Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1193092

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 # 33629
Name: Great Plains Energy, Inc.
Address 1: 6121 S 58TH ST, STE B
Address 2:
City: LIN COLN State: NE Zip: 68516 + ____
Contact Person: Dan Blankenau
Phone: (402) 443-6125
CONTRACTOR: License # 33575
Name: WW Drilling, LLC
Wellsite Geologist: Rich Bell
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 #:

08/30/2013	09/05/2013	09/05/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-137-20665-00-00
Spot Description:
__ - SE - SE - SE Sec. 25 Twp. 2 S. R. 24 ☐ East ☑ West
330 Feet from ☐ North / ☑ South Line of Section
330 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: _____ *(e.g. xx.xxxxx)* , Long: _____ *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Norton
Lease Name: Braun Well #: 1-25
Field Name:
Producing Formation: Lansing
Elevation: Ground: 2421 Kelly Bushing: 2423
Total Vertical Depth: 3744 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 220 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 1984 Feet
If Alternate II completion, cement circulated from: 1984
feet depth to: 0 w/ 380 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 900 ppm Fluid volume: 1200 bbls
Dewatering method used: Evaporated

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:** Deanna Garrison **Date:** 03/07/2014

[redacted] 1193092

Operator Name: Great Plains Energy, Inc. Lease Name: Braun Well #: 1-25

Sec. 25 Twp. 2 S. R. 24 ☐ East ☑ West County: Norton

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:
Attached

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name: Attached Top: Attached Datum: Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	220	Common	165	3% cc, 2% gel
Production	7.875	5.5	14	3745	owc	205	5# Flo-seal
Production	7.875	5.5	14	1984	60/40 Poz	380	8% gel, 1/4# fs

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	-			
	-			

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 *(Amount and Kind of Material Used)*	Depth
8	3470-3474	250 gal. 15% MCA; 1500 gal. 20% SGA	

TUBING RECORD: Size:	Set At:	Packer At:	Liner Run:
2.375	3400	N/A	☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.: 10/28/2013

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	60		0		

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
3470-3474

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Great Plains Energy, Inc.
Well Name	Braun 1-25
Doc ID	1193092

All Electric Logs Run

Micro
DIL
Sonic
CD/NL

Form	ACO1 - Well Completion
Operator	Great Plains Energy, Inc.
Well Name	Braun 1-25
Doc ID	1193092

Tops

Name	Top	Datum
Anhydrite	1981	442
Base	2009	414
Topeka	3219	-796
Heebner	3397	-974
Lansing	3439	-1016
BKC	3623	-1200
Marmaton	3664	-1241
Granite	3691	-1268

CONSOLIDATED
Oil Well Services, LLC

261988

TICKET NUMBER 38089
LOCATION Oakley KS
FOREMAN Fuzzy

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-5-13	3282	BRAUN 1-25	25	7	24	Norton KS

CUSTOMER: Great Plains
MAILING ADDRESS:
CITY / STATE / ZIP CODE:

Norton 3W-1N-1/2W

TRUCK #	DRIVER	TRUCK #	DRIVER
463	Corey D		
693	Mike P		
528	Cody K		

JOB TYPE 2-stage HOLE SIZE 7 7/8 HOLE DEPTH 3744. CASING SIZE & WEIGHT 5 1/2 14#
CASING DEPTH 3744' DRILL PIPE TUBING OTHER DV Tool @ 1984'
SLURRY WEIGHT 14.5-11.5 SLURRY VOL 1.42-1.9 WATER gal/sk CEMENT LEFT in CASING 19.54'
DISPLACEMENT 90.8 DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting on W.W#6 Rig up Float equip Cent 2-4-5-6-7-10-11-40 Baskets(Bot) 3-12-41. DV Tool Tops#41. Rig up and circulate 1hr. Pump 5 BBL water, 500gal mud Flush, 20 BBL water Mix 205sks OWC w/5# Kol-seal C1st 50sks @ 13.5#-rest @ 14.6# wash pump and lines. Drop plug and displace 42 BBL water, 49 3/4 BBLs mud 1st 700# land plug @ 1200#, Float held Drop DV Bomb wait 10 min open DV Tool @ 1000# Circ 3 hrs. Pump 5 BBL water Mix 500gal mud Flush Mix 30sks BH Mix 380sks 60/40 pos 8% gel 1/4# Flo-seal. wash pump and lines Drop plug and displace 49 1/2 BBL 1st 700# close DV Tool @ 2500# cement did circulate Approx 20 BBLs to pit Thanks Fuzzy + crew

