



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1114826
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: _____



1114826

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: 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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	McElvain Energy, Inc.
Well Name	Bliss 35 #1H
Doc ID	1114826

Tops

Name	Top	Datum
Entrada	971	1328
Cedar Hills	1221	1078
Stone Corral	1724	575
Base Stone Corral	1777	522
Wellington	2101	198
Hutchison Salt	2192	107
Base Wellington	2223	77
Chase	2487	-188
Council Grove	2696	-397
Admire	2912	-613
Waubunsee	3187	-888
Topeka	3363	-1064
Heebner	3582	-1283
Lansing	3655	-1356
Base Kansas City	3855	-1556
Marmaton	3877	-1578
Pawnee	3913	-1614

ALLIED OIL & GAS SERVICES, LLC 060379

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Arcot Blvd, TX

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
3-12-13	35	11	21	2:30 PM	4:30 PM	8:30 PM	9:30 PM
LEASE	WELL #	LOCATION			COUNTY	STATE	
Bliss	35-111	E. 70 + Ryan East, S 4 N			Tarrant	TX	
OLD OR NEW (Circle one)							
<u>NEW</u>				<u>1/4 Sect to hole.</u>			

CONTRACTOR <u>H.W.D. Dady</u>		OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>		
HOLE SIZE <u>13 3/8"</u>	T.D. <u>325'</u>	CEMENT
CASING SIZE <u>9 5/8"</u>	DEPTH <u>318'</u>	AMOUNT ORDERED <u>250 lbs class A</u>
TUBING SIZE	DEPTH	<u>320cc, 4 1/2" floored</u>
DRILL PIPE	DEPTH	
TOOL	DEPTH	
PRES. MAX <u>200#</u>	MINIMUM <u>300 #</u>	COMMON <u>250 @ 17.90</u> <u>4,475.00</u>
MEAS. LINE	SHOE JOINT <u>43'</u>	POZMIX @
CEMENT LEFT IN CSG <u>1/3'</u>		GEL @
PERFS.		CHLORIDE <u>9 @ 64.00</u> <u>576.00</u>
DISPLACEMENT <u>22.7 lbs</u>		ASC @
EQUIPMENT		<u>floer</u> <u>63 @ 2.97</u> <u>187.11</u>

PUMP TRUCK CEMENTER <u>Tom Dickson</u>		
# <u>6012</u> HELPER <u>Kevin Eddy Kellyson</u>		
BULK TRUCK		
# <u>599</u> DRIVER <u>Tom Dickson</u>		
BULK TRUCK		
#	DRIVER	
HANDLING <u>266.7 @ 2.48</u> <u>661.41</u>		
MILEAGE <u>12.13 X 35 X</u> <u>2.60</u> <u>1,184.19</u>		
TOTAL <u>7,003.21</u>		

REMARKS:
Ran 318' of 9 5/8 cas. Analysis
was tested line test/cont. used
2 1/2 gal class A 320cc 4 1/2" floored
Released plug. Displaced with H₂O
handles plug set 200# pressure
and bleed bleed cement did
circulate. 6 lbs to per.
225 SX

SERVICE		
DEPTH OF JOB <u>318'</u>		
PUMP TRUCK CHARGE <u>1512.25</u>		
EXTRA FOOTAGE @		
MILEAGE <u>Hvm 35 @ 7.70</u> <u>269.50</u>		
MANIFOLD <u>Hard Rent @ 275.00</u> <u>275.00</u>		
<u>High connection @ 577.50</u> <u>577.50</u>		
<u>Hvm 35 @ 4.40</u> <u>154.00</u>		
TOTAL <u>2,788.25</u>		

CHARGE TO: McElvain Energy
STREET _____
CITY _____ STATE _____ ZIP _____
paid 1,200 on 8/22
Frank

PLUG & FLOAT EQUIPMENT		
<u>9 5/8 Smoothbore mud seal</u> <u>518.31</u>		
<u>9 5/8 API cement</u> <u>@ 534.69</u> <u>534.69</u>		
<u>5-cementizers</u> <u>@ 87.75</u> <u>438.75</u>		
<u>9 5/8 Rubber Plug</u> <u>@ 184.96</u> <u>184.96</u>		
<u>4 1/2" Bender Thread loc 1</u> <u>@ 83.07</u> <u>332.28</u>		
TOTAL <u>2,008.89</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.

PRINTED NAME X Randy L. Patterson
SIGNATURE [Signature]

SALES TAX (If Any) _____
TOTAL CHARGES <u>11,800.85</u>
DISCOUNT <u>4,130.59</u> IF PAID IN 30 DAYS
<u>7,670.26</u>

ALLIED OIL & GAS SERVICES, LLC 060383

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Havert Road #1

DATE <u>3-22-13</u>	SEC. <u>35</u>	TWP. <u>11</u>	RANGE <u>21 W</u>	CALLED OUT <u>10:00 AM</u>	ON LOCATION <u>3-26-13</u> <u>4:00 PM</u>	JOB START <u>12:45 PM</u>	JOB FINISH <u>2:10 PM</u>
LEASE <u>Bliss</u>	WELL # <u>35-1H</u>	LOCATION <u>I-70 & Riga Exit - S 1/4 North</u>			COUNTY <u>Texas</u>	STATE <u>TX</u>	
OLD OR (NEW) (Circle one)			<u>1/4 East</u>				

CONTRACTOR HWD Drilling #5
 TYPE OF JOB Production Bottom Stage
 HOLE SIZE 8 3/4" T.D. 4620'
 CASING SIZE 7" DEPTH 4612'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 1400 # MINIMUM 900 #
 MEAS. LINE _____ SHOE JOINT 90.28'
 CEMENT LEFT IN CSG. 90.28'
 PERFS. _____
 DISPLACEMENT 90 H₂O → 83.1 mud

OWNER Same
 CEMENT
 AMOUNT ORDERED 3000# AMDA 28.50#
270# Agassol, 270# Sodium Metasilicate
420# H₂O, 710# 17# H-160, .19 Deformers, 3#
Gilbrontex in cell.

