	4638.53	-2533.38	-48.92	2533.85	2.66	-2.58	0.65
96	7094.00	88.80	182.10	4639.34	-2565.35	-50.09	2565.84	1.56	1.56	0.00
97	7126.00	89.20	182.50	4639.90	-2597.32	-51.38	2597.82	1.77	1.25	1.25
98	7158.00	89.70	182.50	4640.21	-2629.29	-52.77	2629.81	1.56	1.56	0.00
99	7189.00	90.00	182.30	4640.29	-2660.26	-54.07	2660.81	1.16	0.97	-0.65
100	7221.00	90.40	182.50	4640.18	-2692.23	-55.41	2692.80	1.40	1.25	0.63
101	7253.00	89.10	181.90	4640.31	-2724.21	-56.64	2724.79	4.47	-4.06	-1.88
102	7285.00	88.80	181.80	4640.90	-2756.18	-57.67	2756.79	0.99	-0.94	-0.31
103	7317.00	88.80	181.90	4641.57	-2788.16	-58.71	2788.78	0.31	0.00	0.31
104	7348.00	88.50	181.70	4642.30	-2819.14	-59.68	2819.77	1.16	-0.97	-0.65
105	7380.00	88.70	181.50	4643.08	-2851.11	-60.57	2851.76	0.88	0.63	-0.63
106	7412.00	89.30	181.20	4643.64	-2883.10	-61.33	2883.75	2.10	1.88	-0.94
107	7444.00	89.50	181.40	4643.98	-2915.09	-62.05	2915.75	0.88	0.63	0.63

Well Report



Company : Woolsey
 Well : Tucker B-4
 Location : Sec11-34S-11W
 Reference: True North

Page: 4
 Date : 10/12/2011

Vertical Section Calculated Along Azimuth 181.20°

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%100	%100	%100
108	7475.00	89.50	181.20	4644.25	-2946.08	-62.75	2946.75	0.65	0.00	-0.65
109	7507.00	89.10	180.90	4644.64	-2978.07	-63.34	2978.75	1.56	-1.25	-0.94
110	7539.00	89.10	180.90	4645.14	-3010.07	-63.84	3010.74	0.00	0.00	0.00
111	7570.00	89.30	180.80	4645.57	-3041.06	-64.30	3041.74	0.72	0.65	-0.32
112	7602.00	88.60	180.80	4646.16	-3073.05	-64.75	3073.73	2.19	-2.19	0.00
113	7634.00	88.60	180.80	4646.94	-3105.04	-65.20	3105.72	0.00	0.00	0.00
114	7666.00	88.70	180.50	4647.70	-3137.03	-65.56	3137.71	0.99	0.31	-0.94
115	7698.00	88.60	180.50	4648.45	-3169.02	-65.84	3169.70	0.31	-0.31	0.00
116	7729.00	88.40	180.30	4649.26	-3200.00	-66.06	3200.69	0.91	-0.65	-0.65
117	7761.00	88.30	180.60	4650.18	-3231.99	-66.31	3232.67	0.99	-0.31	0.94
118	7793.00	88.70	180.60	4651.02	-3263.98	-66.64	3264.66	1.25	1.25	0.00
119	7825.00	88.50	180.70	4651.80	-3295.97	-67.00	3296.65	0.70	-0.63	0.31
120	7856.00	88.10	180.70	4652.72	-3326.95	-67.38	3327.63	1.29	-1.29	0.00
121	7888.00	86.60	180.70	4654.20	-3358.91	-67.77	3359.60	4.69	-4.69	0.00
122	7920.00	86.70	180.40	4656.07	-3390.86	-68.08	3391.54	0.99	0.31	-0.94
123	7952.00	86.40	180.60	4658.00	-3422.80	-68.36	3423.48	1.13	-0.94	0.63
124	7983.00	86.00	180.80	4660.05	-3453.73	-68.74	3454.41	1.44	-1.29	0.65
125	8014.00	86.00	181.00	4662.21	-3484.65	-69.22	3485.33	0.64	0.00	0.65
126	8045.00	88.20	181.90	4663.78	-3515.60	-70.01	3516.29	7.67	7.10	2.90
127	8077.00	89.50	181.90	4664.42	-3547.57	-71.07	3548.28	4.06	4.06	0.00
128	8111.00	89.00	182.00	4664.87	-3581.55	-72.22	3582.27	1.50	-1.47	0.29
129	8142.00	89.00	182.00	4665.41	-3612.52	-73.31	3613.27	0.00	0.00	0.00
130	8174.00	88.70	181.80	4666.05	-3644.50	-74.37	3645.26	1.13	-0.94	-0.63
131	8206.00	88.60	182.10	4666.81	-3676.47	-75.45	3677.25	0.99	-0.31	0.94
132	8237.00	88.70	182.30	4667.54	-3707.44	-76.64	3708.23	0.72	0.32	0.65
133	8269.00	88.20	182.30	4668.40	-3739.40	-77.93	3740.22	1.56	-1.56	0.00
134	8301.00	87.70	182.20	4669.55	-3771.36	-79.18	3772.19	1.59	-1.56	-0.31
135	8333.00	87.70	182.30	4670.83	-3803.31	-80.44	3804.16	0.31	0.00	0.31
136	8365.00	88.20	182.50	4671.98	-3835.26	-81.78	3836.13	1.68	1.56	0.63
137	8396.00	88.70	183.10	4672.82	-3866.21	-83.29	3867.11	2.52	1.61	1.94
138	8428.00	89.60	183.00	4673.29	-3898.16	-84.99	3899.09	2.83	2.81	-0.31
139	8460.00	88.70	183.30	4673.76	-3930.11	-86.75	3931.06	2.96	-2.81	0.94
140	8489.00	88.50	183.20	4674.47	-3959.05	-88.40	3960.04	0.77	-0.69	-0.34
141	8520.00	92.50	183.50	4674.20	-3989.99	-90.21	3991.01	12.94	12.90	0.97
142	8552.00	94.00	183.30	4672.39	-4021.88	-92.10	4022.93	4.73	4.69	-0.63
143	8584.00	92.60	182.50	4670.55	-4053.79	-93.72	4054.86	5.04	-4.37	-2.50

