



CONFIDENTIAL

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34681
Name: EnCana Oil & Gas (USA) Inc.
Address 1: 5851 LEGACY CIRCLE
Address 2:
City: PLANO State: TX Zip: 75024 +
Contact Person: Sharon Cook
Phone: (469) 304-6345
CONTRACTOR: License # 33923
Name: Precision Drilling, LLC
Wellsite Geologist: Adam Shear
Purchaser: None

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 #:
07/30/2012 08/17/2012 09/23/2012
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-135-25431-01-00
Spot Description: N2 N2 NW NW Sec. 11 Twp. 18 S. R. 21 East West
262 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: Ness
Lease Name: J & A Associates 11H Well #: 1
Field Name:
Producing Formation: Miss Lime
Elevation: Ground: 2151 Kelly Bushing: 2166
Total Depth: 8545 Plug Back Total Depth: 8545
Amount of Surface Pipe Set and Cemented at: 1365 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 cm.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 4000 ppm Fluid volume: 230 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: American Warrior
Lease Name: O'Brate License #: 405
Quarter NW Sec. 36 Twp. 22 S. R. 23 East West
County: Hodgeman Permit #: NA

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: 11/19/2012
 Confidential Release Date:
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NAOMI JAMES Date: 11/20/2012



DrillRight™

TECHNOLOGY, INC.

Survey Calculation Program

Encana Oil & Gas
Precision 209
J & A Associates 1-11H

M.W.D. OPERATOR: Kenney H. / Shawn F..
DIRECTIONAL DRILLERS: Richard Snider / Billy Spurgeon

Magnetic Declination: 6.3

Job #: DR1206099

Vertical Section Azimuth 180.83

Minimum Curvature Calculation

No.	Survey Depth	INC	AZM	TVD	N-S	E-W	Vertical Section	DLS/100
Tie	1355	1.59	81.07	1354.80	0.67	15.02	0.67	0.89
1	1394	1.4	60.3	1393.79	0.99	15.97	-1.22	1.46
2	1485	0.8	77.6	1484.77	1.68	17.55	-1.93	0.75
3	1575	0.7	76.7	1574.76	1.94	18.70	-2.21	0.11
4	1666	0.6	82.8	1665.76	2.13	19.72	-2.41	0.13
5	1756	0.8	102.3	1755.75	2.05	20.80	-2.35	0.34
6	1846	0.7	113.9	1845.74	1.69	21.91	-2.01	0.20
7	1937	0.8	103.3	1936.73	1.32	23.04	-1.66	0.19
8	2027	0.7	157.0	2026.73	0.67	23.87	-1.02	0.76
9	2117	0.7	171.7	2116.72	-0.38	24.16	0.03	0.20
10	2208	0.6	207.3	2207.72	-1.35	24.02	1.00	0.45
11	2298	0.5	233.9	2297.71	-2.00	23.49	1.66	0.30
12	2389	0.6	239.6	2388.71	-2.48	22.76	2.15	0.13
13	2479	0.5	246.6	2478.70	-2.87	21.99	2.55	0.13
14	2570	0.5	206.7	2569.70	-3.38	21.45	3.07	0.37
15	2660	0.2	263.5	2659.70	-3.75	21.12	3.44	0.47
16	2750	0.1	118.7	2749.70	-3.81	21.03	3.50	0.32
17	2841	0.6	163.6	2840.70	-4.30	21.23	3.99	0.59
18	2931	0.4	186.6	2930.69	-5.07	21.33	4.76	0.31
19	3021	0.1	74.0	3020.69	-5.36	21.37	5.05	0.50
20	3112	0.2	44.4	3111.69	-5.22	21.56	4.91	0.14
21	3202	0.2	119.9	3201.69	-5.19	21.80	4.87	0.27
22	3292	0.2	113.1	3291.69	-5.33	22.08	5.01	0.03
23	3338	1.1	197.1	3337.69	-5.78	22.03	5.46	2.39
24	3383	4.1	179.2	3382.64	-7.80	21.92	7.48	6.83
25	3428	6.9	182.2	3427.43	-12.11	21.84	11.80	6.25
26	3474	9.9	183.1	3472.93	-18.82	21.52	18.51	6.53
27	3519	12.4	185.2	3517.07	-27.50	20.87	27.19	5.63
28	3564	16.1	184.6	3560.68	-38.54	19.94	38.24	8.23
29	3609	19.9	183.6	3603.47	-52.40	18.95	52.12	8.47
30	3654	22.8	182.4	3645.38	-68.76	18.11	68.49	6.52
31	3699	25.8	181.9	3686.39	-87.26	17.42	87.00	6.68
32	3745	28.7	181.6	3727.28	-108.31	16.78	108.06	6.31
33	3790	31.7	182.0	3766.17	-130.94	16.06	130.69	6.68
34	3835	34.7	182.0	3803.82	-155.56	15.20	155.32	6.67
35	3880	37.1	182.0	3840.27	-181.93	14.28	181.70	5.33