COMMON _____	@ _____	_____
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE _____	@ _____	_____
ASC _____	@ _____	_____
AMDA <u>3000</u>	@ <u>25.90</u>	<u>7770.00</u>
FL-160 <u>85 #</u>	@ <u>19.90</u>	<u>1696.50</u>
Deformers <u>42 #</u>	@ <u>9.90</u>	<u>411.60</u>
Gilbrontex <u>900 #</u>	@ <u>.98</u>	<u>882.00</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING <u>487</u>	@ <u>2.48</u>	<u>1202.76</u>
MILEAGE <u>80 # x 2.60</u>		<u>2100.80</u>
TOTAL		<u>13,928.66</u>

EQUIPMENT
 PUMP TRUCK CEMENTER Tom Miller Det #12
 # 601e HELPER Kevin Eddy
 BULK TRUCK _____
 # 519 DRIVER Dan Cooper
 BULK TRUCK _____
 # _____ DRIVER Joel Monahan

REMARKS:

Ran 4612' of 7" csg. Break circulation
Pumped 10 bbls H₂O 25# AMDA Seawater @ 12"
275# AMDA @ 14", Wash Line Clean
Released Plug. Displaced with 90 bbls
H₂O = 83.1 bbls mud. Landed Plug at
1400 #. Released & float held. Merged
Bomb to open stage collar.

Pressure tested line 3500 # before
starting job

CHARGE TO: McElvain Energy
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>4612'</u>		
PUMP TRUCK CHARGE _____		<u>2765.75</u>
EXTRA FOOTAGE _____	@ _____	_____
MILEAGE <u>25</u>	@ <u>7.70</u>	<u>192.50</u>
MANIFOLD _____	@ _____	_____
Head Rental _____	@ <u>275.00</u>	<u>275.00</u>
MILK _____	@ _____	_____
Waiting Time - 13 hr.	U/C <u>400.00</u>	U/C _____
Extra waiting 6 hr.	U/C _____	U/C _____
Additional Run 19, 400 ^{cc}	TOTAL <u>4000.00</u>	
Total)		<u>2233.25</u>

PLUG & FLOAT EQUIPMENT

Sure seal float shoe _____	@ <u>212.53</u>	<u>712.53</u>
Sure seal float collar _____	@ <u>886.86</u>	<u>886.86</u>
Stage Collar _____	@ <u>6502.50</u>	<u>6502.50</u>
2 - Baskets _____	@ <u>462.15</u>	<u>924.30</u>
8 - Centralizers _____	@ <u>65.52</u>	<u>524.16</u>
2 - Conn. Thread Loc.		
TOTAL		<u>9,550.35</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.

PRINTED NAME X Kevin Parker
 SIGNATURE X Kevin Parker

SALES TAX (if Any) _____
 TOTAL CHARGES 30,762.36
 DISCOUNT 19,995.47 IF PAID IN 30 DAYS
19,995.47

ALLIED OIL & GAS SERVICES, LLC 060384

Federal Tax I.D. # 20-3651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Forest Bend K

DATE <u>3-22-13</u>	SEC. <u>35</u>	TWP. <u>11</u>	RANGE <u>21 W</u>	CALLED OUT _____	ON LOCATION _____	JOB START <u>6:00 PM</u>	JOB FINISH <u>7:30 PM</u>
LEASE <u>Blin</u>	WELL # <u>35-1H</u>	LOCATION <u>I-70 & Rye Exit S 1/4 block</u>			COUNTY <u>Wago</u>	STATE <u>Ky</u>	
OLD OR NEW (Circle one)			<u>1 1/4 East to Loc.</u>				

CONTRACTOR <u>HWD July #5</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Production</u>	CEMENT
HOLE SIZE <u>8 3/4"</u>	AMOUNT ORDERED <u>350 lbs 69/35, 69/20</u>
CASING SIZE <u>7"</u>	<u>22 cc, 1/4 # floored per Seal.</u>
TUBING SIZE _____	DEPTH _____
DRILL PIPE _____	DEPTH _____
TOOL <u>Stage Callon</u>	DEPTH <u>2308'</u>
PRES. MAX <u>1400 #</u>	MINIMUM <u>900 #</u>
MEAS. LINE _____	SHOE JOINT _____
CEMENT LEFT IN CSG. _____	
PERFS. _____	
DISPLACEMENT <u>83.1 H₂O</u>	

EQUIPMENT

Trinick

PUMP TRUCK # <u>606</u>	CEMENTER <u>Paul Helgen</u>
BULK TRUCK # <u>1010-241</u>	HELPER <u>Kevin Eddy</u>
BULK TRUCK # _____	DRIVER <u>Joel Monahan</u>
BULK TRUCK # _____	DRIVER <u>Don Cooper</u>

REMARKS:

Hooked to cry. Permitted to # and opened Stage Callon. Circulated 4 hours. Pumped 10 bbls H₂O. Mixed 350 lbs 69/35, 69/20 & 22 cc 1/4 # floored. Warded line clean. Released plug. Deployed with H₂O. Landed plug at #. Closed Stage Callon.

CHARGE TO: McElvain Energy

STREET _____

CITY _____ STATE _____ ZIP _____

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.

PRINTED NAME Kevin Parker

SIGNATURE [Signature]

COMMON _____	@ _____	_____
POZMIX _____	@ _____	_____
GEL _____	@ _____	_____
CHLORIDE <u>8</u>	@ <u>6.400</u>	<u>512.00</u>
ASC _____	@ _____	_____
<u>Misc RA 350</u>	@ <u>16.50</u>	<u>5775.00</u>
<u>Floored 87 #</u>	@ <u>2.77</u>	<u>258.39</u>
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
HANDLING _____	@ _____	_____
MILEAGE _____	@ _____	_____

TOTAL 6545.39

SERVICE

DEPTH OF JOB <u>2308'</u>	_____
PUMP TRUCK CHARGE _____	<u>2406.25</u>
EXTRA FOOTAGE _____	@ _____
MILEAGE _____	@ _____
MANIFOLD _____	@ _____
_____	@ _____
_____	@ _____

TOTAL 2406.25

PLUG & FLOAT EQUIPMENT

_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____
_____	@ _____	_____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES 5818.57

DISCOUNT 3133.07 IF PAID IN 30 DAYS

5818.57



Company: **McElvain Energy**
 Field: **Mississippi**
 County: **Trego County, KS**
 Well Name: **Bliss 35-1H**
 Rig: **HWD #5**

Job Number: **5311858**
 Magnetic Decl: **5.66 E**
 Grid Corr: **1.03 W**
 Total Survey Corr: **6.69**
 Date Printed: **2-Jul-13**

Proposed Azimuth: **0.64**
 Target Inclination: **90.32**
 TVD: **3885.00**
 BRN From Survey: **-0.14**
 BRN From Bit: **-0.15**