Well Report



Company : Woolsey
 Well : Tucker B-4
 Location : Sec11-34S-11W
 Reference: True North

Page: 5
 Date : 10/12/2011

Vertical Section Calculated Along Azimuth 181.20°

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%100	%100	%100
144	8616.00	91.90	181.80	4669.29	-4085.74	-94.92	4086.83	3.09	-2.19	-2.19
145	8648.00	92.00	181.70	4668.20	-4117.71	-95.89	4118.81	0.44	0.31	-0.31
146	8679.00	91.20	180.90	4667.34	-4148.69	-96.60	4149.80	3.65	-2.58	-2.58
147	8711.00	90.80	180.70	4666.78	-4180.68	-97.04	4181.80	1.40	-1.25	-0.63
148	8743.00	90.60	180.50	4666.39	-4212.68	-97.38	4213.79	0.88	-0.63	-0.63
149	8775.00	90.70	179.80	4666.02	-4244.67	-97.46	4245.78	2.21	0.31	-2.19
150	8807.00	90.40	179.60	4665.72	-4276.67	-97.30	4277.77	1.13	-0.94	-0.63
151	8838.00	88.80	179.60	4665.93	-4307.67	-97.08	4306.76	5.16	-5.16	0.00
152	8870.00	87.60	179.80	4666.94	-4339.65	-96.91	4340.73	3.80	-3.75	0.63
153	8902.00	88.10	180.00	4668.14	-4371.63	-96.86	4372.70	1.68	1.56	0.63
154	8934.00	88.40	180.20	4669.12	-4403.61	-96.91	4404.68	1.13	0.94	0.63
155	8966.00	89.30	180.90	4669.76	-4435.61	-97.22	4436.67	3.56	2.81	2.19
156	8997.00	90.10	181.30	4669.92	-4466.60	-97.81	4467.67	2.89	2.58	1.29
157	9029.00	90.90	181.30	4669.64	-4498.59	-98.54	4499.67	2.50	2.50	0.00
158	9061.00	91.10	181.30	4669.08	-4530.58	-99.27	4531.66	0.62	0.63	0.00
159	9130.00	90.00	181.00	4668.42	-4599.56	-100.65	4600.66	1.65	-1.59	-0.43

Bottom Hole Closure 4600.66ft Along Azimuth 181.25°