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DIRECTIONAL DRILLERS: Richard Snider / Billy Spurgeon

Magnetic Declination: 6.3

Job #: DR1206099

Vertical Section Azimuth 180.83

Minimum Curvature Calculation

No.	Survey Depth	INC	AZM	TVD	N-S	E-W	Vertical Section	DLS/100
36	3925	39.5	183.0	3875.58	-209.79	13.06	209.58	5.51
37	3971	42.8	183.2	3910.21	-240.01	11.42	239.82	7.18
38	4016	45.8	181.9	3942.41	-271.40	10.03	271.23	6.97
39	4061	48.5	181.3	3973.02	-304.38	9.12	304.21	6.08
40	4106	51.6	181.2	4001.91	-338.86	8.36	338.71	6.89
41	4152	55.1	181.8	4029.36	-375.75	7.39	375.60	7.68
42	4197	59.6	181.3	4053.63	-413.61	6.37	413.48	10.04
43	4242	61.6	180.8	4075.72	-452.81	5.66	452.68	4.55
44	4287	61.4	180.9	4097.19	-492.35	5.07	492.23	0.49
45	4332	61.0	180.3	4118.87	-531.78	4.66	531.66	1.47
46	4377	60.8	180.5	4140.76	-571.10	4.38	570.98	0.59
47	4422	61.4	181.4	4162.51	-610.49	3.73	610.37	2.20
48	4468	65.2	183.2	4183.17	-651.54	2.07	651.45	8.97
49	4513	69.9	184.1	4200.35	-693.04	-0.58	692.97	10.61
50	4558	74.8	184.3	4213.99	-735.79	-3.73	735.77	10.90
51	4603	79.6	184.7	4223.96	-779.52	-7.17	779.55	10.70
52	4648	83.1	184.6	4230.73	-823.86	-10.77	823.93	7.78
53	4658	83.9	184.0	4231.86	-833.77	-11.52	833.85	9.98
54	4722	85.9	181.9	4237.55	-897.42	-14.80	897.54	4.52
55	4754	85.5	181.8	4239.95	-929.31	-15.83	929.45	1.29
56	4786	86.7	181.4	4242.12	-961.23	-16.72	961.37	3.95
57	4817	88.5	181.3	4243.42	-992.19	-17.45	992.34	5.82
58	4849	89.9	181.0	4243.87	-1024.18	-18.09	1024.33	4.47
59	4881	90.3	181.2	4243.81	-1056.17	-18.71	1056.33	1.40
60	4912	91.1	181.4	4243.43	-1087.16	-19.41	1087.33	2.66
61	4944	90.5	180.2	4242.99	-1119.16	-19.86	1119.33	4.19
62	4976	91.2	180.4	4242.51	-1151.15	-20.02	1151.32	2.28
63	5007	90.6	179.7	4242.03	-1182.15	-20.05	1182.31	2.97
64	5039	89.7	179.9	4241.94	-1214.15	-19.94	1214.31	2.88
65	5071	87.9	180.1	4242.61	-1246.14	-19.94	1246.30	5.66
66	5102	87.5	180.2	4243.86	-1277.11	-20.02	1277.27	1.33
67	5134	88.3	179.8	4245.03	-1309.09	-20.02	1309.24	2.79
68	5165	89.8	179.6	4245.54	-1340.09	-19.86	1340.23	4.88
69	5197	89.7	179.1	4245.68	-1372.08	-19.49	1372.22	1.59
70	5228	90.2	178.4	4245.71	-1403.08	-18.82	1403.20	2.77
71	5260	90.6	178.3	4245.49	-1435.06	-17.90	1435.17	1.29



