



KANSAS CORPORATION COMMISSION 1108976
OIL & GAS CONSERVATION DIVISION

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 # _____

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1108976

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	McElvain Energy, Inc.
Well Name	Uhrich 20 #1H
Doc ID	1108976

Tops

Name	Top	Datum
Cedar Hills	1299	1050
Stone Corral	1799	550
Base Stone Corral	1847	502
Wellington Salt	2172	177
Base Wellington	2259	90
Chase	2519	-170
Admire	2949	-600
Waubunsee	3199	-850
Topeka	3363	-1014
Heebner	3575	-1226
Toronto	3600	-1251
Lansing	3613	-1264
Base Kansas City	3842	-1493
Marmaton	3883	-1534
Pawnee Pay Top	3942	-1593
Pawnee Pay Bottom	3960	-1611
Cherokee Shale	3972	-1623

ALLIED OIL & GAS SERVICES, LLC 056186

Federal Tax I.D.# 20-5976804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 66665

SERVICE POINT: Russell

9-5/8 SURFACE

DATE <u>8-20-10</u>	SEC. <u>20</u>	TWP. <u>11</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00</u>	JOB FINISH <u>1:25</u>
LEASE <u>Whitaker</u>	WELL # <u>20-114</u>	LOCATION <u>Gallah 3W 2W 3N</u>			COUNTY <u>Windsor</u>	STATE <u>KS</u>	
OLD OR (NEW) (Circle one)							

CONTRACTOR Prinick rig 215

TYPE OF JOB Surface

HOLE SIZE 13 1/2 TD. 274

CASINO SIZE 9 5/8 DEPTH 2.32

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 42.76

CEMENT LEFT IN CSG. 42.76

PERFS.

DISPLACEMENT 17 1/2

OWNER _____

CEMENT AMOUNT ORDERED 225 JK CLASS A
31.66 JK Fly ash / JK

COMMON	<u>225</u>	@ <u>16.25</u>	<u>3656.25</u>
POZMIX		@	
GBL		@	
CHLORIDE	<u>B</u>	@ <u>58.20</u>	<u>145.60</u>
ASC	<u>400 gal 40%</u>	@ <u>3.70</u>	<u>1482.00</u>
	<u>200 gal</u>	@ <u>1.00</u>	<u>200.00</u>
HANDLING	<u>140</u>	@ <u>3.50</u>	<u>490.00</u>
MILEAGE	<u>3.22</u>	@ <u>2.35</u>	<u>75.67</u>
TOTAL			<u>5774.52</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>1</u>
# <u>409</u>	HELPER <u>2</u>
BULK TRUCK	DRIVER <u>KEVIN R 3</u>
# <u>413</u>	

REMARKS:

run 9 5/8 3 1/2" pipe. 6' at 274' depth
run 10 1/2" hole 3 1/2" pipe. mix 2.25 JK cement
released plus displaced 17 1/2' hole cement
plus 2 1/2" hole cement 10' hole cement
produce plug hole.
* Cement DID not set. no surface!
HAWK!

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE	<u>1.25</u>	@	<u>1.25</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>3.5</u>	@ <u>17.00</u>	<u>59.50</u>
MANIFOLD	<u>200</u>	@ <u>2.00</u>	<u>400.00</u>
	<u>111.25</u>	@ <u>4.00</u>	<u>445.00</u>
# within 3 Hr	<u>3.22</u>	@ <u>3.00</u>	<u>9.66</u>
# within 3 Hr	<u>3.22</u>	@ <u>1.00</u>	<u>3.22</u>
TOTAL			<u>1042.63</u>
			<u>2680.00</u>

CHARGE TO: Matthias Energy

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

9 5/8 hole cement: 100	@ <u>1.58</u>	<u>158.00</u>
APL plug valve	@ <u>4.17</u>	<u>457.00</u>
guide line keys etc	@ <u>4.17</u>	<u>457.00</u>
centerline	@ <u>1.15</u>	<u>127.50</u>
# break etc	@ <u>3.55</u>	<u>355.00</u>
TOTAL		<u>1754.50</u>

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) 418.95

TOTAL CHARGES 10,192.75

DISCOUNT 3567.76 IF PAID IN 30 DAYS

BS 8-8-12

PRINTED NAME _____

SIGNATURE [Signature]

ALLIED OIL & GAS SERVICES, LLC 056504

Federal Tax I.D.# 20-5076004

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

7" INTERMEDIATE

SERVICE POINT: Oakley
Russell KS

DATE <u>8-20-12</u>	SEC. <u>20</u>	TWP. <u>11S</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00 AM</u>	JOB FINISH <u>12:30 AM</u>
LEASE <u>Which</u>		WELL # <u>20-11</u>	LOCATION <u>Ogahalla KS 3N 2W 2N Winto</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Trinidad #215</u>	OWNER
TYPE OF JOB <u>Intermediate</u>	
HOLE SIZE <u>8 1/4"</u>	T.D. <u>4626</u>
CASINO SIZE <u>7"</u>	DEPTH <u>4624</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>38.55</u>	
PERFS.	
DISPLACEMENT <u>1755 477 111</u>	

EQUIPMENT

PUMP TRUCK CEMENTER <u>Robert V. B.</u>	<u>Bob Smith</u>
# <u>372</u> HELPER <u>Wayne Mo. B.</u>	
BULK TRUCK	
# <u>182 844</u> DRIVER <u>Don Casper</u>	<u>2</u>
BULK TRUCK	
# <u>386</u> DRIVER <u>Chris H.</u>	<u>3</u>

CEMENT	
AMOUNT ORDERED <u>300 AMD</u>	
<u>350 Allied Light</u>	
COMMON	@
POZMIX	@
GEL	@
CHLORIDE	<u>8</u> @ <u>58.20</u> <u>465.60</u>
ASC	@
AMD	<u>300</u> @ <u>23.55</u> <u>7065.00</u>
Allied Light	<u>350</u> @ <u>16.00</u> <u>5250.00</u>
Fl-160	<u>85</u> @ <u>17.20</u> <u>1462.00</u>
Defoamer	<u>42</u> @ <u>8.90</u> <u>373.80</u>
Fl-Seal	<u>87</u> @ <u>2.70</u> <u>234.90</u>
Gilsonite	<u>300</u> @ <u>0.89</u> <u>267.00</u>
HANDLING	<u>477.00</u> @ <u>2.10</u> <u>1005.90</u>
MILEAGE	<u>805</u> @ <u>2.35</u> <u>1891.75</u>
TOTAL	<u>18,015.95</u>

REMARKS:

mixed 25 sbs of scavenger cement mix 2.75 sbs AMD
displace 176.5 hbl plug did not land open DVT
circulate for 4 to 5 hours pump 10 hbl of water
spacer mix 350 sbs of Allied Light (125 hbl)
displace 88.5 hbl of water to land plug at
1500 "

SERVICE

DEPTH OF JOB	<u>4624 ft</u>
PUMP TRUCK CHARGE	<u>2,225.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>25</u> @ <u>4.00</u> <u>100.00</u>
MANIFOLD	<u>1 day</u> @ <u>2.00</u> <u>2.00</u>
	<u>2.5</u> @ <u>4.00</u> <u>10.00</u>
visit time	<u>2</u> @ <u>400</u> <u>800.00</u>
TOTAL	<u>3500.00</u>

CHARGE TO: Mc Elvain

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

All Weather food	
Sure Seal Float shoe	<u>1</u> @ <u>609.00</u> <u>609.00</u>
Float collar	<u>1</u> @ <u>758.00</u> <u>758.00</u>
Stage collar	<u>1</u> @ <u>4701.00</u> <u>4701.00</u>
Backfill	<u>2</u> @ <u>395.00</u> <u>790.00</u>
Centralizer	<u>10</u> @ <u>36.00</u> <u>360.00</u>
Top Rubber plug	<u>1</u> @ <u>85.00</u> <u>85.00</u>
TOTAL	<u>7,503.00</u>