Projection	43.00	Depth (ft)	8109.00	Incl.	91.69	Azimuth	358.23	TVD	3900.79	VS	4622.38	N/S	4622.62	N	E/W	3.95	E
No.	Tool Type	Depth (ft)	Incl (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	N/S (ft)	Coordinates EW (ft)	Closure Dist (ft)	Ang (°)	DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')			
0	SURF	0.00	0.00	0.00	W	0.00	0.00	0.00	N	0.00	E	0.00	0.00	0.00	0.00	0.00	0.00
1	TIE-ON	13.00	0.00	58.09	W	13.00	0.00	0.00	N	0.00	E	0.00	0.00	0.00	0.00	0.00	0.00
2	GYRO	320.00	0.09	58.09	W	320.00	-0.13	0.13	S	0.20	W	238.09	0.03	0.03	0.03	0.00	0.00
3	GYRO	414.00	0.09	48.14	E	414.00	-0.22	0.22	S	0.21	W	224.55	0.15	0.00	0.00	-113.01	-13.87
4	GYRO	509.00	0.20	61.32	E	509.00	-0.35	0.35	S	0.01	W	181.88	0.12	0.12	0.12	1.99	-11.54
5	GYRO	604.00	0.30	59.43	E	604.00	-0.55	0.55	S	0.35	E	147.71	0.11	0.11	0.11	0.10	8.66
6	GYRO	700.00	0.40	70.51	E	700.00	-0.78	0.79	S	0.88	E	131.93	0.13	0.13	0.13	0.00	0.00
7	GYRO	795.00	0.40	62.28	E	794.99	-1.04	1.06	S	1.49	E	125.38	0.06	0.06	0.06	0.32	-17.89
8	GYRO	890.00	0.70	79.28	E	889.99	-1.29	1.32	S	2.35	E	119.28	0.36	0.36	0.36	0.51	-31.34
9	GYRO	969.00	1.10	75.96	E	968.98	-1.18	1.22	S	3.56	E	108.97	0.70	0.70	0.70	0.00	-1.26
10	GYRO	1064.00	1.00	76.87	E	1063.96	-0.76	0.81	S	5.25	E	98.81	0.11	0.11	0.11	0.23	-7.60
11	GYRO	1159.00	1.00	75.67	E	1158.95	-0.34	0.42	S	6.86	E	83.67	0.27	0.27	0.27	0.13	4.11
12	GYRO	1239.00	0.88	57.99	E	1238.94	0.17	0.08	N	8.06	E	78.98	0.19	0.19	0.19	0.11	5.27
13	GYRO	1334.00	1.10	50.77	E	1333.92	1.15	1.04	N	9.38	E	75.81	0.15	0.15	0.15	0.11	-4.00
14	GYRO	1429.00	1.00	54.67	E	1428.91	2.22	2.10	N	10.77	E	72.54	0.06	0.06	0.06	0.08	5.14
15	GYRO	1509.00	1.10	48.36	E	1508.90	3.14	3.01	N	11.91	E	65.78	0.15	0.15	0.15	0.11	4.42
16	GYRO	1604.00	1.20	53.37	E	1603.88	4.36	4.21	N	13.39	E	64.60	0.22	0.22	0.22	0.23	-1.58
17	GYRO	1699.00	1.30	49.57	E	1698.85	5.67	5.50	N	15.01	E	62.96	0.21	0.21	0.21	0.21	1.89
18	GYRO	1779.00	1.32	47.79	E	1778.83	6.89	6.71	N	16.38	E	62.86	0.47	0.47	0.47	0.41	9.25
19	GYRO	1874.00	1.40	52.67	E	1873.81	8.35	8.15	N	18.12	E	63.42	0.35	0.35	0.35	0.13	11.48
20	GYRO	1969.00	1.50	56.87	E	1968.78	9.76	9.53	N	20.08	E	64.14	0.17	0.17	0.17	-0.11	-4.42
21	GYRO	2051.00	1.32	57.37	E	2050.75	10.87	10.63	N	21.77	E	64.53	0.03	0.03	0.03	0.35	0.35
22	GYRO	2146.00	1.10	55.87	E	2145.73	11.99	11.73	N	23.45	E	65.22	0.26	0.26	0.26	0.14	7.59
23	GYRO	2241.00	1.30	57.67	E	2240.71	13.10	12.82	N	25.12	E	66.26	0.19	0.19	0.19	0.00	6.53
24	GYRO	2309.00	1.58	63.96	E	2308.69	13.94	13.64	N	26.61	E	67.33	0.14	0.14	0.14	-0.14	-0.09
25	GYRO	2404.00	1.70	74.87	E	2403.65	14.91	14.59	N	29.15	E	68.21	0.03	0.03	0.03	0.00	-1.16
26	GYRO	2499.00	1.60	70.67	E	2498.61	15.75	15.39	N	31.76	E	68.33	0.22	0.22	0.22	-0.21	2.00
27	GYRO	2578.00	1.58	70.95	E	2577.58	16.49	16.11	N	33.83	E	68.17	2.75	2.75	2.75	0.93	-86.57
28	GYRO	2673.00	1.71	78.16	E	2672.54	17.24	16.83	N	36.45	E	67.11	7.75	7.75	7.75	6.90	-72.30
29	GYRO	2768.00	1.71	84.36	E	2767.50	17.70	17.26	N	39.25	E	64.87	9.35	9.35	9.35	9.17	-20.03
30	GYRO	2863.00	1.58	84.27	E	2862.46	18.00	17.53	N	41.97	E	61.73	6.76	6.76	6.76	6.70	-6.90
31	GYRO	2958.00	1.58	83.17	E	2957.42	18.31	17.82	N	44.57	E	58.08	7.06	7.06	7.06	6.93	-7.87
32	MWD	2972.00	1.55	83.45	E	2971.42	18.36	17.86	N	44.95	E	53.93	7.81	7.81	7.81	6.47	-21.43
33	MWD	3016.00	1.96	45.36	E	3015.40	18.97	18.46	N	46.08	E	48.37	0.21	0.21	0.21	0.00	0.00
34	MWD	3046.00	4.03	23.67	E	3045.36	20.31	19.78	N	46.86	E	48.37	0.21	0.21	0.21	0.00	0.00
35	MWD	3076.00	6.78	17.66	E	3075.22	22.97	22.44	N	47.83	E	48.37	0.21	0.21	0.21	0.00	0.00
36	MWD	3106.00	8.79	15.59	E	3104.94	26.88	26.33	N	48.98	E	48.37	0.21	0.21	0.21	0.00	0.00
37	MWD	3136.00	10.87	13.23	E	3134.50	31.86	31.30	N	50.24	E	48.37	0.21	0.21	0.21	0.00	0.00
38	MWD	3166.00	12.81	6.80	E	3163.86	37.92	37.35	N	51.28	E	48.37	0.21	0.21	0.21	0.00	0.00