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Magnetic Declination:	6.3
Job #:	DR1206099
Vertical Section Azimuth	180.83

Minimum Curvature Calculation

No.	Survey Depth	INC	AZM	TVD	N-S	E-W	Vertical Section	DLS/100
72	5291	90.8	179.2	4245.11	-1466.05	-17.22	1466.15	2.97
73	5323	90.9	178.8	4244.63	-1498.04	-16.66	1498.13	1.29
74	5355	90.5	178.9	4244.24	-1530.03	-16.02	1530.11	1.29
75	5386	90.5	179.3	4243.97	-1561.03	-15.53	1561.09	1.29
76	5418	89.1	179.3	4244.08	-1593.03	-15.14	1593.08	4.38
77	5450	89.4	179.3	4244.50	-1625.02	-14.75	1625.06	0.94
78	5481	90.2	179.0	4244.61	-1656.02	-14.29	1656.05	2.76
79	5513	90.2	178.7	4244.50	-1688.01	-13.65	1688.03	0.94
80	5544	90.5	180.4	4244.31	-1719.01	-13.41	1719.02	5.57
81	5576	90.3	180.4	4244.09	-1751.01	-13.63	1751.02	0.63
82	5610	88.9	180.2	4244.32	-1785.00	-13.81	1785.02	4.16
83	5641	89.2	179.7	4244.84	-1816.00	-13.78	1816.01	1.88
84	5672	88.9	180.3	4245.35	-1847.00	-13.78	1847.00	2.16
85	5702	90.2	180.8	4245.59	-1876.99	-14.07	1877.00	4.64
86	5733	90.4	184.7	4245.42	-1907.95	-15.55	1907.98	12.60
87	5763	91.4	185.0	4244.95	-1937.84	-18.09	1937.90	3.48
88	5794	90.2	185.6	4244.52	-1968.70	-20.95	1968.80	4.33
89	5825	89.8	184.6	4244.52	-1999.58	-23.71	1999.71	3.47
90	5855	89.5	183.0	4244.70	-2029.51	-25.70	2029.67	5.43
91	5886	89.0	182.7	4245.11	-2060.47	-27.24	2060.65	1.88
92	5916	88.1	181.9	4245.87	-2090.44	-28.44	2090.63	4.01
93	5947	86.0	180.0	4247.46	-2121.39	-28.96	2121.58	9.13
94	5978	86.5	180.3	4249.49	-2152.32	-29.04	2152.52	1.88
95	6008	86.8	180.8	4251.24	-2182.27	-29.32	2182.46	1.94
96	6039	85.0	180.1	4253.46	-2213.19	-29.57	2213.38	6.23
97	6069	85.8	180.2	4255.87	-2243.09	-29.65	2243.28	2.69
98	6100	85.1	179.1	4258.33	-2273.99	-29.46	2274.18	4.20
99	6130	86.3	179.6	4260.58	-2303.90	-29.12	2304.08	4.33
100	6161	88.0	179.9	4262.12	-2334.86	-28.98	2335.04	5.57
101	6191	89.5	179.6	4262.77	-2364.86	-28.85	2365.03	5.10
102	6222	89.7	178.3	4262.99	-2395.85	-28.28	2396.01	4.24
103	6252	90.0	178.3	4263.07	-2425.84	-27.39	2425.98	1.00
104	6284	91.0	178.8	4262.79	-2457.82	-26.58	2457.95	3.49
105	6316	93.6	179.1	4261.50	-2489.79	-26.00	2489.91	8.18
106	6347	94.1	179.0	4259.42	-2520.72	-25.49	2520.82	1.64
107	6379	94.6	178.6	4256.99	-2552.62	-24.82	2552.71	2.00



