

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1262712  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1262712

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity		

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Borehole ID	Measured Depth (ft)	Azimuth (deg)	Inclination (deg)	EW (ft)
TL348	0.00	349.20	100.00	0.00
TL348	49.21	348.18	99.33	-9.51
TL348	68.90	348.25	96.01	-13.52
TL348	88.58	348.17	97.19	-17.49
TL348	108.27	348.55	99.98	-21.42
TL348	127.95	348.59	96.15	-25.30
TL348	147.64	348.21	93.36	-29.23
TL348	167.32	347.89	95.03	-33.30
TL348	187.01	347.47	97.84	-37.47
TL348	206.69	347.36	100.00	-41.70
TL348	236.22	347.38	99.79	-48.06
TL348	255.91	347.66	96.81	-52.26
TL348	275.59	347.94	97.14	-56.40
TL348	295.28	347.55	94.06	-60.56
TL348	314.96	347.62	93.31	-64.80
TL348	334.65	348.19	95.05	-68.90
TL348	354.33	347.87	92.55	-72.97
TL348	374.02	348.61	94.31	-76.97
TL348	393.70	349.20	92.11	-80.74
TL348	413.39	349.18	91.77	-84.45
TL348	433.07	348.73	89.65	-88.22
TL348	452.76	348.54	89.93	-92.09
TL348	472.44	347.20	88.86	-96.23
TL348	492.13	345.73	89.43	-100.82
TL348	511.81	345.77	90.48	-105.68
TL348	531.50	347.38	89.70	-110.24
TL348	551.18	348.67	91.07	-114.34
TL348	570.87	344.73	91.45	-118.86
TL348	590.55	349.68	90.48	-123.23
TL348	610.24	349.44	90.51	-126.77
TL348	629.92	349.74	91.12	-130.35
TL348	649.61	348.67	90.00	-134.02
TL348	669.29	348.55	91.12	-137.93
TL348	688.98	348.71	90.66	-141.80
TL348	708.66	348.34	90.64	-145.70
TL348	728.35	347.98	90.75	-149.74
TL348	748.03	347.32	90.73	-153.97
TL348	767.72	347.52	90.84	-158.23
TL348	787.40	347.32	90.06	-162.53
TL348	807.09	347.36	90.62	-166.86
TL348	826.77	346.83	90.50	-171.26
TL348	846.46	346.84	90.44	-175.72
TL348	866.14	347.31	90.06	-180.12
TL348	885.83	348.77	90.33	-184.22
TL348	905.51	348.50	91.04	-188.09
TL348	925.20	348.36	91.01	-192.03

TL348	944.88	347.86	90.78	-196.10
TL348	964.57	347.45	90.39	-200.30
TL348	984.25	346.85	91.84	-204.69
TL348	1003.94	347.56	90.39	-209.02
TL348	1023.62	347.31	89.84	-213.32
TL348	1043.31	347.69	90.03	-217.59
TL348	1062.99	349.12	91.53	-221.52
TL348	1082.68	349.80	89.71	-225.13
TL348	1102.36	348.60	91.80	-228.84
TL348	1122.05	349.16	90.27	-232.61
TL348	1141.73	348.04	89.58	-236.52
TL348	1161.42	348.01	91.84	-240.58
TL348	1181.10	348.05	90.10	-244.69
TL348	1200.79	348.02	91.40	-248.75
TL348	1220.47	347.45	89.46	-252.95
TL348	1240.16	347.48	91.44	-257.22
TL348	1259.84	346.87	89.20	-261.58
TL348	1279.53	347.64	90.37	-265.91
TL348	1299.21	349.57	91.40	-269.82
TL348	1318.90	349.22	89.33	-273.43
TL348	1338.58	349.03	91.10	-277.13
TL348	1358.27	348.84	90.69	-280.94
TL348	1377.95	348.73	89.87	-284.74
TL348	1397.64	349.10	91.31	-288.55
TL348	1417.32	349.50	89.25	-292.19
TL348	1437.01	348.09	90.11	-296.03
TL348	1456.69	347.53	89.48	-300.16
TL348	1476.38	347.75	91.28	-304.40
TL348	1496.06	348.40	90.29	-308.46
TL348	1515.75	348.65	91.50	-312.37
TL348	1535.43	348.51	89.59	-316.27
TL348	1555.12	347.45	91.19	-320.37
TL348	1574.80	347.81	91.78	-324.57
TL348	1594.49	347.55	89.59	-328.77
TL348	1614.17	348.51	91.52	-332.87
TL348	1633.86	347.78	89.07	-336.91
TL348	1653.54	348.71	91.15	-340.91
TL348	1673.23	348.22	88.94	-344.85
TL348	1692.91	346.87	89.76	-349.11
TL348	1712.60	346.91	89.56	-353.58
TL348	1732.28	346.50	89.94	-358.10
TL348	1751.97	346.89	90.65	-362.63
TL348	1771.65	345.36	90.32	-367.36
TL348	1791.34	346.32	91.32	-372.15
TL348	1811.02	346.62	88.66	-376.77
TL348	1830.71	347.69	88.60	-381.14
TL348	1850.39	346.76	88.97	-385.50