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) 1538.24

TOTAL CHARGES 29,018.95

DISCOUNT 6887.16 IR PAID IN 30 DAYS

BS 8-21

PRINTED NAME Landon Tucker

SIGNATURE [Signature]



Company: **McElvain Energy**
 Field: **Pawnee**
 County: **Trego County, KS**
 Well Name: **Uhrich 20-1H**
 Rig: **Trinidad 215**

Job Number: **4811524**
 Magnetic Decl: **5.86 E**
 Grid Corr: **1.13 W**
 Total Survey Corr: **6.99**
 Date Printed: **14-Dec-12**

Proposed Azimuth: **353.36**
 Target Inclination: **90.00**
 TVD: **3986.00**
 BRN From Survey: **0.72**
 BRN From Bit: **0.42**

PBHL
 TVD **3992.05**
 VS **4774.00**
 N/S **4741.94 N**
 E/W **552.33 W**

Projection		45.00	Depth (ft)		7970.00	Incl.		90.89	Azimuth		350.34	TVD		3984.35	VS		4355.19	N/S		4321.88 N	E/W		538.76 W	Inc. Needed	Direction Needed	Dist To Target
No.	Tool Type	Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')											
									N/S (ft)	E/W (ft)	Dist (ft)	Ang (°)	(°/100')	(°/100')	(°/100')											
0	SURF	0.00	0.00	164.70	0.00 W	0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00	0.00	0											
1	GYRO	200.00	0.20	86.74	86.74 E	200	200.00	-0.02	0.02 N	0.35 E	0.35	86.74	0.10	0.10	-38.98	51.54	353.4	4774.02								
2	GYRO	400.00	0.15	99.14	80.86 E	200	400.00	-0.11	0.00 S	0.96 E	0.96	90.11	0.03	-0.03	6.20	53.04	353.3	4774.11								
3	GYRO	600.00	0.15	123.37	56.63 E	200	600.00	-0.35	0.19 S	1.43 E	1.44	97.46	0.03	0.00	12.12	54.61	353.3	4774.35								
4	GYRO	800.00	0.13	105.10	74.90 E	200	800.00	-0.60	0.39 S	1.87 E	1.91	101.80	0.02	-0.01	-9.14	56.24	353.3	4774.60								
5	GYRO	1000.00	0.36	93.23	86.77 E	200	999.99	-0.80	0.49 S	2.72 E	2.76	100.12	0.12	0.12	-5.94	57.93	353.3	4774.80								
6	GYRO	1200.00	0.66	82.77	82.77 E	200	1199.99	-0.89	0.38 S	4.49 E	4.50	94.78	0.16	0.15	-5.23	59.68	353.3	4774.89								
7	GYRO	1400.00	0.32	54.09	54.09 E	200	1399.98	-0.61	0.10 N	6.08 E	6.08	89.09	0.20	-0.17	-14.34	61.50	353.3	4774.61								
8	GYRO	1600.00	0.51	7.24	7.24 E	200	1599.97	0.53	1.31 N	6.65 E	6.77	78.87	0.19	0.10	-23.43	63.38	353.3	4773.47								
9	GYRO	1800.00	0.39	350.60	N 9.40 W	200	1799.97	2.07	2.86 N	6.65 E	7.24	66.70	0.09	-0.06	-8.32	65.33	353.3	4771.93								
10	GYRO	2000.00	0.14	328.27	N 31.73 W	200	1999.97	2.98	3.74 N	6.41 E	7.42	59.72	0.13	-0.13	-11.17	67.34	353.3	4771.03								
11	GYRO	2200.00	0.29	353.36	N 6.64 W	200	2199.96	3.70	4.45 N	6.22 E	7.65	54.41	0.09	0.08	12.55	69.41	353.3	4770.30								
12	GYRO	2400.00	0.11	342.77	N 17.23 W	200	2399.96	4.40	5.14 N	6.11 E	7.98	49.92	0.09	-0.09	-5.30	71.54	353.3	4769.61								
13	GYRO	2600.00	0.29	351.88	N 8.12 W	200	2599.96	5.09	5.82 N	5.98 E	8.34	45.75	0.09	0.09	4.56	73.73	353.3	4768.91								
14	GYRO	2800.00	0.19	11.29	N 11.29 E	200	2799.96	5.91	6.65 N	5.97 E	8.94	41.92	0.06	-0.05	9.71	75.96	353.3	4768.09								
15	GYRO	3000.00	0.31	27.94	N 27.94 E	200	2999.96	6.67	7.45 N	6.29 E	9.75	40.16	0.07	0.06	8.33	78.24	353.3	4767.33								
16	GYRO	3027.00	0.19	34.08	N 34.08 E	27	3026.96	6.77	7.55 N	6.35 E	9.87	40.04	0.45	-0.44	22.74	78.56	353.3	4767.24								
17	MWD1	3066.00	0.33	57.32	N 57.32 E	39	3065.96	6.87	7.67 N	6.48 E	10.04	40.20	0.44	0.36	59.59	79.01	353.3	4767.14								
18	MWD1	3097.00	0.44	93.95	S 86.05 E	31	3096.96	6.88	7.71 N	6.67 E	10.19	40.88	0.85	0.35	118.16	79.37	353.3	4767.12								
19	MWD1	3129.00	0.48	56.78	N 56.78 E	32	3128.96	6.92	7.77 N	6.91 E	10.40	41.63	0.92	0.13	-116.16	79.74	353.3	4767.08								
20	MWD1	3160.00	1.36	6.66	N 6.66 E	31	3159.95	7.34	8.21 N	7.06 E	10.83	40.69	3.60	2.84	-161.68	80.10	353.3	4766.67								
21	MWD1	3191.00	3.18	358.87	N 1.13 W	31	3190.93	8.55	9.43 N	7.08 E	11.80	36.90	5.94	5.87	-25.13	80.46	353.3	4765.45								
22	MWD1	3223.00	4.78	1.30	N 1.30 E	32	3222.85	10.76	11.66 N	7.10 E	13.65	31.34	5.03	5.00	7.59	80.83	353.3	4763.25								
23	MWD1	3255.00	6.89	5.09	N 5.09 E	32	3254.68	13.96	14.90 N	7.30 E	16.59	26.09	6.70	6.59	11.84	81.19	353.2	4760.05								
24	MWD1	3286.00	9.01	5.08	N 5.08 E	31	3285.38	18.15	19.17 N	7.68 E	20.65	21.83	6.84	6.84	-0.03	81.55	353.2	4755.86								
25	MWD1	3317.00	11.37	0.79	N 0.79 E	31	3315.89	23.56	24.64 N	7.93 E	25.89	17.85	7.99	7.61	-13.84	81.90	353.2	4750.45								
26	MWD1	3349.00	13.59	355.20	N 4.80 W	32	3347.13	30.45	31.55 N	7.66 E	32.46	13.65	7.89	6.94	-17.47	82.26	353.2	4743.56								
27	MWD1	3381.00	15.81	349.92	N 10.08 W	32	3378.09	38.56	39.59 N	6.59 E	40.13	9.45	8.10	6.94	-16.50	82.61	353.2	4735.45								
28	MWD1	3412.00	18.55	350.61	N 9.39 W	31	3407.70	47.70	48.61 N	5.04 E	48.87	5.92	8.86	8.84	2.23	82.95	353.2	4726.31								
29	MWD1	3444.00	20.83	353.48	N 6.52 W	32	3437.83	58.48	59.29 N	3.57 E	59.39	3.44	7.74	7.12	8.97	83.30	353.2	4715.53								
30	MWD1	3475.00	24.27	353.85	N 6.15 W	31	3466.45	70.36	71.10 N	2.26 E	71.14	1.82	11.11	11.10	1.19	83.62	353.2	4703.65								
31	MWD1	3507.00	27.49	355.42	N 4.58 W	32	3495.24	84.32	85.01 N	0.96 E	85.01	0.65	10.29	10.06	4.91	83.95	353.2	4689.69								
32	MWD1	3538.00	29.82	356.78	N 3.22 W	31	3522.44	99.17	99.83 N	0.04 W	99.83	359.98	7.80	7.52	4.39	84.26	353.2	4674.84								
33	MWD1	3569.00	31.94	356.32	N 3.68 W	31	3549.05	115.06	115.72 N	1.00 W	115.72	359.50	6.88	6.84	-1.48	84.57	353.2	4658.96								
34	MWD1	3601.00	34.54	355.21	N 4.79 W	32	3575.81	132.58	133.21 N	2.30 W	133.23	359.01	8.34	8.12	-3.47	84.88	353.2	4641.44								
35	MWD2	3632.00	37.18	355.38	N 4.62 W	31	3600.93	150.73	151.30 N	3.79 W	151.35	358.56	8.52	8.52	0.55	85.16	353.2	4623.29								
36	MWD2	3664.00	38.85	356.16	N 3.84 W	32	3626.14	170.42	170.96 N	5.24 W	171.04	358.24	5.43	5.22	2.44	85.46	353.2	4603.61								
37	MWD2	3696.00	40.60	356.49	N 3.51 W	32	3650.75	190.84	191.36 N	6.55 W	191.48	358.04	5.51	5.47	1.03	85.74	353.2	4583.19								
38	MWD3	3727.00	42.48	357.05	N 2.95 W	31	3673.95	211.36	211.89 N	7.71 W	212.03	357.92	6.18	6.06	1.81	86.01	353.1	4562.67								
39	MWD3	3759.00	44.19	357.22	N 2.78 W	32	3697.23	233.27	233.82 N	8.81 W	233.99	357.84	5.36	5.34	0.53	86.29	353.1	4540.77								
40	MWD3	3790.00	45.76	356.54	N 3.46 W	31	3719.16	255.14	255.70 N	10.00 W	255.89	357.76	5.30	5.06	-2.19	86.54	353.1	4518.90								
41	MWD3	3822.00	47.58	356.39	N 3.61 W	32	3741.11	278.38	278.93 N	11.44 W	279.16	357.65	5.70	5.69	-0.47	86.81	353.1	4495.67								