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Vertical Section Azimuth 180.83

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No.	Survey Depth	INC	AZM	TVD	N-S	E-W	Vertical Section	DLS/100
108	6410	94.2	180.1	4254.62	-2583.52	-24.47	2583.61	4.99
109	6442	93.6	181.0	4252.44	-2615.45	-24.77	2615.53	3.37
110	6474	93.9	180.3	4250.35	-2647.38	-25.14	2647.46	2.38
111	6505	92.3	181.3	4248.67	-2678.33	-25.57	2678.41	6.08
112	6537	91.3	182.0	4247.66	-2710.30	-26.49	2710.39	3.81
113	6569	91.0	181.8	4247.02	-2742.27	-27.55	2742.38	1.13
114	6600	90.8	182.0	4246.54	-2773.25	-28.58	2773.37	0.91
115	6631	91.2	181.6	4245.99	-2804.23	-29.55	2804.36	1.82
116	6664	91.1	181.0	4245.33	-2837.22	-30.30	2837.36	1.84
117	6695	89.7	181.3	4245.12	-2868.21	-30.92	2868.35	4.62
118	6727	88.5	180.7	4245.62	-2900.20	-31.48	2900.35	4.19
119	6758	88.4	180.7	4246.46	-2931.18	-31.86	2931.34	0.32
120	6790	89.8	181.3	4246.96	-2963.17	-32.42	2963.33	4.76
121	6821	90.1	181.1	4246.99	-2994.17	-33.07	2994.33	1.16
122	6853	90.2	180.9	4246.90	-3026.16	-33.62	3026.33	0.70
123	6885	90.3	180.9	4246.76	-3058.16	-34.13	3058.33	0.31
124	6916	90.7	180.5	4246.49	-3089.15	-34.51	3089.33	1.82
125	6948	90.9	180.5	4246.05	-3121.15	-34.79	3121.33	0.63
126	6979	89.6	180.8	4245.91	-3152.15	-35.14	3152.33	4.30
127	7011	89.8	181.1	4246.08	-3184.14	-35.67	3184.32	1.13
128	7043	90.0	181.0	4246.13	-3216.14	-36.25	3216.32	0.70
129	7074	90.5	180.7	4246.00	-3247.13	-36.71	3247.32	1.88
130	7106	90.4	180.3	4245.75	-3279.13	-36.99	3279.32	1.29
131	7138	90.4	179.9	4245.52	-3311.13	-37.05	3311.32	1.25
132	7169	90.9	179.8	4245.17	-3342.13	-36.97	3342.31	1.64
133	7201	91.1	179.3	4244.61	-3374.12	-36.72	3374.30	1.68
134	7233	90.9	179.9	4244.06	-3406.12	-36.49	3406.29	1.98
135	7264	90.1	178.9	4243.78	-3437.11	-36.17	3437.28	4.13
136	7296	90.5	179.0	4243.62	-3469.11	-35.58	3469.26	1.29
137	7328	90.0	179.9	4243.48	-3501.10	-35.28	3501.25	3.22
138	7359	88.8	180.0	4243.80	-3532.10	-35.25	3532.24	3.88
139	7391	89.0	179.8	4244.42	-3564.10	-35.19	3564.23	0.88
140	7422	89.0	181.1	4244.96	-3595.09	-35.44	3595.23	4.19
141	7454	88.8	180.3	4245.57	-3627.08	-35.83	3627.22	2.58
142	7486	88.9	180.4	4246.21	-3659.07	-36.02	3659.21	0.44
143	7517	89.8	181.8	4246.57	-3690.07	-36.62	3690.21	5.37