Company: **McElvain Energy**
 Field: **Mississippi**
 County: **Trego County, KS**
 Well Name: **Bliss 35-1H**
 Rig: **HWD #5**

Job Number: **5311858**
 Magnetic Decl: **5.66 E**
 Grid Corr: **1.03 W**
 Total Survey Corr: **6.69**
 Date Printed: **2-Jul-13**

Proposed Azimuth: **0.64**
 Target Inclination: **90.32**
 TVD: **3885.00**
 BRN From Survey: **-0.14**
 BRN From Bit: **-0.15**

Projection	43.00	Depth (ft)	8109.00	Incl.	91.69	Azimuth	358.23	VS	3900.79	VS	4622.38	N/S	4622.62	N	E/W	3.95	E
Tool Type	Depth (ft)	Incl (°)	Azimuth (°)	Quadrant	Course Lgth(ft)	TVD (ft)	VS (ft)	Coordinates	N/S (ft)	E/W (ft)	Dist (ft)	Ang (°)	DLS (°/100')	Bid Rate (°/100')	Wlk Rate (°/100')		
MWD	3196.00	15.17	1.19	N 1.19 E	30	3192.97	45.16	44.58 N	51.76 E	68.31	49.26	9.06	7.87	-18.70			
MWD	3241.00	18.22	357.62	N 2.38 W	45	3236.07	58.07	57.50 N	51.59 E	77.25	41.90	7.15	6.78	-7.93			
MWD	3286.00	21.12	358.34	N 1.66 W	45	3278.44	73.20	72.64 N	51.06 E	88.79	35.11	6.47	6.44	1.60			
MWD	3331.00	24.11	359.73	N 0.27 W	45	3319.97	90.50	89.93 N	50.78 E	103.28	29.45	6.75	6.64	3.09			
MWD	3376.00	26.92	1.35	N 1.35 E	45	3360.58	109.88	109.31 N	50.98 E	120.62	25.00	6.43	6.24	3.60			
MWD	3421.00	30.06	1.87	N 1.87 E	45	3400.13	131.34	130.77 N	51.59 E	140.58	21.53	7.00	6.98	1.16			
MWD	3466.00	33.29	0.70	N 0.70 E	45	3438.42	154.96	154.39 N	52.11 E	162.94	18.65	7.31	7.18	-2.60			
MWD	3511.00	36.57	359.33	N 0.67 W	45	3475.31	180.72	180.15 N	52.10 E	187.53	16.13	7.49	7.29	-3.04			
MWD	3556.00	38.25	359.86	N 0.14 W	45	3511.05	208.05	207.48 N	51.91 E	213.88	14.05	3.80	3.73	1.18			
MWD	3601.00	40.34	359.63	N 0.37 W	45	3545.87	236.55	235.98 N	51.78 E	241.60	12.38	4.66	4.64	-0.51			
MWD	3646.00	43.42	358.82	N 1.18 W	45	3579.38	266.57	266.02 N	51.37 E	270.93	10.93	6.95	6.84	-1.80			
MWD	3691.00	45.41	356.75	N 3.25 W	45	3611.52	298.02	297.48 N	50.14 E	301.68	9.57	5.47	4.42	-4.60			
MWD	3736.00	48.36	355.84	N 4.16 W	45	3642.27	330.77	330.26 N	48.01 E	333.73	8.27	6.72	6.56	-2.02			
MWD	3781.00	49.66	355.53	N 4.47 W	45	3671.79	364.61	364.13 N	45.46 E	366.95	7.12	2.94	2.89	-0.69			
MWD	3826.00	50.83	354.77	N 5.23 W	45	3700.57	399.05	398.60 N	42.53 E	400.86	6.09	2.91	2.60	-1.69			
MWD	3871.00	52.34	354.27	N 5.73 W	45	3728.53	434.10	433.69 N	39.16 E	435.46	5.16	3.47	3.36	-1.11			
MWD	3915.00	54.04	353.38	N 6.62 W	44	3754.89	469.08	468.71 N	35.37 E	470.05	4.32	4.19	3.86	-2.02			
MWD	3960.00	56.46	352.92	N 7.08 W	45	3780.54	505.73	505.42 N	30.96 E	506.37	3.51	5.44	5.38	-1.02			
MWD	4005.00	59.62	353.22	N 6.78 W	45	3804.35	543.58	543.32 N	26.35 E	543.95	2.78	7.04	7.02	0.67			
MWD	4050.00	61.82	354.07	N 5.93 W	45	3826.36	582.53	582.32 N	22.01 E	582.74	2.16	5.16	4.89	1.89			
MWD	4095.00	64.75	351.79	N 8.21 W	45	3846.59	622.36	622.20 N	17.06 E	622.44	1.57	7.93	6.51	-5.07			
MWD	4140.00	67.83	355.54	N 4.46 W	45	3864.69	663.24	663.14 N	12.53 E	663.26	1.08	10.25	6.84	8.33			
MWD	4186.00	71.19	356.03	N 3.97 W	46	3880.79	706.17	706.11 N	9.36 E	706.17	0.76	7.37	7.30	1.07			
MWD	4231.00	75.36	357.56	N 2.44 W	45	3893.74	749.16	749.13 N	6.96 E	749.16	0.53	9.82	9.27	3.40			
MWD	4276.00	79.08	359.34	N 0.66 W	45	3903.69	793.00	792.99 N	5.78 E	793.01	0.42	9.12	8.27	3.96			
MWD	4321.00	82.78	0.92	N 0.92 E	45	3910.78	837.43	837.41 N	5.88 E	837.43	0.40	8.92	8.22	3.51			
MWD	4366.00	86.18	1.44	N 1.44 E	45	3915.11	882.21	882.19 N	6.80 E	882.22	0.44	7.64	7.56	1.16			
MWD	4411.00	88.65	1.38	N 1.38 E	45	3917.14	927.16	927.13 N	7.91 E	927.16	0.49	5.49	5.49	-0.13			
MWD	4456.00	90.15	1.66	N 1.66 E	45	3917.61	972.15	972.11 N	9.10 E	972.15	0.54	3.39	3.33	0.62			
MWD	4501.00	91.33	1.43	N 1.43 E	45	3917.03	1017.14	1017.09 N	10.32 E	1017.14	0.58	2.67	2.62	-0.51			
MWD	4546.00	91.45	1.68	N 1.68 E	45	3915.94	1062.12	1062.06 N	11.54 E	1062.12	0.62	0.62	0.27	0.56			
MWD	4577.00	90.86	2.02	N 2.02 E	31	3915.31	1093.11	1093.03 N	12.54 E	1093.11	0.66	2.20	-1.90	1.10			
MWD	4618.00	91.82	2.23	N 2.23 E	41	3914.35	1134.08	1133.99 N	14.06 E	1134.08	0.71	2.40	2.34	0.51			
MWD	4663.00	91.23	1.07	N 1.07 E	45	3913.16	1179.06	1178.96 N	15.35 E	1179.06	0.75	2.89	-1.31	-2.58			
MWD	4708.00	88.95	0.10	N 0.10 E	45	3913.09	1224.05	1223.95 N	15.81 E	1224.05	0.74	5.51	-5.07	-2.16			
MWD	4753.00	88.40	0.32	N 0.32 E	45	3914.13	1269.04	1268.94 N	15.98 E	1269.04	0.72	1.32	-1.22	0.49			
MWD	4798.00	89.54	1.14	N 1.14 E	45	3914.94	1314.03	1313.93 N	16.55 E	1314.03	0.72	3.12	2.53	1.82			
MWD	4843.00	89.32	0.16	N 0.16 E	45	3915.38	1359.03	1358.92 N	17.06 E	1359.03	0.72	2.23	-0.49	-2.18			