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3175.00	3175.00
5406	60 miles	MILEAGE	5.25	315.00
5407A	27.36 ton	Ton mileage Delivery	1.75	2866.80
1126	205 sks	OWC	23.70	4858.50
1131	410 sks	60/40 pos	15.86	6502.60
1110A	1025#	Kol-seal	.56	574.00
1118B	2821#	Bentonite	.27	761.67
1107	103#	Flo-seal	2.95	305.91
1144G	1000 gal	Mud Flush	1.00	1000.00
1142A	2 gal	KCL	41.10	82.20
4104	3	5 1/2 - Baskets (W)	290.00	870.00
4130	8	5 1/2 - Centralizers (W)	61.00	488.00
4159	1	5 1/2 - AFU Float shoe (W)	433.75	433.75
4277A	1	5 1/2 - DV Tool (W)	4900.00	4900.00
4314	40	5 1/2 - Rwip Scratchers (W)	82.00	3280.00
4454	1	5 1/2 - Latchdown Assy (W)	567.00	567.00
		subtotal		30980.43
		less 10%	3098.04	
		subtotal	27882.39	SALES TAX 1529.14
				ESTIMATED TOTAL 29411.53

Ravin 3737

AUTHORIZTION TITLE completed DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

ALLIED OIL & GAS SERVICES, LLC 05-852

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE	WELL #		LOCATION			COUNTY	STATE
OLD OR NEW (Circle one)							

CONTRACTOR
TYPE OF JOB
HOLE SIZE T.D.
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS.
DISPLACEMENT

OWNER

CEMENT
AMOUNT ORDERED

COMMON @
POZMIX @
GEL @
CHLORIDE @
ASC @
@
@
@
@
@
@
@
@
HANDLING @
MILEAGE
TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER
HELPER
BULK TRUCK
DRIVER
BULK TRUCK
DRIVER

REMARKS:

SERVICE

DEPTH OF JOB
PUMP TRUCK CHARGE
EXTRA FOOTAGE @
MILEAGE @
MANIFOLD @
@
@
TOTAL

CHARGE TO:
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@
@
@
@
@
TOTAL

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)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

SIGNATURE

DRILL STEM TEST REPORT

Great Plains Energy, Inc.

6121 S 58th St. STE B
Lincoln, NE 68516

ATTN: Rich Bell

25-2s-24w Norton, KS

Braun #1-25

Job Ticket: 53370 **DST#: 1**

Test Start: 2013.09.02 @ 18:35:00

GENERAL INFORMATION:

Formation: **LKC "C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:47:00
Time Test Ended: 02:57:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack
Unit No: 66

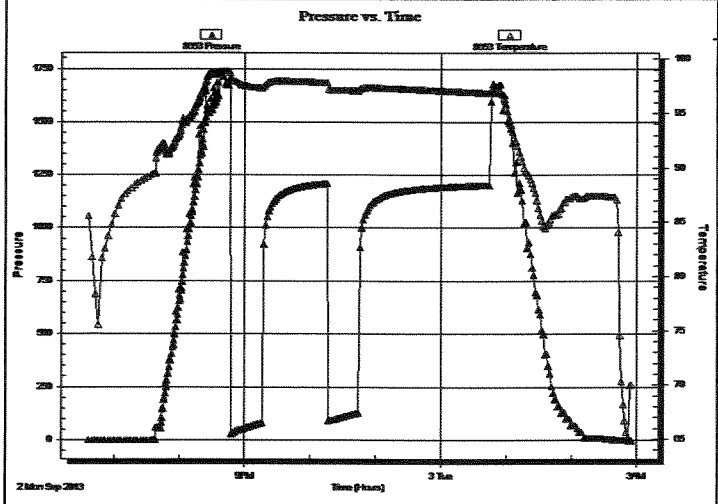
Interval: 3452.00 ft (KB) To 3478.00 ft (KB) (TVD)
Total Depth: 3478.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2423.00 ft (KB)
2421.00 ft (CF)
KB to GR/CF: 2.00 ft