Company: **McElvain Energy**
 Field: **Pawnee**
 County: **Trego County, KS**
 Well Name: **Uhrich 20-1H**
 Rig: **Trinidad 215**

Job Number: **4811524**
 Magnetic Decl: **5.86 E**
 Grid Corr: **1.13 W**
 Total Survey Corr: **6.99**
 Date Printed: **14-Dec-12**

Proposed Azimuth: **353.36**
 Target Inclination: **90.00**
 TVD: **3986.00**
 BRN From Survey: **0.72**
 BRN From Bit: **0.42**

PBHL
 TVD **3992.05**
 VS **4774.00**
 N/S **4741.94 N**
 E/W **552.33 W**

Projection		45.00	Depth (ft)		7970.00	Incl.			90.89	Azimuth		350.34	TVD		3984.35	VS	4355.19	N/S		4321.88 N	E/W		538.76 W			
No.	Tool Type	Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')	Incl. Needed	Direction Needed	Dist To Target								
42	MWD3	3853.00	48.48	356.07	N 3.93 W	31	3761.84	301.40	301.93 N	12.95 W	302.21	357.54	3.00	2.90	-1.03	87.05	353.1	4472.65								
43	MWD3	3885.00	48.96	355.11	N 4.89 W	32	3782.96	325.43	325.90 N	14.80 W	326.24	357.40	2.71	1.50	-3.00	87.31	353.1	4448.63								
44	MWD3	3916.00	49.57	355.15	N 4.85 W	31	3803.19	348.91	349.31 N	16.80 W	349.71	357.25	1.97	1.97	0.13	87.56	353.0	4425.16								
45	MWD3	3947.00	51.89	354.35	N 5.65 W	31	3822.81	372.90	373.21 N	18.99 W	373.69	357.09	7.75	7.48	-2.58	87.80	353.0	4401.17								
46	MWD3	3979.00	54.72	353.30	N 6.70 W	32	3841.93	398.55	398.71 N	21.76 W	399.30	356.88	9.23	8.84	-3.28	88.03	353.0	4375.52								
47	MWD3	4010.00	57.24	352.79	N 7.21 W	31	3859.27	424.24	424.21 N	24.87 W	424.94	356.64	8.24	8.13	-1.65	88.25	353.0	4349.82								
48	MWD3	4042.00	59.36	352.48	N 7.52 W	32	3876.08	451.47	451.21 N	28.36 W	452.10	356.40	6.68	6.62	-0.97	88.46	353.0	4322.60								
49	MWD3	4073.00	60.77	352.57	N 7.43 W	31	3891.55	478.33	477.85 N	31.86 W	478.91	356.19	4.56	4.55	0.29	88.66	353.0	4295.74								
50	MWD3	4104.00	62.74	352.84	N 7.16 W	31	3906.22	505.63	504.94 N	35.32 W	506.17	356.00	6.40	6.35	0.87	88.85	353.0	4268.43								
51	MWD3	4136.00	64.64	353.68	N 6.32 W	32	3920.41	534.32	533.42 N	38.69 W	534.82	355.85	6.39	5.94	2.63	89.03	353.0	4239.75								
52	MWD3	4168.00	66.93	353.58	N 6.42 W	32	3933.53	563.50	562.42 N	41.93 W	563.98	355.74	7.16	7.16	-0.31	89.20	353.0	4210.57								
53	MWD3	4199.00	69.22	353.15	N 6.85 W	31	3945.10	592.25	590.99 N	45.25 W	592.72	355.62	7.50	7.39	-1.39	89.36	353.0	4181.81								
54	MWD3	4231.00	71.73	353.55	N 6.45 W	32	3955.80	622.41	620.94 N	48.74 W	622.85	355.51	7.93	7.84	1.25	89.50	353.0	4151.65								
55	MWD3	4262.00	75.59	353.67	N 6.33 W	31	3964.52	652.15	650.50 N	52.05 W	652.58	355.43	12.46	12.45	0.39	89.62	353.0	4121.91								
56	MWD3	4293.00	78.43	353.39	N 6.61 W	31	3971.49	682.36	680.51 N	55.45 W	682.77	355.34	9.20	9.16	-0.90	89.71	353.0	4091.71								
57	MWD3	4325.00	81.55	352.95	N 7.05 W	32	3977.05	713.87	711.79 N	59.20 W	714.25	355.25	9.84	9.75	-1.37	89.79	353.0	4060.20								
58	MWD4	4356.00	83.83	352.16	N 7.84 W	31	3980.99	744.61	742.28 N	63.19 W	744.97	355.13	7.78	7.35	-2.55	89.84	353.0	4029.46								
59	MWD4	4388.00	86.03	351.66	N 8.34 W	32	3983.82	776.47	773.84 N	67.67 W	776.79	355.00	7.05	6.88	-1.56	89.88	353.0	3997.59								
60	MWD4	4419.00	88.58	351.43	N 8.57 W	31	3985.28	807.42	804.46 N	72.22 W	807.70	354.87	8.26	8.23	-0.74	89.90	353.0	3966.64								
61	MWD4	4451.00	90.74	351.97	N 8.03 W	32	3985.47	839.40	836.13 N	76.84 W	839.65	354.75	6.96	6.75	1.69	89.90	353.1	3934.65								
62	MWD4	4482.00	91.69	351.80	N 8.20 W	31	3984.81	870.38	866.81 N	81.22 W	870.60	354.65	3.11	3.06	-0.55	89.89	353.1	3903.66								
63	MWD4	4513.00	92.43	352.72	N 7.28 W	31	3983.70	901.36	897.51 N	85.39 W	901.56	354.57	3.81	2.39	2.97	89.88	353.1	3872.69								
64	MWD4	4545.00	91.20	351.85	N 8.15 W	32	3982.68	933.34	929.20 N	89.68 W	933.52	354.49	4.71	-3.84	-2.72	89.86	353.1	3840.71								
65	MWD4	4576.00	91.32	351.93	N 8.07 W	31	3982.00	964.32	959.88 N	94.06 W	964.48	354.40	0.47	0.39	0.26	89.85	353.1	3809.72								
66	MWD4	4607.00	91.36	351.65	N 8.35 W	31	3981.28	995.30	990.55 N	98.48 W	995.44	354.32	0.91	0.13	-0.90	89.84	353.1	3778.74								
67	MWD4	4639.00	90.65	350.60	N 9.40 W	32	3980.71	1027.27	1022.17 N	103.42 W	1027.38	354.22	3.96	-2.22	-3.28	89.83	353.1	3746.76								
68	MWD6	4707.00	91.48	350.14	N 9.86 W	68	3979.45	1095.16	1089.20 N	114.79 W	1095.23	353.98	1.40	1.22	-0.68	89.80	353.2	3678.86								
69	MWD6	4739.00	91.69	350.09	N 9.91 W	32	3978.57	1127.10	1120.71 N	120.28 W	1127.15	353.87	0.67	0.66	-0.16	89.79	353.2	3646.91								
70	MWD6	4770.00	91.36	350.36	N 9.64 W	31	3977.74	1158.04	1151.25 N	125.54 W	1158.07	353.78	1.38	-1.06	0.87	89.77	353.2	3615.97								
71	MWD6	4801.00	91.11	350.97	N 9.03 W	31	3977.07	1189.00	1181.83 N	130.57 W	1189.02	353.70	2.13	-0.81	1.97	89.76	353.2	3585.01								
72	MWD6	4865.00	89.32	350.27	N 9.73 W	64	3976.83	1252.92	1244.97 N	141.00 W	1252.93	353.54	3.00	-2.80	-1.09	89.75	353.3	3521.08								
73	MWD6	4896.00	88.03	350.23	N 9.77 W	31	3977.55	1283.87	1275.51 N	146.25 W	1283.87	353.46	4.16	-4.16	-0.13	89.76	353.3	3490.13								
74	MWD6	4958.00	89.26	351.09	N 8.91 W	62	3979.01	1345.78	1336.67 N	156.31 W	1345.78	353.33	2.42	1.98	1.39	89.78	353.4	3428.22								
75	MWD6	5021.00	91.69	350.81	N 9.19 W	63	3978.49	1408.72	1398.88 N	166.22 W	1408.72	353.22	3.88	3.86	-0.44	89.77	353.4	3365.28								
76	MWD6	5052.00	91.26	350.95	N 9.05 W	31	3977.69	1439.68	1429.48 N	171.13 W	1439.69	353.17	1.46	-1.39	0.45	89.75	353.4	3334.32								
77	MWD6	5083.00	90.95	351.25	N 8.75 W	31	3977.10	1470.65	1460.10 N	175.92 W	1470.66	353.13	1.39	-1.00	0.97	89.74	353.5	3303.35								
78	MWD7	5114.00	89.45	350.84	N 9.16 W	31	3976.99	1501.62	1490.72 N	180.75 W	1501.64	353.09	5.02	-4.84	-1.32	89.74	353.5	3272.38								
79	MWD7	5146.00	88.33	350.44	N 9.56 W	32	3977.61	1533.58	1522.29 N	185.95 W	1533.60	353.04	3.72	-3.50	-1.25	89.74	353.5	3240.43								
80	MWD7	5206.00	87.66	351.73	N 8.27 W	60	3979.71	1593.49	1581.53 N	195.25 W	1593.53	352.96	2.42	-1.12	2.15	89.78	353.6	3180.52								
81	MWD7	5268.00	87.94	352.65	N 7.35 W	62	3982.09	1655.44	1642.91 N	203.66 W	1655.48	352.93	1.55	0.45	1.48	89.82	353.6	3118.59								
82	MWD7	5299.00	87.66	352.76	N 7.24 W	31	3983.28	1686.41	1673.63 N	207.60 W	1686.46	352.93	0.97	-0.90	0.35	89.84	353.6	3087.61								
83	MWD7	5330.00	88.09	353.65	N 6.35 W	31	3984.43	1717.39	1704.39 N	211.26 W	1717.44	352.93	3.19	1.39	2.87	89.86	353.6	3056.64								