Company: **McElvain Energy**
 Field: **Mississippi**
 County: **Trego County, KS**
 Well Name: **Bliss 35-1H**
 Rig: **HWD #5**

Job Number: **5311858**
 Magnetic Decl: **5.66 E**
 Grid Corr: **1.03 W**
 Total Survey Corr: **6.69**
 Date Printed: **2-Jul-13**

Proposed Azimuth: **0.64**
 Target Inclination: **90.32**
 TVD: **3885.00**
 BRN From Survey: **-0.14**
 BRN From Bit: **-0.15**

Projection	Tool Type	Depth (ft)	Depth (ft)	Incl (°)	Azimuth (°)	Incl.	Quadrant	Course Lgth(ft)	TVD (ft)	Azimuth (ft)	Coordinates		Closure		DLS (°/100')	Bid Rate (%/100')	Wik Rate (%/100')	
											N/S (ft)	E/W (ft)	Dist (ft)	Ang (°)				
77	MWD	4888.00	89.51	0.06	N	0.06	E	45	3915.84	1404.02	1403.92	N	17.15	E	1404.02	0.70	0.48	-0.42
78	MWD	4933.00	90.31	359.96	N	0.04	W	45	3915.91	1449.02	1448.92	N	17.16	E	1449.02	0.68	1.79	1.78
79	MWD	4978.00	90.52	359.77	N	0.23	W	45	3915.59	1494.01	1493.92	N	17.05	E	1494.01	0.65	0.63	0.47
80	MWD	5023.00	90.58	359.73	N	0.27	W	45	3915.16	1539.01	1538.91	N	16.85	E	1539.01	0.63	0.16	0.13
81	MWD	5069.00	91.36	0.18	N	0.18	E	46	3914.38	1585.00	1584.91	N	16.82	E	1585.00	0.61	1.96	1.70
82	MWD	5114.00	91.23	359.94	N	0.06	W	45	3913.36	1629.98	1629.90	N	16.86	E	1629.98	0.59	0.61	-0.29
83	MWD	5158.00	90.25	358.64	N	1.36	W	44	3912.79	1673.97	1673.89	N	16.32	E	1673.97	0.56	3.70	-2.23
84	MWD	5203.00	90.28	358.05	N	1.95	W	45	3912.58	1718.93	1718.87	N	15.02	E	1718.93	0.50	1.31	0.07
85	MWD	5248.00	91.42	357.67	N	2.33	W	45	3911.92	1763.87	1763.83	N	13.34	E	1763.88	0.43	2.67	2.53
86	MWD	5293.00	92.09	357.23	N	2.77	W	45	3910.54	1808.78	1808.77	N	11.34	E	1808.80	0.36	1.78	1.49
87	MWD	5338.00	92.03	356.59	N	3.41	W	45	3908.92	1853.65	1853.67	N	8.91	E	1853.69	0.28	1.43	-0.13
88	MWD	5383.00	90.28	356.35	N	3.65	W	45	3908.01	1898.52	1898.57	N	6.14	E	1898.58	0.19	3.93	-3.89
89	MWD	5428.00	88.95	356.26	N	3.74	W	45	3908.32	1943.39	1943.48	N	3.24	E	1943.48	0.10	2.96	-2.96
90	MWD	5473.00	89.44	355.36	N	4.64	W	45	3908.95	1988.23	1988.35	N	0.04	W	1988.35	360.00	2.28	1.09
91	MWD	5518.00	89.63	354.95	N	5.05	W	45	3909.31	2033.02	2033.19	N	3.84	W	2033.19	359.89	1.00	0.42
92	MWD	5562.00	90.43	354.90	N	5.10	W	44	3909.29	2076.80	2077.02	N	7.74	W	2077.03	359.79	1.82	1.82
93	MWD	5607.00	91.23	354.10	N	5.90	W	45	3908.64	2121.54	2121.81	N	12.05	W	2121.84	359.67	2.51	1.78
94	MWD	5651.00	90.89	355.71	N	4.29	W	44	3907.82	2165.31	2165.62	N	15.95	W	2165.68	359.58	3.74	-0.77
95	MWD	5696.00	90.52	357.80	N	2.20	W	45	3907.27	2210.20	2210.54	N	18.50	W	2210.62	359.52	4.72	-0.82
96	MWD	5741.00	90.22	357.75	N	2.25	W	45	3906.98	2255.14	2255.51	N	20.25	W	2255.60	359.49	0.68	-0.67
97	MWD	5787.00	89.75	1.08	N	1.08	E	46	3906.99	2301.13	2301.50	N	20.72	W	2301.59	359.48	7.31	-1.02
98	MWD	5832.00	89.57	0.51	N	0.51	E	45	3907.26	2346.12	2346.50	N	20.09	W	2346.58	359.51	1.33	-0.40
99	MWD	5877.00	89.11	0.61	N	0.61	E	45	3907.78	2391.12	2391.49	N	19.65	W	2391.57	359.53	1.05	-1.02
100	MWD	5922.00	90.03	1.87	N	1.87	E	45	3908.11	2436.12	2436.48	N	18.68	W	2436.55	359.56	3.47	2.04
101	MWD	5967.00	89.57	1.54	N	1.54	E	45	3908.27	2481.11	2481.46	N	17.34	W	2481.52	359.60	1.26	-1.02
102	MWD	6012.00	89.48	1.51	N	1.51	E	45	3908.65	2526.10	2526.44	N	16.14	W	2526.49	359.63	0.21	-0.20
103	MWD	6057.00	90.74	2.31	N	2.31	E	45	3908.56	2571.09	2571.41	N	14.64	W	2571.45	359.67	3.32	2.80
104	MWD	6102.00	90.77	2.69	N	2.69	E	45	3907.97	2616.06	2616.37	N	12.68	W	2616.40	359.72	0.85	0.07
105	MWD	6146.00	90.80	2.36	N	2.36	E	44	3907.36	2660.03	2660.32	N	10.74	W	2660.34	359.77	0.75	0.07
106	MWD	6191.00	90.22	1.36	N	1.36	E	45	3906.96	2705.02	2705.29	N	9.28	W	2705.31	359.80	2.57	-1.29
107	MWD	6236.00	89.48	1.53	N	1.53	E	45	3907.08	2750.02	2750.28	N	8.15	W	2750.29	359.83	1.69	-1.64
108	MWD	6281.00	89.85	2.24	N	2.24	E	45	3907.34	2795.00	2795.25	N	6.67	W	2795.26	359.86	1.78	0.82
109	MWD	6326.00	90.31	1.45	N	1.45	E	45	3907.28	2839.99	2840.23	N	5.22	W	2840.23	359.89	2.03	1.02
110	MWD	6373.00	91.11	0.95	N	0.95	E	47	3906.70	2886.99	2887.21	N	4.23	W	2887.22	359.92	2.01	1.70
111	MWD	6418.00	91.57	1.33	N	1.33	E	45	3905.65	2931.97	2932.19	N	3.34	W	2932.19	359.93	1.33	1.02
112	MWD	6463.00	90.95	0.67	N	0.67	E	45	3904.66	2976.96	2977.17	N	2.55	W	2977.18	359.95	2.01	-1.38
113	MWD	6508.00	91.57	1.49	N	1.49	E	45	3903.67	3021.95	3022.15	N	1.71	W	3022.16	359.97	2.28	1.38
114	MWD	6553.00	91.32	2.23	N	2.23	E	45	3902.53	3066.92	3067.12	N	0.25	W	3067.12	360.00	1.74	-0.56