TL348	1870.08	347.08	92.26	-389.93
TL348	1889.76	347.79	90.41	-394.23
TL348	1909.45	347.78	90.14	-398.39
TL348	1929.13	348.21	92.51	-402.49
TL348	1948.82	348.11	89.97	-406.53
TL348	1968.50	348.38	91.25	-410.53
TL348	1988.19	348.49	91.27	-414.47
TL348	2007.87	347.43	90.36	-418.57
TL348	2027.56	347.39	91.54	-422.87
TL348	2047.24	348.02	89.44	-427.07
TL348	2066.93	347.48	89.81	-431.23
TL348	2086.61	347.90	91.51	-435.43
TL348	2106.30	347.74	90.25	-439.60
TL348	2125.98	348.66	90.39	-443.60
TL348	2145.67	348.78	90.60	-447.47
TL348	2165.35	347.94	91.34	-451.44
TL348	2185.04	347.37	88.78	-455.64
TL348	2204.72	348.17	90.20	-459.81
TL348	2224.41	348.85	91.57	-463.75
TL348	2244.09	348.26	89.09	-467.65
TL348	2263.78	347.31	91.10	-471.82
TL348	2283.46	347.26	89.76	-476.15
TL348	2303.15	347.24	89.89	-480.48
TL348	2322.83	348.90	90.90	-484.55
TL348	2342.52	350.40	88.87	-488.09
TL348	2362.20	350.07	90.37	-491.44
TL348	2381.89	350.76	90.66	-494.72
TL348	2401.57	349.79	89.44	-498.03
TL348	2421.26	348.97	88.68	-501.67
TL348	2440.94	348.28	90.40	-505.54
TL348	2460.63	348.57	90.15	-509.51
TL348	2480.31	349.16	90.76	-513.29
TL348	2500.00	348.58	89.34	-517.09
TL348	2519.69	348.65	91.01	-521.00
TL348	2539.37	347.47	89.15	-525.07
TL348	2559.06	347.30	90.57	-529.36
TL348	2578.74	347.09	90.57	-533.73
TL348	2598.43	346.96	89.70	-538.12
TL348	2618.11	347.33	89.02	-542.52
TL348	2637.80	347.23	90.44	-546.85
TL348	2657.48	347.07	89.93	-551.25
TL348	2677.17	347.88	91.32	-555.51
TL348	2696.85	347.33	89.60	-559.71
TL348	2716.54	347.74	90.58	-563.98
TL348	2736.22	347.84	88.88	-568.14
TL348	2755.91	348.45	90.36	-572.18
TL348	2775.59	348.56	91.13	-576.12