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 Magnetic Decl: **5.86 E**
 Grid Corr: **1.13 W**
 Total Survey Corr: **6.99**
 Date Printed: **14-Dec-12**

Proposed Azimuth: **353.36**
 Target Inclination: **90.00**
 TVD: **3986.00**
 BRN From Survey: **0.72**
 BRN From Bit: **0.42**

PBHL
 TVD **3992.05**
 VS **4774.00**
 N/S **4741.94 N**
 E/W **552.33 W**

Projection		45.00	Depth (ft)		7970.00	Incl.			90.89	Azimuth		350.34	TVD		3984.35	VS	4355.19	N/S		4321.88 N	E/W		538.76 W			
No.	Tool Type	Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')	Incl. Needed	Direction Needed	Dist To Target								
84	MWD7	5362.00	88.30	353.96	N 6.04 W	32	3985.44	1749.37	1736.19	N	214.71	W 1749.42	352.95	1.17	0.66	0.97	89.87	353.6	3024.65							
85	MWD7	5393.00	89.26	354.10	N 5.90 W	31	3986.10	1780.36	1767.01	N	217.94	W 1780.40	352.97	3.13	3.10	0.45	89.89	353.6	2993.66							
86	MWD8	5427.00	89.85	354.06	N 5.94 W	34	3986.36	1814.36	1800.83	N	221.44	W 1814.40	352.99	1.74	1.74	-0.12	89.89	353.6	2959.66							
87	MWD8	5490.00	89.57	354.02	N 5.98 W	63	3986.68	1877.35	1863.49	N	227.99	W 1877.39	353.02	0.45	-0.44	-0.06	89.89	353.6	2896.67							
88	MWD8	5552.00	90.09	354.18	N 5.82 W	62	3986.86	1939.35	1925.16	N	234.36	W 1939.37	353.06	0.88	0.84	0.26	89.90	353.6	2834.67							
89	MWD8	5615.00	90.31	354.11	N 5.89 W	63	3986.64	2002.34	1987.83	N	240.79	W 2002.36	353.09	0.37	0.35	-0.11	89.89	353.5	2771.67							
90	MWD8	5647.00	89.94	353.66	N 6.34 W	32	3986.57	2034.34	2019.65	N	244.19	W 2034.36	353.11	1.82	-1.16	-1.41	89.89	353.5	2739.67							
91	MWD8	5679.00	89.85	353.83	N 6.17 W	32	3986.63	2066.34	2051.46	N	247.68	W 2066.36	353.12	0.60	-0.28	0.53	89.89	353.5	2707.67							
92	MWD8	5710.00	89.78	353.95	N 6.05 W	31	3986.73	2097.34	2082.28	N	250.98	W 2097.35	353.13	0.45	-0.23	0.39	89.89	353.5	2676.67							
93	MWD8	5742.00	90.28	353.78	N 6.22 W	32	3986.71	2129.34	2114.10	N	254.40	W 2129.35	353.14	1.65	1.56	-0.53	89.88	353.5	2644.67							
94	MWD8	5773.00	90.31	353.76	N 6.24 W	31	3986.55	2160.33	2144.92	N	257.76	W 2160.35	353.15	0.12	0.10	-0.06	89.88	353.5	2613.68							
95	MWD8	5804.00	89.97	353.74	N 6.26 W	31	3986.48	2191.33	2175.73	N	261.14	W 2191.35	353.16	1.10	-1.10	-0.06	89.88	353.5	2582.68							
96	MWD8	5836.00	89.41	354.05	N 5.95 W	32	3986.65	2223.33	2207.55	N	264.54	W 2223.34	353.17	2.00	-1.75	0.97	89.88	353.5	2550.68							
97	MWD8	5867.00	89.38	353.89	N 6.11 W	31	3986.98	2254.33	2238.38	N	267.80	W 2254.34	353.18	0.53	-0.10	-0.52	89.88	353.5	2519.68							
98	MWD8	5899.00	89.35	353.93	N 6.07 W	32	3987.33	2286.32	2270.19	N	271.19	W 2286.34	353.19	0.16	-0.09	0.13	89.89	353.5	2487.68							
99	MWD8	5930.00	90.43	354.54	N 5.46 W	31	3987.39	2317.32	2301.04	N	274.31	W 2317.33	353.20	4.00	3.48	1.97	89.89	353.5	2456.69							
100	MWD9	5962.00	91.02	354.63	N 5.37 W	32	3986.99	2349.31	2332.89	N	277.33	W 2349.32	353.22	1.87	1.84	0.28	89.88	353.5	2424.69							
101	MWD9	5994.00	90.71	354.16	N 5.84 W	32	3986.51	2381.30	2364.73	N	280.45	W 2381.31	353.24	1.76	-0.97	-1.47	89.87	353.5	2392.70							
102	MWD9	6025.00	90.52	354.10	N 5.90 W	31	3986.17	2412.30	2395.57	N	283.62	W 2412.30	353.25	0.64	-0.61	-0.19	89.86	353.5	2361.71							
103	MWD9	6056.00	90.62	354.18	N 5.82 W	31	3985.86	2443.29	2426.41	N	286.79	W 2443.30	353.26	0.41	0.32	0.26	89.85	353.5	2330.71							
104	MWD9	6088.00	90.71	353.75	N 6.25 W	32	3985.49	2475.29	2458.23	N	290.15	W 2475.29	353.27	1.37	0.28	-1.34	89.84	353.5	2298.71							
105	MWD9	6119.00	90.52	353.17	N 6.83 W	31	3985.16	2506.29	2489.02	N	293.68	W 2506.29	353.27	1.97	-0.61	-1.87	89.83	353.5	2267.72							
106	MWD9	6151.00	90.59	353.83	N 6.17 W	32	3984.85	2538.28	2520.82	N	297.30	W 2538.29	353.27	2.07	0.22	2.06	89.82	353.5	2235.72							
107	MWD9	6182.00	90.86	353.28	N 6.72 W	31	3984.46	2569.28	2551.62	N	300.78	W 2569.28	353.28	1.98	0.87	-1.77	89.80	353.4	2204.72							
108	MWD9	6214.00	90.74	353.33	N 6.67 W	32	3984.01	2601.28	2583.40	N	304.51	W 2601.28	353.28	0.41	-0.38	0.16	89.79	353.5	2172.72							
109	MWD9	6246.00	90.80	352.82	N 7.18 W	32	3983.58	2633.28	2615.16	N	308.37	W 2633.28	353.27	1.60	0.19	-1.59	89.77	353.5	2140.73							
110	MWD9	6277.00	90.06	352.77	N 7.23 W	31	3983.35	2664.27	2645.91	N	312.26	W 2664.28	353.27	2.39	-2.39	-0.16	89.76	353.5	2109.73							
111	MWD9	6308.00	90.31	352.66	N 7.34 W	31	3983.25	2695.27	2676.66	N	316.19	W 2695.27	353.26	0.88	0.81	-0.35	89.76	353.5	2078.73							
112	MWD9	6340.00	90.55	352.51	N 7.49 W	32	3983.01	2727.27	2708.39	N	320.32	W 2727.27	353.25	0.88	0.75	-0.47	89.75	353.5	2046.74							
113	MWD9	6371.00	91.33	352.32	N 7.68 W	31	3982.50	2758.26	2739.12	N	324.41	W 2758.26	353.25	2.59	2.52	-0.61	89.73	353.5	2015.75							
114	MWD9	6403.00	91.66	351.88	N 8.12 W	32	3981.66	2790.24	2770.80	N	328.81	W 2790.25	353.23	1.72	1.03	-1.37	89.70	353.5	1983.77							
115	MWD9	6434.00	91.45	351.95	N 8.05 W	31	3980.82	2821.22	2801.49	N	333.17	W 2821.23	353.22	0.71	-0.68	0.23	89.67	353.6	1952.79							
116	MWD9	6465.00	92.10	352.64	N 7.36 W	31	3979.86	2852.20	2832.19	N	337.32	W 2852.21	353.21	3.06	2.10	2.23	89.64	353.6	1921.82							
117	MWD9	6497.00	91.76	352.89	N 7.11 W	32	3978.79	2884.18	2863.92	N	341.35	W 2884.19	353.20	1.32	-1.06	0.78	89.60	353.6	1889.84							
118	MWD9	6528.00	91.45	353.88	N 6.12 W	31	3977.92	2915.16	2894.70	N	344.92	W 2915.18	353.20	3.35	-1.00	3.19	89.56	353.6	1858.85							
119	MWD9	6560.00	91.57	354.14	N 5.86 W	32	3977.07	2947.15	2926.51	N	348.26	W 2947.16	353.21	0.89	0.37	0.81	89.53	353.6	1826.86							
120	MWD9	6592.00	90.00	353.78	N 6.22 W	32	3976.64	2979.15	2958.33	N	351.62	W 2979.15	353.22	5.03	-4.91	-1.13	89.51	353.6	1794.87							
121	MWD9	6623.00	87.75	354.84	N 5.16 W	31	3977.24	3010.13	2989.17	N	354.70	W 3010.14	353.23	8.02	-7.26	3.42	89.52	353.6	1763.88							
122	MWD9	6654.00	87.63	354.95	N 5.05 W	31	3978.49	3041.10	3020.02	N	357.45	W 3041.10	353.25	0.52	-0.39	0.35	89.55	353.5	1732.91							
123	MWD9	6686.00	87.54	354.26	N 5.74 W	32	3979.84	3073.06	3051.85	N	360.46	W 3073.06	353.26	2.17	-0.28	-2.16	89.59	353.5	1700.94							
124	MWD9	6718.00	89.51	354.60	N 5.40 W	32	3980.67	3105.04	3083.69	N	363.56	W 3105.05	353.28	6.25	6.16	1.06	89.61	353.5	1668.96							
125	MWD9	6749.00	92.59	355.69	N 4.31 W	31	3980.10	3136.02	3114.57	N	366.19	W 3136.02	353.29	10.54	9.94	3.52	89.58	353.5	1637.98							



Company: **McElvain Energy**
 Field: **Pawnee**
 County: **Trego County, KS**
 Well Name: **Uhrich 20-1H**
 Rig: **Trinidad 215**

Job Number: **4811524**
 Magnetic Decl: **5.86 E**
 Grid Corr: **1.13 W**
 Total Survey Corr: **6.99**
 Date Printed: **14-Dec-12**

Proposed Azimuth: **353.36**
 Target Inclination: **90.00**
 TVD: **3986.00**
 BRN From Survey: **0.72**
 BRN From Bit: **0.42**