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Projection	Tool Type	Depth (ft)	Depth (ft)	Incl (°)	Azimuth (°)	Incl.	Quadrant	Course Lgth(ft)	TVD (ft)	Azimuth (ft)	VS (ft)	Coordinates		Dist (ft)	Closure Ang (°)	DLS (°/100')	Bld Rate (°/100')	Wlk Rate (°/100')	
												N/S (ft)	E/W (ft)						
115	MWD	6598.00	91.02	1.35	N	1.35	E	45	3901.61	3111.90	3112.08	N	1.16	E	3112.08	0.02	2.07	-0.67	-1.96
116	MWD	6643.00	90.12	1.92	N	1.92	E	45	3901.17	3156.89	3157.06	N	2.44	E	3157.06	0.04	2.37	-2.00	1.27
117	MWD	6688.00	89.60	0.08	N	0.08	E	45	3901.28	3201.89	3202.05	N	3.23	E	3202.06	0.06	4.25	-1.16	-4.09
118	MWD	6733.00	89.48	0.78	N	0.78	E	45	3901.64	3246.89	3247.05	N	3.57	E	3247.05	0.06	1.58	-0.27	1.56
119	MWD	6770.00	89.57	0.78	N	0.78	E	37	3901.94	3283.89	3284.05	N	4.07	E	3284.05	0.07	0.24	0.24	0.00
120	MWD	6813.00	89.32	0.40	N	0.40	E	43	3902.36	3326.89	3327.04	N	4.51	E	3327.05	0.08	1.06	-0.58	-0.88
121	MWD	6855.00	88.52	0.62	N	0.62	E	42	3903.15	3368.88	3369.03	N	4.89	E	3369.04	0.08	1.98	-1.90	0.52
122	MWD	6898.00	88.61	0.72	N	0.72	E	43	3904.23	3411.86	3412.02	N	5.39	E	3412.02	0.09	0.31	0.21	0.23
123	MWD	6940.00	89.45	0.55	N	0.55	E	42	3904.94	3453.86	3454.01	N	5.85	E	3454.01	0.10	2.04	2.00	-0.40
124	MWD	6982.00	91.54	1.31	N	1.31	E	42	3904.58	3495.85	3496.00	N	6.54	E	3496.00	0.11	5.29	4.98	1.81
125	MWD	7025.00	90.80	0.55	N	0.55	E	43	3903.70	3538.84	3538.98	N	7.23	E	3538.99	0.12	2.47	-1.72	-1.77
126	MWD	7068.00	90.12	0.41	N	0.41	E	43	3903.35	3581.84	3581.98	N	7.59	E	3581.99	0.12	1.61	-1.58	-0.33
127	MWD	7111.00	90.71	1.32	N	1.32	E	43	3903.04	3624.84	3624.97	N	8.24	E	3624.98	0.13	2.52	1.37	2.12
128	MWD	7154.00	90.52	0.35	N	0.35	E	43	3902.58	3667.84	3667.96	N	8.87	E	3667.98	0.14	2.30	-0.44	-2.26
129	MWD	7197.00	90.59	359.80	N	0.20	W	43	3902.16	3710.83	3710.96	N	8.93	E	3710.97	0.14	1.29	0.16	-1.28
130	MWD	7240.00	90.18	359.92	N	0.08	W	43	3901.87	3753.83	3753.96	N	8.82	E	3753.97	0.13	0.99	-0.95	0.28
131	MWD	7286.00	89.82	358.91	N	1.09	W	46	3901.87	3799.81	3799.96	N	8.35	E	3799.97	0.13	2.33	-0.78	-2.20
132	MWD	7330.00	90.15	359.44	N	0.56	W	44	3901.89	3843.80	3843.95	N	7.72	E	3843.96	0.12	1.42	0.75	1.20
133	MWD	7372.00	90.95	359.49	N	0.51	W	42	3901.48	3885.79	3885.95	N	7.33	E	3885.96	0.11	1.91	1.90	0.12
134	MWD	7416.00	90.49	0.43	N	0.43	E	44	3900.93	3929.78	3929.95	N	7.29	E	3929.95	0.11	2.38	-1.05	2.14
135	MWD	7459.00	90.40	0.88	N	0.88	E	43	3900.60	3972.78	3972.94	N	7.79	E	3972.95	0.11	1.07	-0.21	1.05
136	MWD	7502.00	88.31	1.09	N	1.09	E	43	3901.08	4015.77	4015.93	N	8.53	E	4015.94	0.12	4.88	-4.86	0.49
137	MWD	7545.00	87.23	0.88	N	0.88	E	43	3902.75	4058.74	4058.89	N	9.26	E	4058.90	0.13	2.56	-2.51	-0.49
138	MWD	7588.00	87.53	359.79	N	0.21	W	43	3904.72	4101.69	4101.84	N	9.51	E	4101.85	0.13	2.63	0.70	-2.53
139	MWD	7631.00	88.40	359.96	N	0.04	W	43	3906.25	4144.66	4144.82	N	9.42	E	4144.83	0.13	2.06	2.02	0.40
140	MWD	7674.00	88.61	359.50	N	0.50	W	43	3907.37	4187.64	4187.80	N	9.22	E	4187.81	0.13	1.18	0.49	-1.07
141	MWD	7719.00	89.45	0.41	N	0.41	E	45	3908.13	4232.63	4232.79	N	9.18	E	4232.80	0.12	2.75	1.87	2.02
142	MWD	7764.00	89.94	359.93	N	0.07	W	45	3908.37	4277.63	4277.79	N	9.32	E	4277.80	0.12	1.52	1.09	-1.07
143	MWD	7809.00	90.15	359.99	N	0.01	W	45	3908.33	4322.63	4322.79	N	9.29	E	4322.80	0.12	0.49	0.47	0.13
144	MWD	7854.00	90.80	359.73	N	0.27	W	45	3907.96	4367.62	4367.79	N	9.18	E	4367.80	0.12	1.56	1.44	-0.58
145	MWD	7899.00	91.35	359.29	N	0.71	W	45	3907.12	4412.60	4412.78	N	8.79	E	4412.79	0.11	1.57	1.22	-0.98
146	MWD	7944.00	91.76	359.21	N	0.79	W	45	3905.90	4457.57	4457.76	N	8.20	E	4457.77	0.11	0.93	0.91	-0.18
147	MWD	7987.00	92.03	358.99	N	1.01	W	43	3904.47	4500.53	4500.73	N	7.53	E	4500.74	0.10	0.81	0.63	-0.51
148	MWD	8016.00	91.69	358.23	N	1.77	W	29	3903.53	4529.50	4529.71	N	6.82	E	4529.71	0.09	2.87	-1.17	-2.62
149	PROJ	8066.00	91.69	358.23	N	1.77	W	50	3902.06	4579.43	4579.66	N	5.28	E	4579.66	0.07	0.00	0.00	0.00