TL348	2795.28	348.99	90.48	-579.92
TL348	2814.96	349.29	89.90	-583.66
TL348	2834.65	348.96	90.02	-587.37
TL348	2854.33	348.79	90.05	-591.14
TL348	2874.02	348.31	89.68	-595.08
TL348	2893.70	348.69	88.89	-598.98
TL348	2913.39	347.27	88.85	-603.08
TL348	2933.07	346.77	89.72	-607.51
TL348	2952.76	347.01	89.45	-611.98
TL348	2972.44	348.10	91.20	-616.21
TL348	2992.13	347.60	91.35	-620.37
TL348	3011.81	348.20	90.27	-624.48
TL348	3031.50	347.14	89.34	-628.67
TL348	3051.18	346.26	90.41	-633.20
TL348	3070.87	345.91	89.93	-637.96
TL348	3090.55	346.81	90.33	-642.59
TL348	3110.24	347.18	89.58	-647.01
TL348	3129.92	347.54	89.32	-651.35
TL348	3149.61	348.76	90.03	-655.38
TL348	3169.29	348.34	89.40	-659.28
TL348	3188.98	347.49	90.14	-663.42
TL348	3208.66	346.85	91.62	-667.78
TL348	3228.35	346.38	89.57	-672.34
TL348	3248.03	346.26	90.63	-677.00
TL348	3267.72	345.37	91.68	-681.82
TL348	3287.40	342.35	89.71	-687.27
TL348	3307.09	346.81	90.51	-692.52
TL348	3326.77	348.01	89.62	-696.82
TL348	3346.46	348.93	90.77	-700.72
TL348	3366.14	350.90	90.88	-704.20
TL348	3385.83	350.57	89.49	-707.35
TL348	3405.51	349.60	90.58	-710.76
TL348	3425.20	347.76	90.07	-714.60
TL348	3444.88	347.59	91.33	-718.80
TL348	3464.57	348.37	91.02	-722.90
TL348	3484.25	348.87	90.01	-726.80
TL348	3503.94	348.06	90.76	-730.74
TL348	3523.62	348.19	89.90	-734.78
TL348	3543.31	346.37	89.95	-739.11
TL348	3562.99	345.37	90.97	-743.93
TL348	3582.68	346.87	92.10	-748.65
TL348	3602.36	349.63	92.07	-752.66
TL348	3622.05	349.75	91.46	-756.17
TL348	3641.73	349.31	92.20	-759.74
TL348	3661.42	347.51	91.28	-763.68
TL348	3681.10	347.39	91.78	-767.98
TL348	3700.79	348.20	91.38	-772.11

TL348	3720.47	348.86	90.36	-776.05
TL348	3740.16	349.07	88.78	-779.82
TL348	3759.84	349.10	88.51	-783.53
TL348	3779.53	349.31	90.21	-787.20
TL348	3799.21	348.29	90.84	-791.04
TL348	3818.90	346.89	91.49	-795.28
TL348	3838.58	346.90	91.53	-799.74
TL348	3858.27	346.25	91.03	-804.30
TL348	3877.95	346.06	92.27	-809.02
TL348	3897.64	347.02	91.56	-813.58
TL348	3917.32	347.71	90.87	-817.88
TL348	3937.01	348.61	90.49	-821.95
TL348	3956.69	349.38	90.94	-825.69
TL348	3976.38	348.43	89.58	-829.49
TL348	3996.06	347.20	89.54	-833.63
TL348	4000.98	346.98	89.53	-834.74
TL348	4005.91	345.84	89.32	-835.89
TL348	4010.83	345.28	89.12	-837.11
TL348	4015.75	345.20	89.01	-838.39
TL348	4035.43	346.31	90.07	-843.21
TL348	4055.12	346.29	91.25	-847.87
TL348	4074.80	348.34	92.78	-852.20
TL348	4094.49	348.55	93.67	-856.14
TL348	4104.33	348.20	94.46	-858.10
TL348	4114.17	350.03	95.53	-859.97
TL348	4124.02	348.97	95.42	-861.75
TL348	4133.86	350.13	95.40	-863.52
TL348	4143.70	348.42	95.90	-865.35
TL348	4153.54	351.09	96.42	-867.09
TL348	4173.23	351.57	95.82	-870.05
TL348	4192.91	351.15	94.48	-872.97
TL348	4212.60	351.81	93.71	-875.89
TL348	4232.28	348.90	94.58	-879.17
TL348	4251.97	348.47	94.72	-883.04
TL348	4271.65	346.71	94.24	-887.24
TL348	4291.34	346.82	93.98	-891.73
TL348	4311.02	346.92	94.24	-896.19
TL348	4330.71	347.39	93.42	-900.56
TL348	4350.39	347.58	93.61	-904.82
TL348	4370.08	348.04	92.87	-908.99
TL348	4389.76	348.32	92.29	-912.99
TL348	4409.45	349.18	92.31	-916.83
TL348	4429.13	348.51	91.05	-920.64
TL348	4448.82	347.35	92.30	-924.77
TL348	4468.50	348.32	91.44	-928.90
TL348	4488.19	347.52	90.64	-933.04
TL348	4507.87	348.41	90.72	-937.14