PBHL
 TVD **3992.05**
 VS **4774.00**
 N/S **4741.94 N**
 E/W **552.33 W**

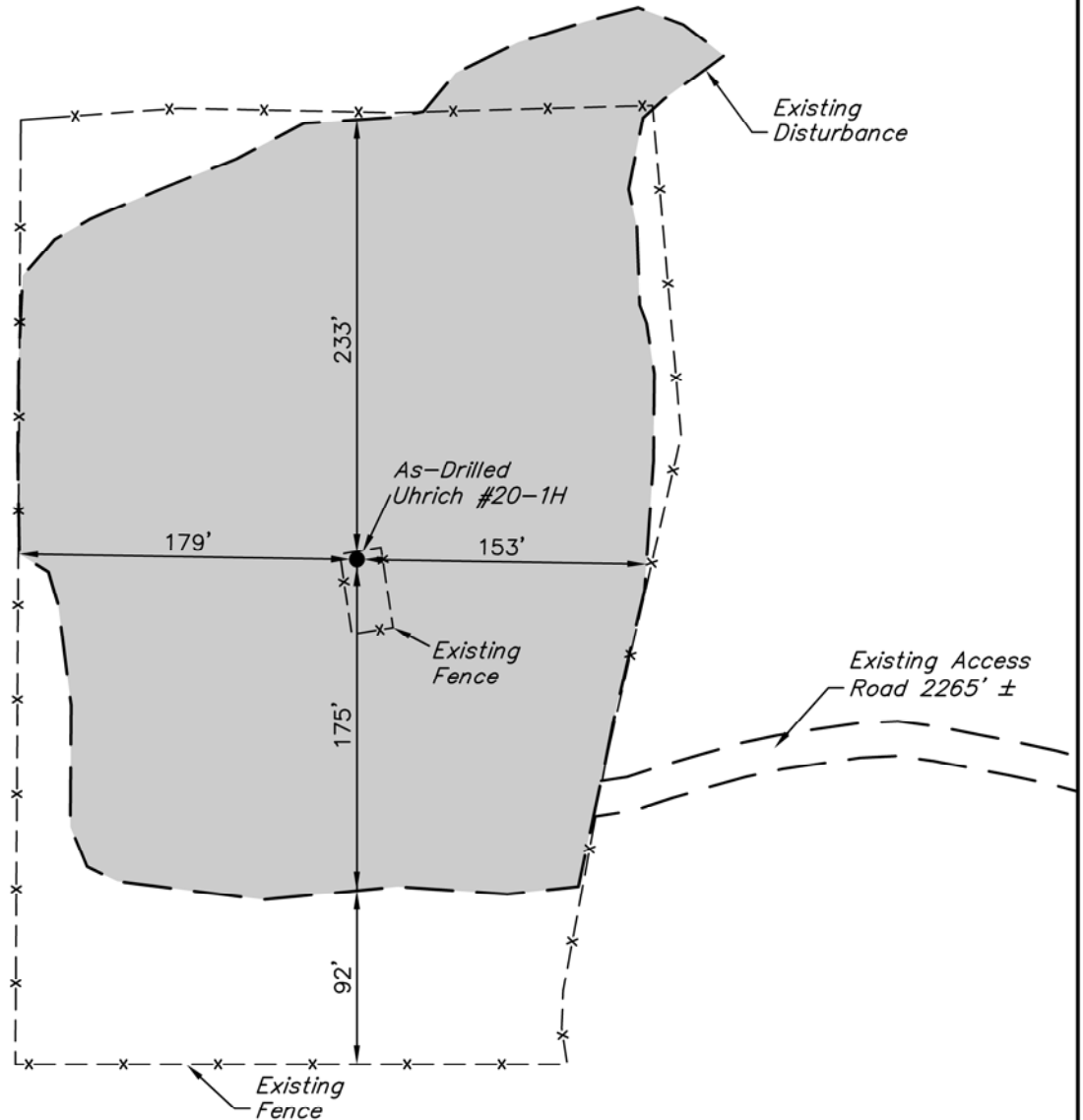
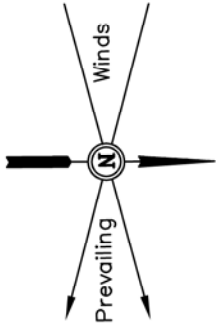
Projection		45.00	Depth (ft)		7970.00	Incl.			90.89	Azimuth		350.34	TVD		3984.35	VS	4355.19	N/S	4321.88 N	E/W	538.76 W
No.	Tool Type	Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates		Closure		DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')	Incl. Needed	Direction Needed	Dist To Target			
							N/S (ft)	E/W (ft)	Dist (ft)	Ang (°)	(°/100')	(°/100')	(°/100')								
126	MWD10	6780.00	93.64	355.66	N 4.34 W	31	3978.41	3166.95	3145.43 N	368.52 W	3166.95	353.32	3.39	3.39	-0.10	89.51	353.4	1607.05			
127	MWD10	6811.00	92.68	355.47	N 4.53 W	31	3976.70	3197.88	3176.29 N	370.91 W	3197.88	353.34	3.16	-3.10	-0.61	89.44	353.4	1576.12			
128	MWD10	6843.00	92.28	355.50	N 4.50 W	32	3975.32	3229.82	3208.16 N	373.43 W	3229.82	353.36	1.25	-1.25	0.09	89.38	353.3	1544.17			
129	MWD10	6874.00	90.09	354.99	N 5.01 W	31	3974.68	3260.80	3239.05 N	376.00 W	3260.80	353.38	7.25	-7.06	-1.65	89.34	353.3	1513.20			
130	MWD10	6905.00	87.47	354.32	N 5.68 W	31	3975.34	3291.78	3269.90 N	378.89 W	3291.78	353.39	8.72	-8.45	-2.16	89.35	353.3	1482.22			
131	MWD10	6937.00	87.78	354.39	N 5.61 W	32	3976.66	3323.75	3301.72 N	382.03 W	3323.75	353.40	0.99	0.97	0.22	89.39	353.3	1450.25			
132	MWD10	6968.00	87.44	354.24	N 5.76 W	31	3977.96	3354.72	3332.54 N	385.10 W	3354.72	353.41	1.20	-1.10	-0.48	89.43	353.2	1419.28			
133	MWD10	7000.00	87.54	353.39	N 6.61 W	32	3979.36	3386.69	3364.32 N	388.54 W	3386.69	353.41	2.67	0.31	-2.66	89.48	353.2	1387.32			
134	MWD10	7031.00	87.50	353.64	N 6.36 W	31	3980.70	3417.66	3395.10 N	392.04 W	3417.66	353.41	0.82	-0.13	0.81	89.52	353.2	1356.35			
135	MWD10	7063.00	86.89	353.69	N 6.31 W	32	3982.27	3449.62	3426.86 N	395.57 W	3449.62	353.42	1.91	-1.91	0.16	89.58	353.2	1324.39			
136	MWD10	7094.00	87.84	353.87	N 6.13 W	31	3983.69	3480.58	3457.65 N	398.92 W	3480.59	353.42	3.12	3.06	0.58	89.63	353.2	1293.42			
137	MWD10	7126.00	89.66	353.85	N 6.15 W	32	3984.39	3512.57	3489.46 N	402.35 W	3512.58	353.42	5.69	5.69	-0.06	89.65	353.2	1261.43			
138	MWD10	7158.00	90.00	353.23	N 6.77 W	32	3984.48	3544.57	3521.25 N	405.95 W	3544.57	353.42	2.21	1.06	-1.94	89.65	353.2	1229.43			
139	MWD10	7189.00	90.12	353.23	N 6.77 W	31	3984.45	3575.57	3552.04 N	409.60 W	3575.57	353.42	0.39	0.39	0.00	89.64	353.2	1198.43			
140	MWD11	7221.00	90.15	352.93	N 7.07 W	32	3984.38	3607.57	3583.80 N	413.46 W	3607.57	353.42	0.94	0.09	-0.94	89.62	353.2	1166.43			
141	MWD11	7252.00	88.49	352.81	N 7.19 W	31	3984.74	3638.57	3614.56 N	417.30 W	3638.57	353.41	5.37	-5.35	-0.39	89.63	353.2	1135.44			