Serial #: 8653 Outside
Press@RunDepth: psig @ 3453.00 ft (KB)
Start Date: 2013.09.02 End Date: 2013.09.03
Start Time: 18:36:00 End Time: 02:55:30

Capacity: 8000.00 psig
Last Calib.: 2013.09.03
Time On Btm:
Time Off Btm:

TEST COMMENT: 30 - IF- BoB in 9 min.
60 - ISI- Weak Surface Return started at 1 min. Built to 5"
30 - FF- BoB in 13 in
120 - FSI- Return Blow Started at 1 min. Built to 8"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMCO 10G 10M 80o	0.30
60.00	GMCO 10G 5M 85o	0.30
248.00	Clean Gassy Oil 20G 80o	3.44
0.00	624' GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT

Great Plains Energy, Inc.

6121 S 58th St. STE B
Lincoln, NE 68516

ATTN: Rich Bell

25-2s-24w Norton, KS

Braun #1-25

Job Ticket: 53371 **DST#: 2**

Test Start: 2013.09.03 @ 16:30:00

GENERAL INFORMATION:

Formation: **LKC "J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:27:10
Time Test Ended: 23:00:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack
Unit No: 66

Interval: 3552.00 ft (KB) To 3583.00 ft (KB) (TVD)
Total Depth: 3583.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

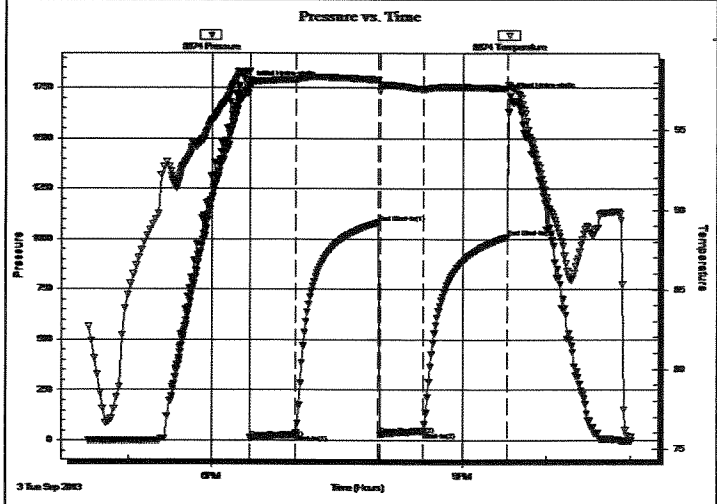
Reference Elevations: 2423.00 ft (KB)
2421.00 ft (CF)
KB to GR/CF: 2.00 ft

Serial #: 8874 **Inside**

Press@RunDepth: 44.80 psig @ 3553.00 ft (KB)
Start Date: 2013.09.03 End Date: 2013.09.03
Start Time: 16:31:00 End Time: 23:00:30

Capacity: 8000.00 psig
Last Calib.: 2013.09.03
Time On Btm: 2013.09.03 @ 18:27:00
Time Off Btm: 2013.09.03 @ 21:33:30

TEST COMMENT: 30 - IF- Surface Blow built to 1/4"
60 - ISI- No Return
30 - FF- No Blow
60 - FSI- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1765.58	98.68	Initial Hydro-static
1	12.27	97.94	Open To Flow (1)
33	28.31	98.16	Shut-In(1)
93	1082.00	98.15	End Shut-In(1)
94	29.46	97.47	Open To Flow (2)
125	44.80	97.55	Shut-In(2)
185	1009.86	97.60	End Shut-In(2)
187	1706.88	97.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud 100M	0.30

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DRILL STEM TEST REPORT

Great Plains Energy, Inc.