TL348	4527.56	348.28	90.52	-941.11
TL348	4547.24	346.78	90.19	-945.37
TL348	4566.93	347.49	90.73	-949.74
TL348	4586.61	347.49	89.24	-954.00
TL348	4606.30	350.24	89.05	-957.81
TL348	4625.98	350.55	89.89	-961.09
TL348	4645.67	350.52	91.90	-964.34
TL348	4665.35	349.11	93.34	-967.81
TL348	4685.04	348.28	92.97	-971.65
TL348	4704.72	346.53	92.34	-975.95
TL348	4724.41	344.93	91.01	-980.77
TL348	4744.09	346.73	90.99	-985.60
TL348	4763.78	348.25	90.68	-989.86
TL348	4783.46	348.21	89.91	-993.90
TL348	4803.15	348.09	91.05	-997.93
TL348	4822.83	346.38	89.91	-1002.26
TL348	4842.52	347.16	89.65	-1006.79
TL348	4862.20	347.40	90.14	-1011.12
TL348	4881.89	348.59	89.51	-1015.22
TL348	4901.57	350.41	90.48	-1018.80
TL348	4921.26	350.02	88.99	-1022.15
TL348	4940.94	350.42	90.48	-1025.49
TL348	4960.63	348.35	90.53	-1029.10
TL348	4980.31	347.67	91.82	-1033.20
TL348	5000.00	346.35	91.43	-1037.63
TL348	5019.69	344.43	90.66	-1042.59
TL348	5039.37	345.96	89.93	-1047.60
TL348	5059.06	346.87	89.78	-1052.23
TL348	5078.74	349.59	91.07	-1056.27
TL348	5098.43	347.93	91.95	-1060.10
TL348	5118.11	347.17	91.81	-1064.34
TL348	5137.80	347.97	91.85	-1068.57
TL348	5157.48	348.14	90.92	-1072.64
TL348	5177.17	349.54	90.29	-1076.44
TL348	5196.85	350.34	90.59	-1079.89
TL348	5216.54	349.12	89.92	-1083.40
TL348	5236.22	349.04	90.61	-1087.14
TL348	5255.91	347.03	90.68	-1091.21
TL348	5269.03	345.69	90.09	-1094.29

NS (ft)	True Vertical Depth (ft, Subsea)
0.00	263.24
47.57	254.98
66.67	252.35
85.79	250.09
104.86	247.17
123.98	244.38
143.18	242.77
162.40	241.33
181.50	239.10
200.49	236.05
228.87	230.99
247.87	228.14
266.96	225.74
286.12	223.84
305.31	222.56
324.51	221.12
343.70	219.84
362.96	218.66
382.25	217.54
401.57	216.89
420.87	216.62
440.19	216.72
459.42	216.92
478.54	217.21
497.64	217.21
516.77	217.18
536.02	217.05
555.18	216.62
574.38	216.30
593.73	216.13
613.09	215.84
632.41	215.64
651.71	215.44
671.03	215.15
690.32	214.92
709.58	214.69
728.81	214.43
748.00	214.16
767.22	214.00
786.42	213.90
805.61	213.70
824.77	213.54
843.96	213.44
863.22	213.38
882.51	213.15
901.80	212.78