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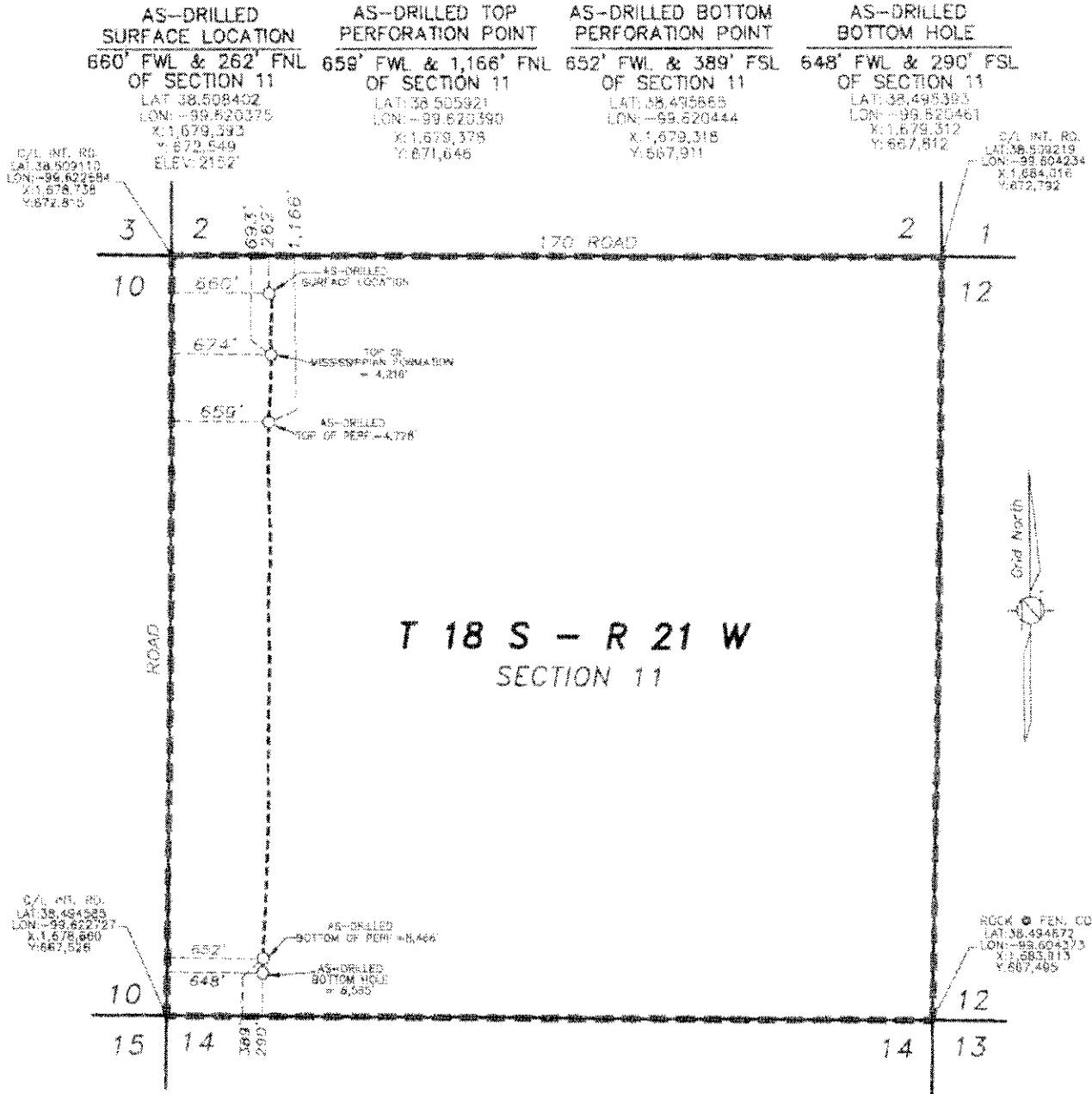
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Vertical Section Azimuth	180.83