6121 S 58th St. STE B
Lincoln, NE 68516

ATTN: Rich Bell

25-2s-24w Norton, KS

Braun #1-25

Job Ticket: 53372 **DST#: 3**

Test Start: 2013.09.04 @ 18:05:00

GENERAL INFORMATION:

Formation: **Bsl Penn Sand**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:42:20
Time Test Ended: 01:52:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack
Unit No: 66

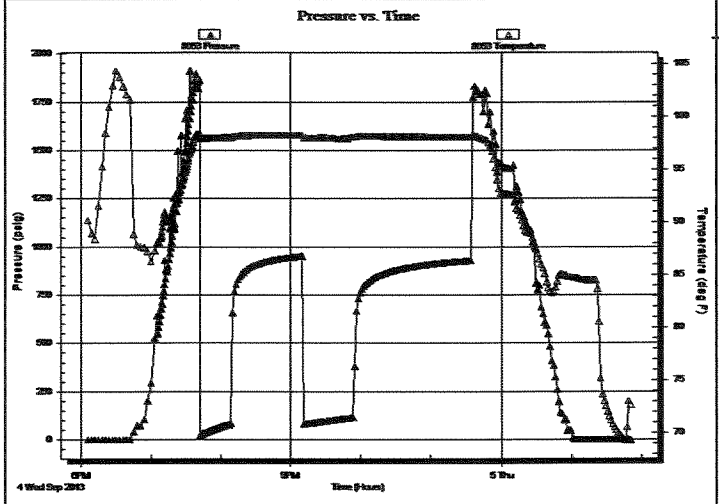
Interval: 3666.00 ft (KB) To 3744.00 ft (KB) (TVD)
Total Depth: 3744.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2423.00 ft (KB)
2421.00 ft (CF)
KB to GR/CF: 2.00 ft

Serial #: 8653 Outside
Press@RunDepth: psig @ 3667.00 ft (KB)
Start Date: 2013.09.04 End Date: 2013.09.05
Start Time: 18:06:00 End Time: 01:50:30

Capacity: 8000.00 psig
Last Calib.: 2013.09.05
Time On Btm:
Time Off Btm:

TEST COMMENT: 30 - IF- 1/4" Blow built to 5"
60 - ISI- No Return
45 - FF- Surface Blow started at 13 min. Built to 4 1/2"
90 - FSI- No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Heavy Mud 100M	0.02
115.00	MW 90W 10M	0.57
82.00	MW 85W 15M	1.11

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

A.P.I. # 15-137-20665-0000

GEOLOGICAL REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY Great Plains Energy, Inc.
LEASE Braun # 1-25
FIELD Wildcat
LOCATION SE SE SE
SEC 25 TWSP 2s RGE 24w
COUNTY Norton STATE Kansas

ELEVATION
KB 2423'
DF 2421'
GL 2418'
Depths Measured From
Log KB Drilling KB

CONTRACTOR WW Drilling Rig #6
SPUD 8-30-13 COMP 9-5-13
SAMPLES SAVED FROM 3200' TO R.T.D.