T11S, R21W, 6th P.M.

McELVAIN ENERGY, INC.

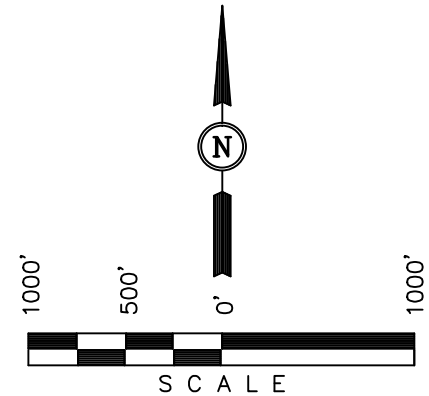
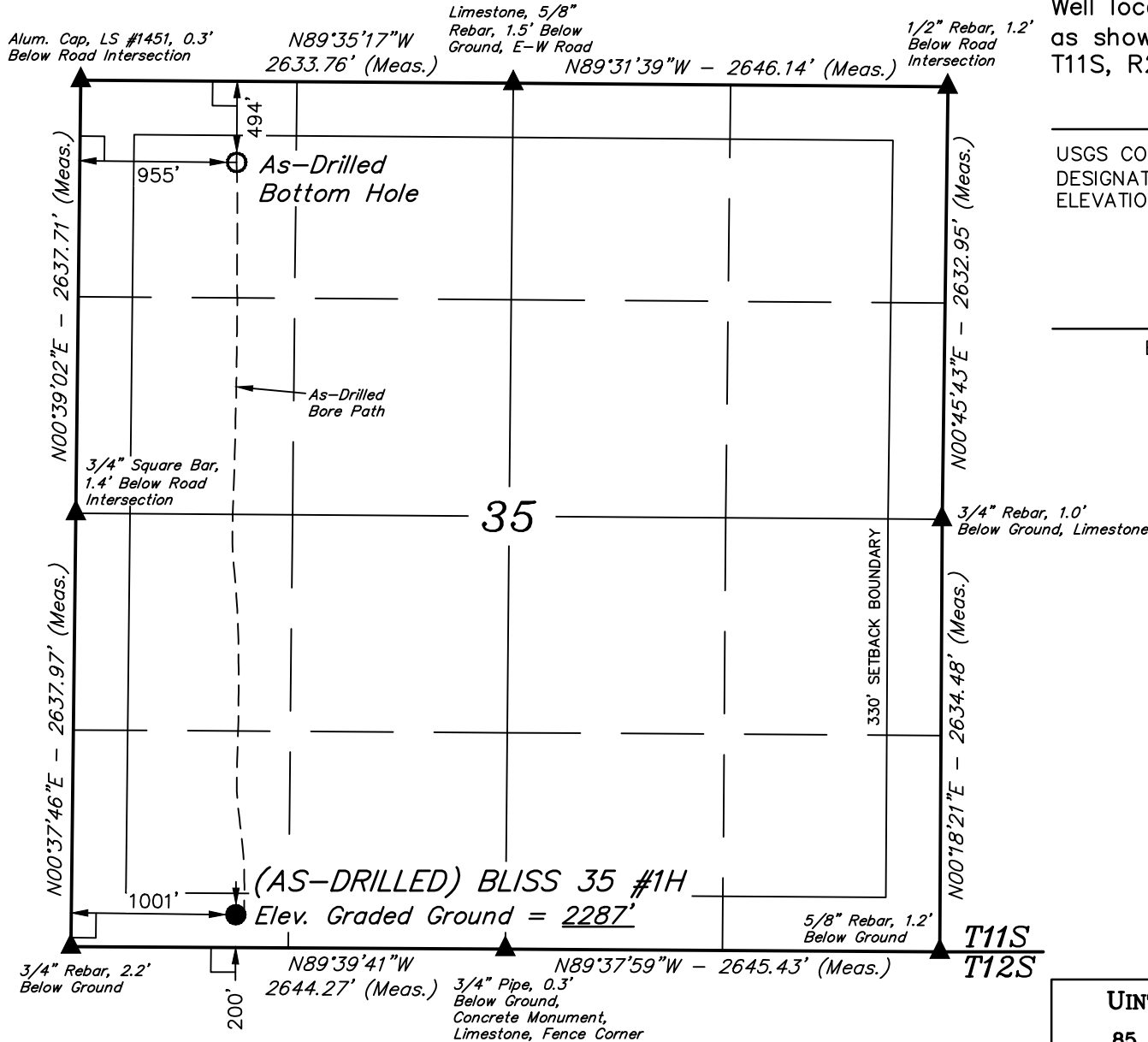
Well location, (AS-DRILLED) BLISS 35 #1H, located as shown in the SW 1/4 SW 1/4 of Section 35, T11S, R21W, 6th P.M., Trego County, Kansas.