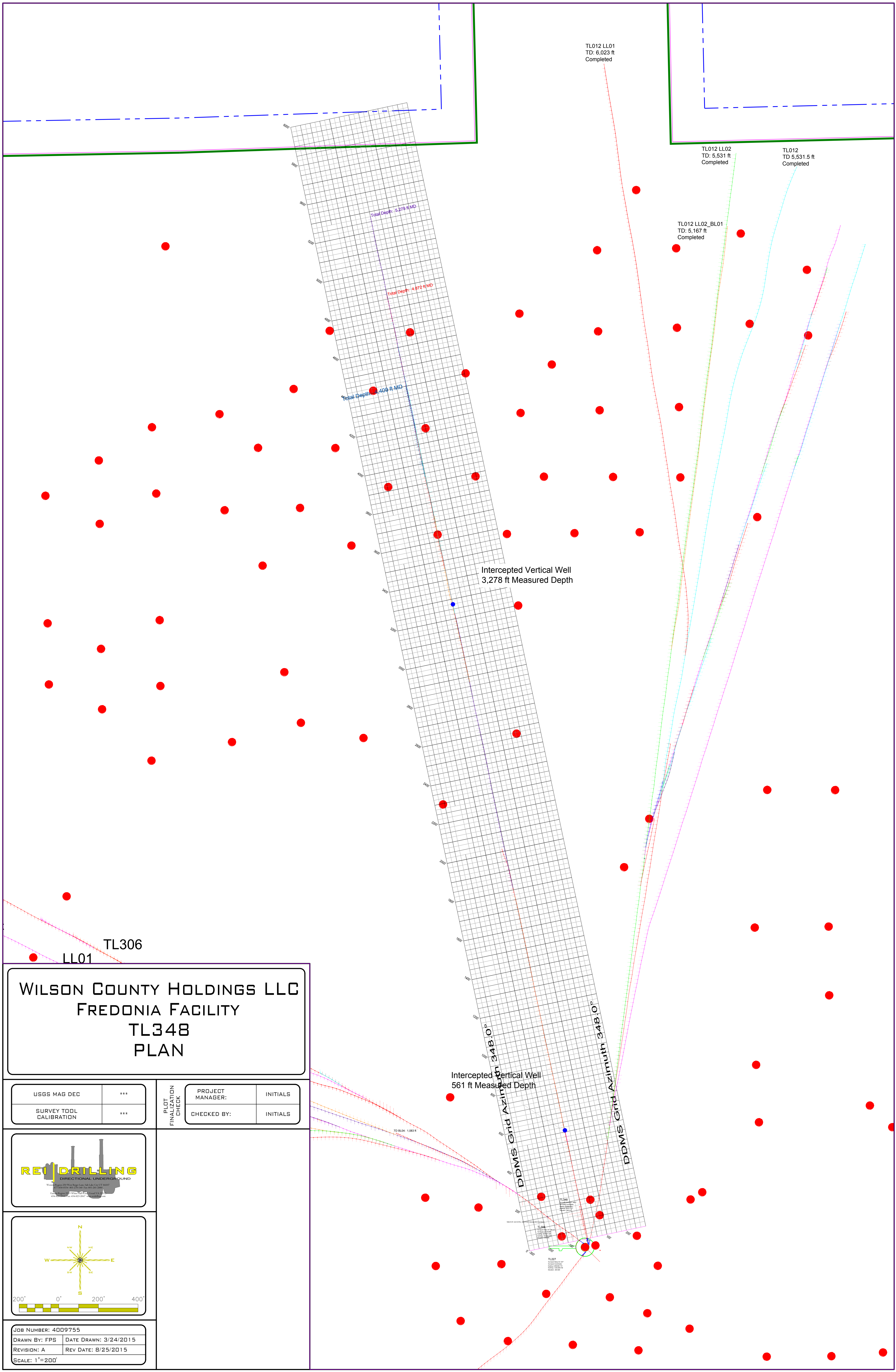
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940.29	212.29
959.48	211.90
978.67	211.51
997.90	211.47
1017.09	211.51
1036.38	211.24
1055.74	211.01
1075.07	210.75
1094.39	210.39
1113.68	210.42
1132.94	210.19
1152.20	209.86
1171.46	209.60
1190.68	209.44
1209.88	209.31
1229.07	209.18
1248.29	209.24
1267.59	208.95
1286.91	208.81
1306.27	208.75
1325.56	208.45
1344.88	208.36
1364.21	208.16
1383.53	208.06
1402.85	208.16
1422.08	208.22
1441.31	208.09
1460.56	207.83
1479.86	207.50
1499.15	207.34
1518.41	207.21
1537.63	206.68
1556.86	206.45
1576.12	206.26
1595.37	206.16
1614.63	206.12
1633.92	206.09
1653.15	206.32
1672.31	206.45
1691.47	206.52
1710.63	206.42
1729.76	206.26
1748.82	205.96
1767.98	205.99
1787.14	206.45
1806.33	206.88