CASING
Surface 8 5/8" @ 220
Production 5 1/2"

ELECTRIC LOGS
Nabors

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM E.log	A	B	C	D
				-0-	-0-		
Anhydrite	1984	1981	+ 442		+ 444		
Base Anhydrite	2012	2009	+ 414				
Topeka	3219	3219	- 796	- 797	- 806		
Heebner	3398	3397	- 974	- 975	- 980		
Toronto	3429	3427	- 1004	- 1009	- 1010		
Lansing	3441	3439	- 1016	- 1019	- 1024		
Base Kansas City	3623	3623	- 1200	- 1208	- 1204		
Marmaton	3663	3664	- 1241	- 1246	- 1247		
"Gorham Sand"	3671	3671	- 1248		- 1262		
Granite	3691	3691	- 1268	- 1259	- 1291		
Total Depth	3744	3744	- 1321		- 1295		

REFERENCE WELLS

A Raymond Oil Co. Inc. Schulze #1, C-SW-SE sec 24-2s-24w
B Richard G. Smith, Foley #1, C-SW-SW sec. 36-2s-24w
C
D

REMARKS This well ran 3 to 8 feet higher on the Lansing top than the reference wells. Encouraging results on DST #1 warranted the cementing of production casing to further test the well. The following zones should be tested: 3577'-3580' and 3420'-3472'.

Richard E. Hall
9/5/13

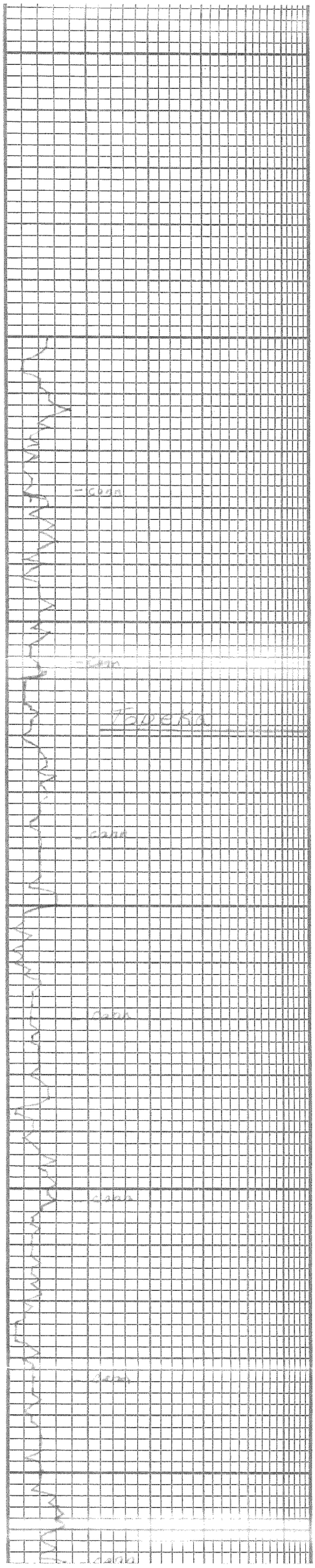
7502

LEGEND

Dolomite
Chert
Ool. Lime
Limestone
Carb sh
Shale
Sandstone
Salt
Anhydrite

REMARKS
OIL SHOWS
SAMPLE DESCRIPTIONS
LITHOLOGY
DEPTH
1900
2000
DRILLING TIME IN MINUTES PER FOOT
Rate of Penetration Decreases
5" 10" 15" 20" 25"

LOG 7710



Sh: brn + gry

LS: wh-tn-gry fxln dns
Tr. LS: gry fssl fs dns. pyrite

LS: tn-lt gry fxln Tr. pr. ppØ N.S.O.

Sh: brn Slty + gry

LS: wh-tn Cky- fxln Sl. ool ppØ N.S.O.

incr Cky (still lot of Sh)

LS: wh-tn V. Cky- fxln dns
Sh: brn + gry

LS: wh-tn lt-gry fxln-slfssl
Δ wh

Tr. SS: brn-lt. brn fn. gr consol. ingrainØ N.S.O

Sh: brn, grn

LS: wh-tn Cky - fxln Tr. sl. ool ppØ friable N.S.O.
Tr. Δ wh-ar

LS: wh-tn V. Cky- fxln Tr. Slisty friable inxlnØ N.S.O.
Sh: brn + gry

LS: wh-tn decr. Cky- fxln ppØ - vgyØ friable N.S.O.