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144	7549	90.4	182.1	4246.51	-3722.05	-37.71	3722.20	2.10
145	7580	90.6	182.1	4246.24	-3753.02	-38.84	3753.19	0.65
146	7612	90.5	181.8	4245.93	-3785.00	-39.93	3785.19	0.99
147	7644	90.6	182.4	4245.63	-3816.98	-41.10	3817.18	1.90
148	7675	90.4	182.4	4245.35	-3847.95	-42.40	3848.16	0.65
149	7707	90.0	182.3	4245.24	-3879.93	-43.71	3880.15	1.29
150	7739	89.0	182.2	4245.52	-3911.90	-44.97	3912.14	3.14
151	7770	88.4	182.6	4246.23	-3942.86	-46.27	3943.12	2.33
152	7802	89.6	182.2	4246.78	-3974.83	-47.61	3975.10	3.95
153	7834	90.3	181.8	4246.81	-4006.81	-48.72	4007.10	2.52
154	7865	90.9	181.8	4246.49	-4037.79	-49.70	4038.09	1.94
155	7897	90.9	181.4	4245.98	-4069.78	-50.59	4070.08	1.25
156	7928	90.4	181.9	4245.63	-4100.76	-51.48	4101.08	2.28
157	7960	90.1	181.8	4245.49	-4132.75	-52.52	4133.07	0.99
158	7991	90.3	182.1	4245.38	-4163.73	-53.57	4164.07	1.16
159	8023	90.4	182.2	4245.19	-4195.70	-54.77	4196.06	0.44
160	8055	90.0	182.3	4245.08	-4227.68	-56.03	4228.05	1.29
161	8086	89.4	182.5	4245.24	-4258.65	-57.33	4259.03	2.04
162	8118	89.3	182.4	4245.60	-4290.62	-58.69	4291.02	0.44
163	8149	89.7	182.7	4245.87	-4321.59	-60.07	4322.00	1.61
164	8181	90.0	182.1	4245.96	-4353.56	-61.41	4353.99	2.10
165	8213	90.7	182.0	4245.76	-4385.54	-62.56	4385.98	2.21
166	8244	91.1	182.4	4245.28	-4416.51	-63.75	4416.97	1.82
167	8307	91.4	183.0	4243.90	-4479.43	-66.71	4479.92	1.06
168	8339	90.3	182.9	4243.43	-4511.38	-68.36	4511.90	3.45
169	8371	90.0	183.4	4243.34	-4543.33	-70.12	4543.87	1.82
170	8403	90.1	183.0	4243.31	-4575.28	-71.91	4575.84	1.29
171	8434	90.2	183.2	4243.23	-4606.24	-73.58	4606.82	0.72
172	8466	90.5	183.5	4243.04	-4638.18	-75.45	4638.79	1.33
173	8498	90.7	183.0	4242.70	-4670.13	-77.27	4670.76	1.68
174	8518	91.2	183.6	4242.37	-4690.09	-78.42	4690.73	3.90
PTB	8565	91.2	183.6	4241.39	-4736.99	-81.37	4737.67	0.00

THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY. DISTANCES, COORDINATES AND BEARINGS SHOWN ARE NOT INTENDED TO BE DEFINITIVE IN ESTABLISHING ACTUAL TITLE BOUNDARIES. THIS DRAWING IS FOR CONSTRUCTION PURPOSES ONLY.
 All Bearings, Distances, and Coordinates shown hereon are based on the Kansas State Plane Coordinate System, N.A.D. 27 Datum, South Zone.



I hereby certify this plat true and correct to the best of my knowledge and belief.

AS-DRILLED PLAT
ENCANA OIL & GAS (USA) INC.
J & A ASSOCIATES 11H-1
NESS COUNTY, KANSAS
SCALE: 1" = 1000'

--- UNIT LINE

REV: 11-15-2012
 REV: 10-01-2012
 REV: 09-25-2012
 08-30-2012