BASIS OF ELEVATION

USGS COOPERATIVE BASE NETWORK CONTROL STATION, DESIGNATION "X301". NGS DATA SHEET LISTS THE NAVD 88 ELEVATION AS BEING 2397.08 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

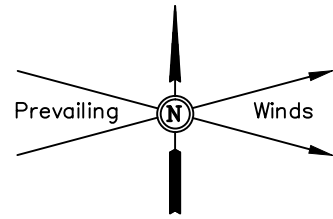
Robert S. Guthrie
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 1451
 STATE OF KANSAS 02-13

LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

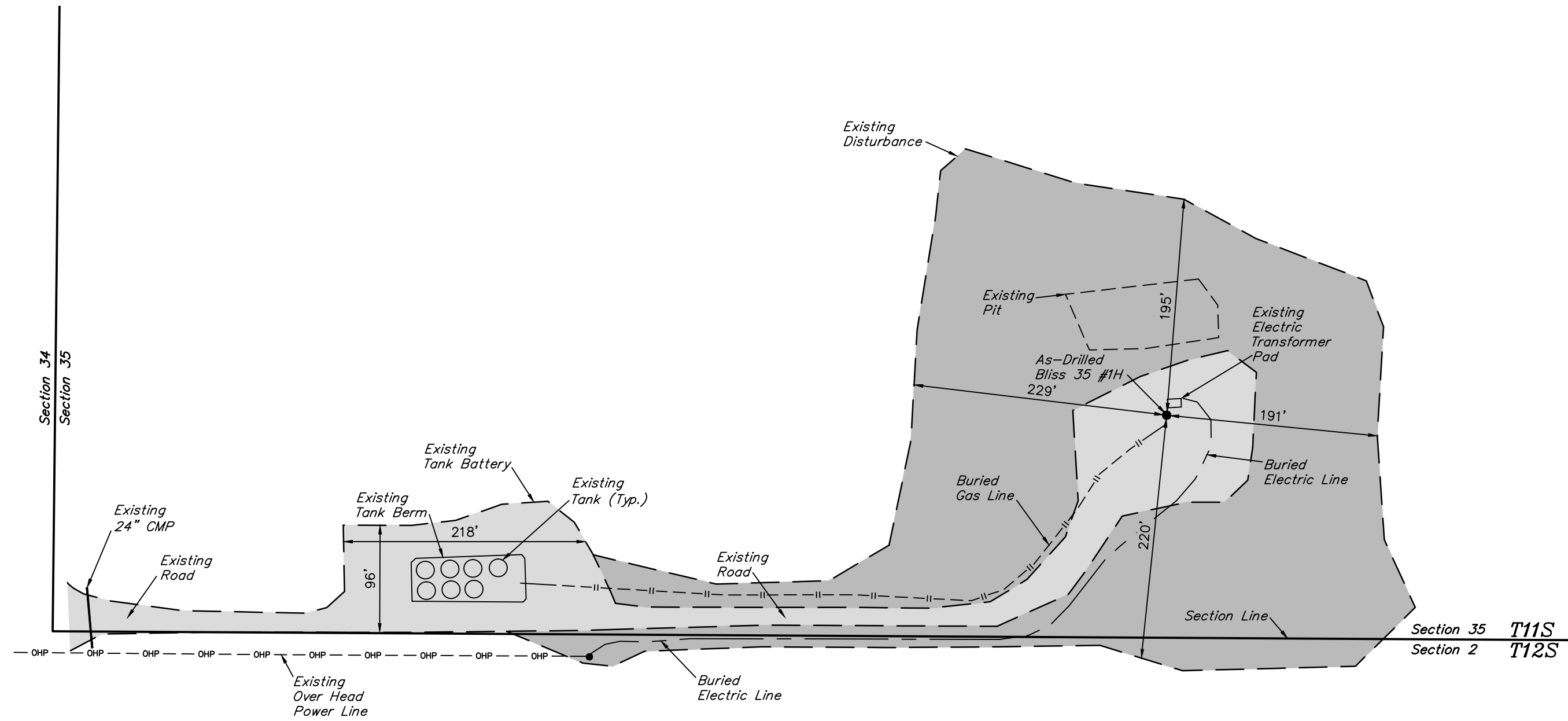
NAD 83 (AS-DRILLED BOTTOM HOLE)	NAD 83 (AS-DRILLED SURFACE LOCATION)
LATITUDE = 39°03'27.81" (39.057725)	LATITUDE = 39°02'42.55" (39.045153)
LONGITUDE = 99°37'37.39" (99.627053)	LONGITUDE = 99°37'37.54" (99.627094)
NAD 27 (AS-DRILLED BOTTOM HOLE)	NAD 27 (AS-DRILLED SURFACE LOCATION)
LATITUDE = 39°03'27.78" (39.057717)	LATITUDE = 39°02'42.51" (39.045142)
LONGITUDE = 99°37'35.98" (99.626661)	LONGITUDE = 99°37'36.13" (99.626703)

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 06-24-13	DATE DRAWN: 06-27-13
PARTY C.B. T.B. J.J.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE McELVAIN ENERGY, INC.	



McELVAIN ENERGY, INC.
 AS-BUILT SITE PLAN FOR
 BLISS 35 #1H
 SECTION 35, T11S, R21W, 6th P.M.
 200' FSL 1001' FWL

SCALE: 1" = 100'
 DATE: 06-27-13
 DRAWN BY: J.J.



PAD DISTURBANCE = ± 3.776 ACRES
 ANK BATTERY DISTURBANCE = ± 0.549 ACRES
 ROAD & UTILITIES DISTURBANCE = ± 0.962 ACRES
 TOTAL = ± 5.287 ACRES

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

July 02, 2013

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

Re: ACO1
API 15-195-22856-01-00
Bliss 35 #1H
SW/4 Sec.35-11S-21W
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