LS: tn fxln ool ppØ N.S.O.

N.S.O.

Sh: brn + gry

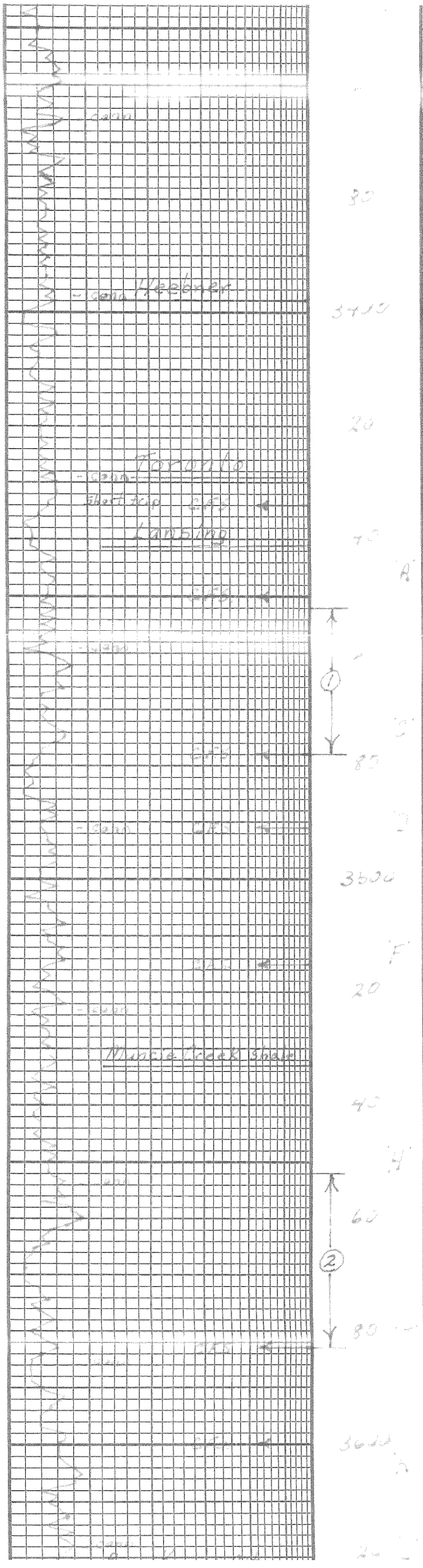
LS: wh-tn Cky - fxln ool ppØ N.S.O.

Sh: gry

LS: wh-tn-lt. gry Cky - fxln dns N.S.O.

LS: wh-tn sl. Cky. fxln Tr. gran.

Samples are
Good Samp.



Shi gry

LS: wh-tn-Lt. gry cky-fx.in dns N.S.O.

LS: wh-tn sl. cky. fx.in Tr. gy. anc spks Sli. foss. inclus ppΦ N.S.O.

LS: wh-tn cky-fx.in sil. ppΦ N.S.O.

LS: wh-tn cky.-fx.in Tr. ppΦ N.S.O. & wh-Lt. gry

Sh: blk Carb

LS: tn fslf dns

Sh: gry

Sh: brn Slty

LS: wh-tn fx.in sil. w/ foss inclus. ppΦ Lt. sptd O Stn Tr. pp F.O. on Crushing Lt. cut No odor

Sh: brn + gry

LS: wh-tn fx.in Tr. sil Tr. pr. Lt. sptd O Stn VRT pp F.O. on crushing fr. cut No odor

Sh. brn, grn

LS: wh-tn fx.in sil. w/ foss inclus vgyΦ - in part Φ abund Lt O sat. floating F.O Strong odor

LS: wh-tn sli. cky-fx.in sub sil - sli. sil. Tr. pp ppΦ RT pr. Lt spfd O Stn Lt. Cut N.F.O. No odor

Sh: brn, gry, grn

LS: wh-tn sli. cky-fx.in Tr sil ppΦ - in part Φ Cpl pcs fr. O Stn Tr. pr. Lt. O Stn mostly barren Tr pp F.O. on crushing No odor

LS: wh-tn sli. cky-fx.in dns N.S.O. & wh-tn

R.T. v. soft blk Carb. Sh.