142	MWD11	7283.00	88.18	352.35	N 7.65 W	31	3985.65	3669.55	3645.29 N	421.30 W	3669.55	353.41	1.79	-1.00	-1.48	89.67	353.2	1104.45			
143	MWD11	7315.00	88.00	352.51	N 7.49 W	32	3986.71	3701.53	3676.99 N	425.52 W	3701.53	353.40	0.75	-0.56	0.50	89.71	353.2	1072.47			
144	MWD11	7346.00	87.87	351.55	N 8.45 W	31	3987.83	3732.50	3707.67 N	429.81 W	3732.50	353.39	3.12	-0.42	-3.10	89.77	353.2	1041.50			
145	MWD11	7377.00	88.12	351.89	N 8.11 W	31	3988.91	3763.47	3738.33 N	434.27 W	3763.47	353.37	1.36	0.81	1.10	89.82	353.3	1010.53			
146	MWD11	7409.00	89.23	351.06	N 8.94 W	32	3989.65	3795.44	3769.97 N	439.02 W	3795.44	353.36	4.33	3.47	-2.59	89.86	353.4	978.56			
147	MWD11	7440.00	89.94	351.12	N 8.88 W	31	3989.88	3826.42	3800.59 N	443.82 W	3826.42	353.34	2.30	2.29	0.19	89.87	353.4	947.58			
148	MWD11	7472.00	90.12	350.29	N 9.71 W	32	3989.86	3858.38	3832.17 N	448.99 W	3858.38	353.32	2.65	0.56	-2.59	89.86	353.5	915.62			
149	MWD11	7503.00	90.15	349.61	N 10.39 W	31	3989.79	3889.33	3862.69 N	454.40 W	3889.33	353.29	2.20	0.10	-2.19	89.85	353.6	884.68			
150	MWD11	7535.00	90.09	349.30	N 10.70 W	32	3989.72	3921.25	3894.15 N	460.25 W	3921.26	353.26	0.99	-0.19	-0.97	89.84	353.8	852.77			
151	MWD11	7564.00	90.34	349.16	N 10.84 W	29	3989.61	3950.18	3922.64 N	465.67 W	3950.19	353.23	0.99	0.86	-0.48	89.83	354.0	823.87			
152	MWD11	7596.00	90.49	348.81	N 11.19 W	32	3989.38	3982.08	3954.05 N	471.79 W	3982.10	353.20	1.19	0.47	-1.09	89.81	354.2	791.99			
153	MWD11	7627.00	90.65	348.66	N 11.34 W	31	3989.07	4012.98	3984.45 N	477.84 W	4013.00	353.16	0.71	0.52	-0.48	89.78	354.4	761.14			
154	MWD11	7657.00	90.83	348.14	N 11.86 W	30	3988.68	4042.87	4013.84 N	483.87 W	4042.90	353.13	1.83	0.60	-1.73	89.74	354.6	731.31			
155	MWD11	7689.00	91.02	347.54	N 12.46 W	32	3988.17	4074.71	4045.12 N	490.61 W	4074.76	353.08	1.97	0.59	-1.87	89.68	354.9	699.55			
156	MWD11	7720.00	91.39	348.23	N 11.77 W	31	3987.52	4105.56	4075.42 N	497.12 W	4105.63	353.05	2.53	1.19	2.23	89.61	355.3	668.80			
157	MWD11	7752.00	90.65	349.62	N 10.38 W	32	3986.95	4137.46	4106.82 N	503.26 W	4137.54	353.01	4.92	-2.31	4.34	89.54	355.6	637.02			
158	MWD11	7783.00	90.59	350.62	N 9.38 W	31	3986.61	4168.41	4137.36 N	508.58 W	4168.50	352.99	3.23	-0.19	3.23	89.49	355.9	606.17			
159	MWD11	7814.00	90.18	351.59	N 8.41 W	31	3986.40	4199.39	4167.98 N	513.37 W	4199.48	352.98	3.40	-1.32	3.13	89.44	356.1	575.28			
160	MWD11	7846.00	90.59	351.14	N 8.86 W	32	3986.19	4231.37	4199.62 N	518.18 W	4231.47	352.97	1.90	1.28	-1.41	89.38	356.4	543.40			
161	MWD11	7878.00	90.89	350.34	N 9.66 W	32	3985.77	4263.33	4231.20 N	523.33 W	4263.44	352.95	2.67	0.94	-2.50	89.30	356.8	511.56			
162	PROJ-TD	7925.00	90.89	350.34	N 9.66 W	47	3985.04	4310.26	4277.53 N	531.21 W	4310.38	352.92	0.00	0.00	0.00	89.14	357.4	464.89			