1825.52	206.65
1844.72	206.19
1863.98	206.09
1883.20	205.63
1902.46	205.21
1921.75	205.01
1941.01	204.58
1960.27	204.29
1979.49	203.96
1998.72	203.80
2017.95	203.93
2037.17	203.70
2056.43	203.40
2075.69	203.30
2094.98	203.14
2114.27	202.78
2133.50	202.78
2152.72	202.94
2172.01	202.65
2191.31	202.52
2210.56	202.48
2229.76	202.35
2248.95	202.42
2268.21	202.29
2287.57	202.32
2306.96	202.45
2326.38	202.25
2345.77	202.25
2365.12	202.58
2384.42	202.71
2403.71	202.61
2423.03	202.48
2442.32	202.45
2461.65	202.38
2480.91	202.38
2500.10	202.42
2519.29	202.22
2538.48	202.19
2557.68	202.38
2576.87	202.48
2596.06	202.42
2615.29	202.22
2634.51	202.06
2653.71	202.02
2672.97	202.12
2692.22	202.25
2711.52	201.99

2730.81	201.70
2750.16	201.63
2769.49	201.66
2788.81	201.63
2808.10	201.70
2827.36	201.93
2846.62	202.32
2865.81	202.58
2884.97	202.71
2904.20	202.61
2923.43	202.15
2942.68	201.89
2961.91	201.96
2981.07	201.99
3000.16	201.93
3019.32	201.89
3038.48	201.89
3057.71	202.09
3076.97	202.19
3096.26	202.29
3115.49	202.38
3134.68	202.09
3153.84	201.86
3172.97	201.83
3192.06	201.43
3210.96	201.20
3229.92	201.17
3249.15	201.14
3268.41	201.07
3287.80	200.81
3307.22	200.74
3326.61	200.71
3345.93	200.61
3365.16	200.38
3384.38	199.96
3403.71	199.79
3422.97	199.66
3442.26	199.53
3461.45	199.56
3480.54	199.40
3499.64	198.87
3518.90	198.18
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3576.87	196.35
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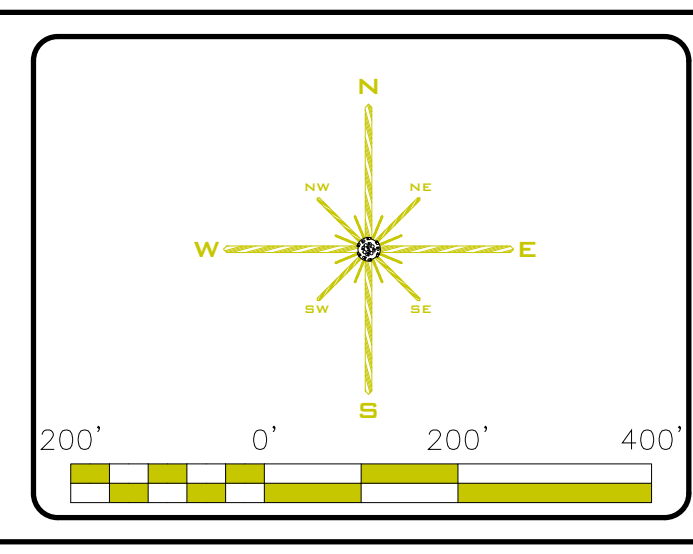
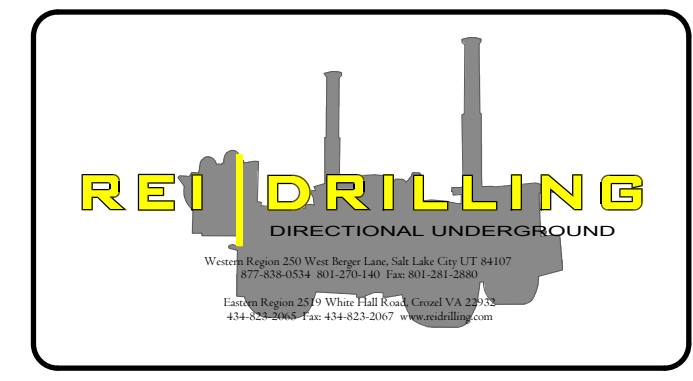
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3653.94	195.13
3673.26	195.59
3692.59	195.79
3711.88	195.63
3731.10	195.23
3750.26	194.71
3769.42	194.28
3788.52	193.69
3807.64	193.03
3826.87	192.61
3846.13	192.38
3865.45	192.15
3884.78	192.05
3904.00	192.21
3908.79	192.25
3913.58	192.28
3918.34	192.38
3923.10	192.44
3942.19	192.61
3961.32	192.38
3980.51	191.69
3999.77	190.57
4009.38	189.88
4019.00	189.03
4028.64	188.08
4038.25	187.16
4047.90	186.18
4057.51	185.13
4076.87	183.03
4096.26	181.26
4115.68	179.85
4135.04	178.43
4154.27	176.83
4173.43	175.28
4192.55	173.87
4211.65	172.46
4230.81	171.15
4250.00	169.94
4269.19	168.85
4288.45	167.97
4307.74	167.15
4327.03	166.59
4346.29	166.00
4365.52	165.38
4384.78	165.02
4404.00	164.79

4423.29	164.56
4442.52	164.46
4461.71	164.29
4480.91	164.29
4500.23	164.59
4519.65	164.75
4539.04	164.46
4558.40	163.57
4577.69	162.49
4596.88	161.57
4615.94	160.98
4635.01	160.65
4654.23	160.36
4673.52	160.26
4692.78	160.09
4711.98	159.93
4731.14	160.00
4750.33	160.03
4769.59	160.09
4788.94	160.09
4808.33	160.19
4827.72	160.29
4847.08	160.09
4866.34	159.70
4885.50	159.14
4904.56	158.78
4923.59	158.68
4942.72	158.75
4961.98	158.59
4981.30	158.06
5000.49	157.44
5019.72	156.78
5038.98	156.32
5058.27	156.12
5077.66	155.96
5097.01	155.86
5116.34	155.80
5135.60	155.57
5148.36	155.47



**WILSON COUNTY HOLDINGS LLC  
FREDONIA FACILITY  
TL348  
PLAN**

USGS MAG DEC	***	PLOT FINALIZATION CHECK	PROJECT MANAGER:	INITIALS
SURVEY TOOL CALIBRATION	***		CHECKED BY:	INITIALS



JOB NUMBER: 4009755	
DRAWN BY: FPS	DATE DRAWN: 3/24/2015
REVISION: A	REV DATE: 8/25/2015
SCALE: 1"=200'	

DIRE DRILLING, INC. CURRENT PROJECTS (STRANDED) FILED REI BOREHOLE PLAN (STRANDED) DILL FREDONIA PROJECT NEW DMS: 7/28/2015