McELVAIN ENERGY, INC.

AS-BUILT SITE PLAN FOR

UHRICH #20-1H
SECTION 20, T11S, R22W, 6th P.M.
193' FSL 1250' FEL

SCALE: 1" = 100'
DATE: 01-21-13
DRAWN BY: J.J.



EXISTING DISTURBANCE = ± 2.931 ACRES
EXISTING FENCED AREA = ± 3.753 ACRES

McELVAIN ENERGY, INC.

AS-BUILT SITE PLAN FOR

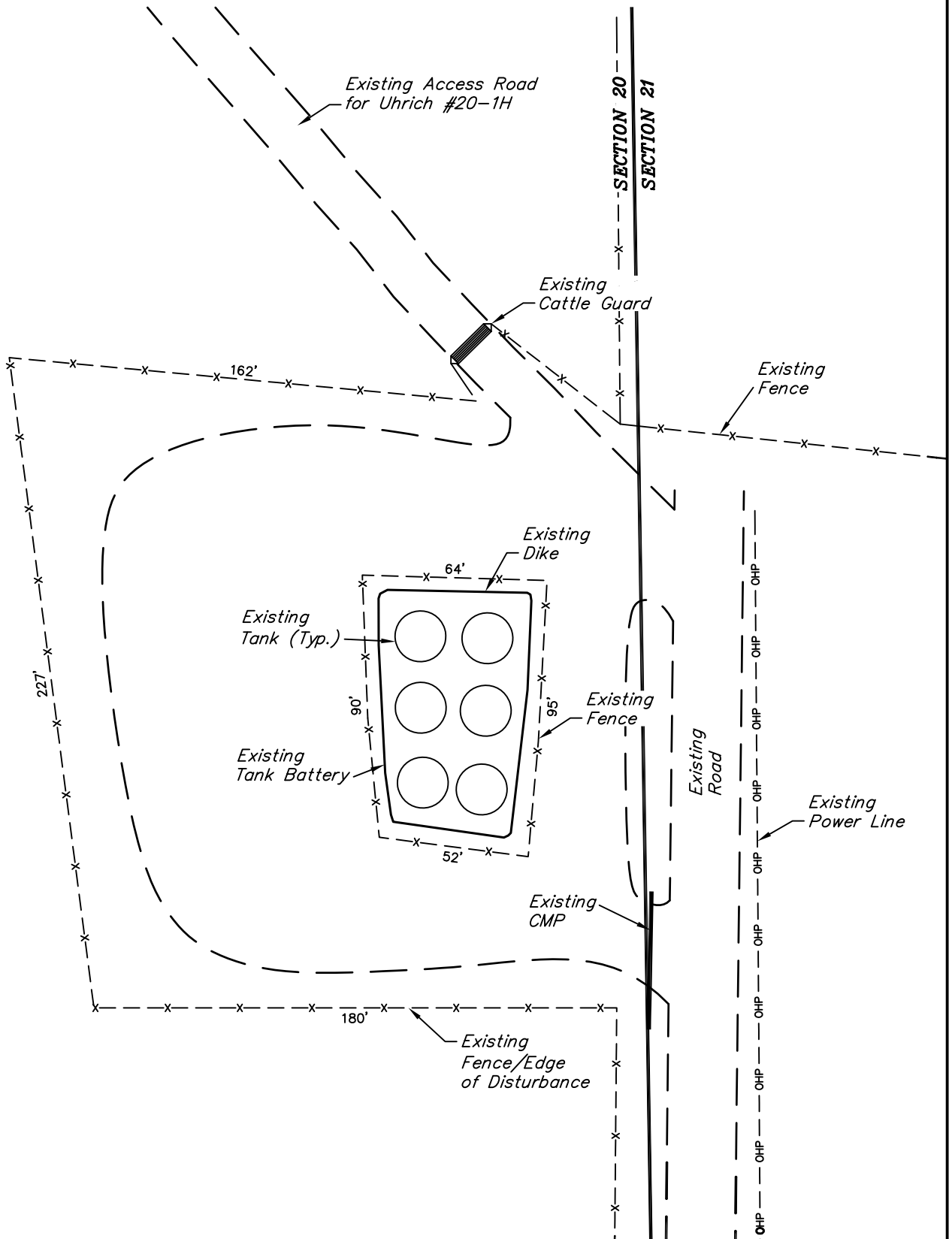
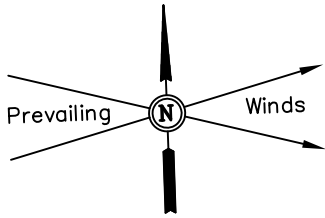
TANK BATTERY

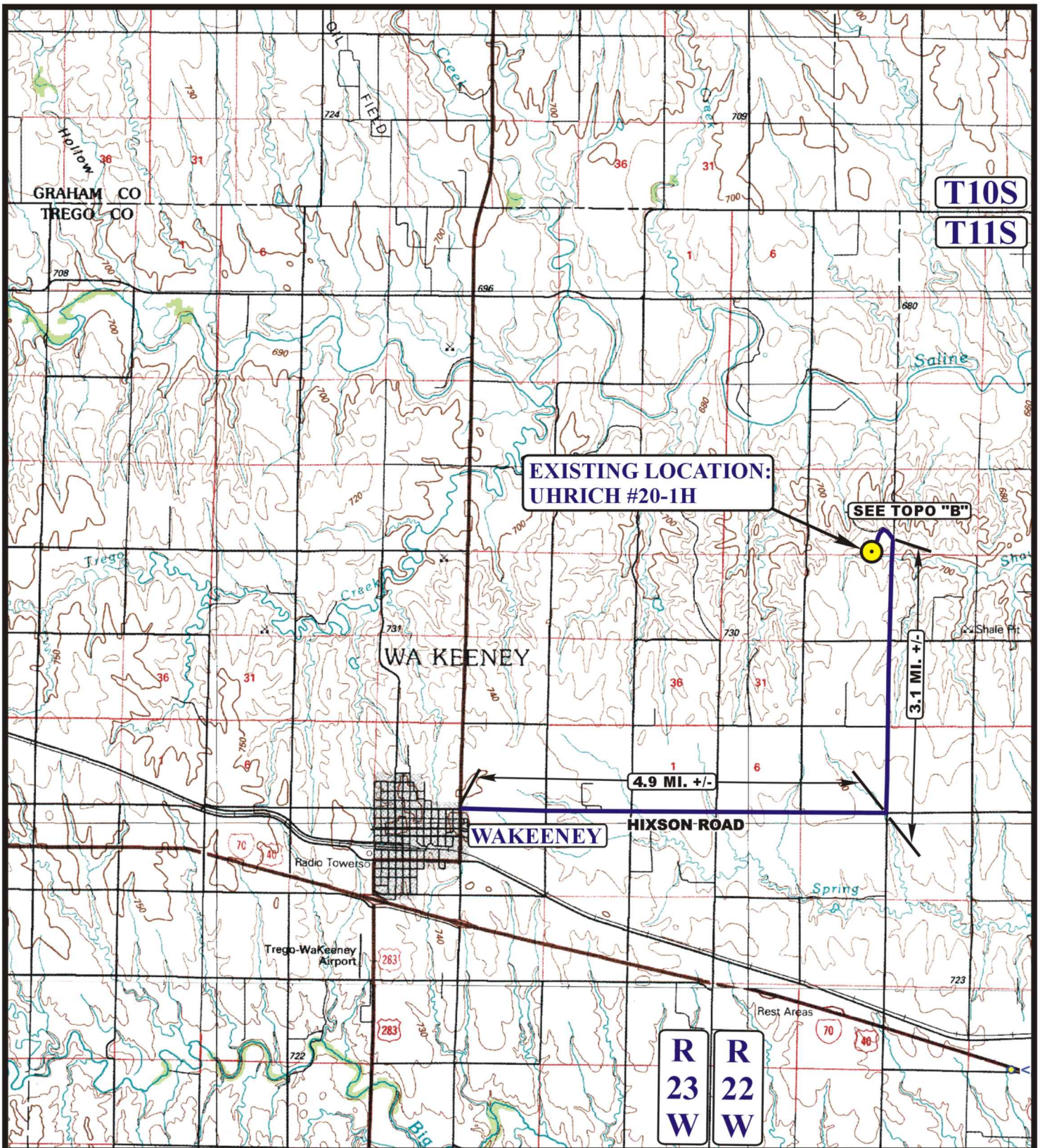
**SECTION 20, T11S, R22W, 6th P.M.
SE 1/4 SE 1/4**

SCALE: 1" = 50'

DATE: 01-21-13

DRAWN BY: J.J.





LEGEND:

 **PROPOSED LOCATION**



McELVAIN ENERGY, INC.

**UHRICH #20-1H
SECTION 20, T11S, R22W, 6th P.M.
193' FSL 1250' FEL**



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**ACCESS ROAD
MAP**

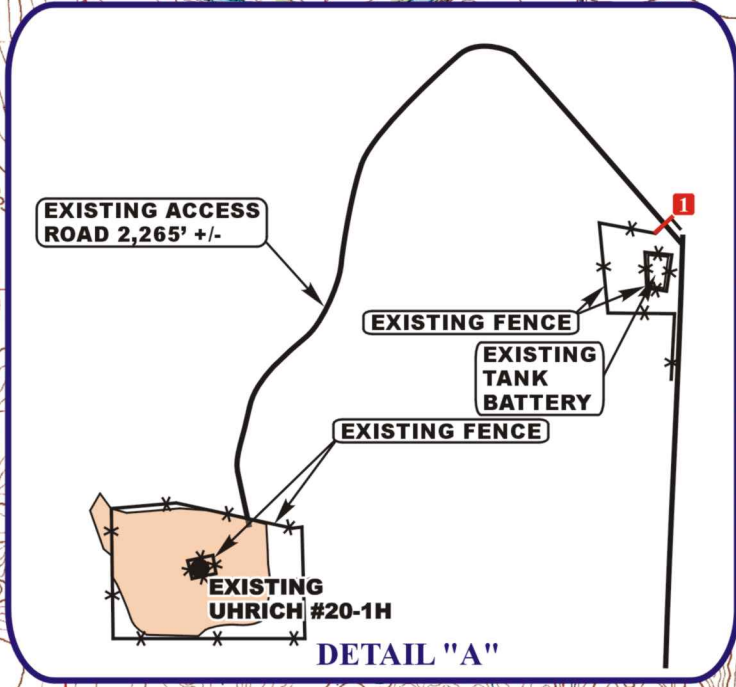
01 15 13
MONTH DAY YEAR



SCALE: 1:100,000 DRAWN BY: C.L. REVISED: 00-00-00

R
23
W

R
22
W



SEE DETAIL "A"

**EXISTING LOCATION:
UHRICH #20-1H**

EXISTING ACCESS ROAD 2,265' +/-

WAKEENEY 8.0 MI. +/-

T11S

LEGEND:

- EXISTING ROAD
- * * * * * EXISTING FENCE
- 1 EXISTING CATTLE GUARD



McELVAIN ENERGY, INC.

**UHRICH #20-1H
SECTION 20, T11S, R22W, 6th P.M.
193' FSL 1250' FEL**



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**ACCESS ROAD
MAP**

01 15 13
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.L. REVISED: 00-00-00

**B
TOPO**

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 22, 2013

Jim McKinney
McElvain Energy, Inc.
1050 17TH ST STE 2500
DENVER, CO 80265-2080

Re: ACO1
API 15-195-22797-01-00
Uhrich 20 #1H
SE/4 Sec.20-11S-22W
Trego County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Jim McKinney

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 23, 2013

Jim McKinney
McElvain Energy, Inc.
1050 17TH ST STE 2500
DENVER, CO 80265-2080

Re: ACO-1
API 15-195-22797-01-00
Uhrich 20 #1H
SE/4 Sec.20-11S-22W
Trego County, Kansas

Dear Jim McKinney:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 08/06/2012 and the ACO-1 was received on January 22, 2013 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department