Sh: gry sl ty

Sh: Lt. brn Slty

LS: wh-tn-Lt-gry sli. cky-fx.in dns N.S.O. & tn

Sh: gry-Lt. brn

LS: yel fslf dns

Sh: brn Slty

LS: wh-tn sli. cky-fx.in-fslf sil. w/ abund foss. inclus ppΦ in part Φ Lt.-fr O Stn Tr pp F.O. fr. odor

Sh: brn

Sh: a.a.

LS: wh-tn-Lt. gry fx.in Tr ppp mostly dns Tr. tn fslf w/ Lt. spfd O Stn Lt. Cut N.F.O.

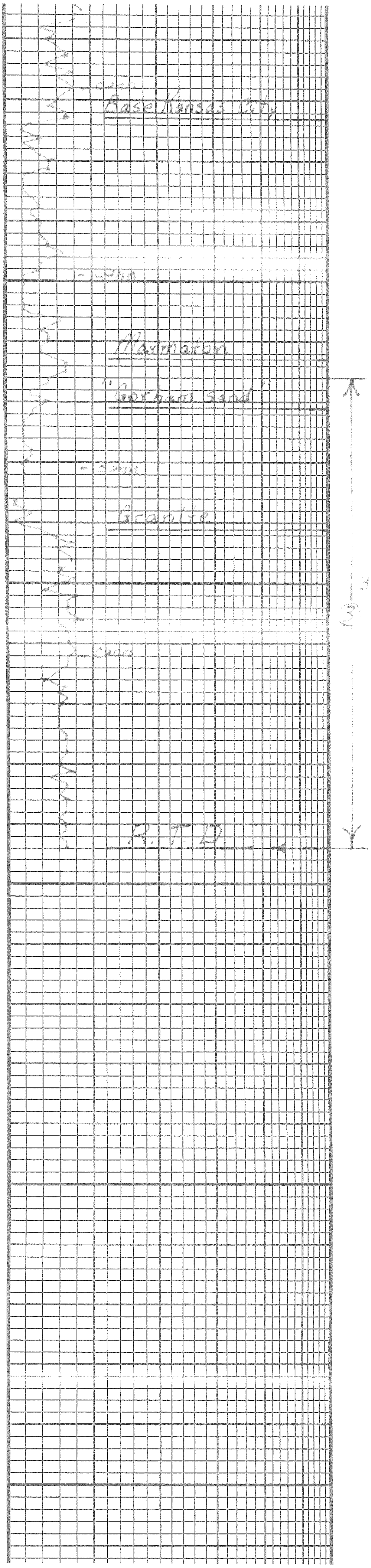
LS: wh-tn fx.in dns cpl. pcs. w/ aspfd Stn N.F.O. No odor

Tr: lobite Te

DST#1 345
30-60-30
IF: B.O.B. in 9
ISI. wk blow in
FF: S.I. wk blow
Recovery: 62
368' Total f
248' G.O. 207.
60' GMCO 107.
60' GMCO 107.
Hyd: 1705-1
FP: 19-81/92
BHP: 1208-126
BHTemp: 97°
gravity: 33° H

Strap 349
Board 349
Diff.
Incline @ 347

DST#2 35
30-60-30
IF: wk blow
FF: No blow
Recovery: 60
Hyd: 1765-17
FP: 12-28/2
BHP: 1082-10
BHTemp: 98°



mostly dns Tr. tn fslt 'Tr. Spt'd O stn Lt. cut N.F.O.

LS: wh-tn fxln dns cpl. pcs. w/ asph stn N.F.O. No odor

Sh: brn

LS: wh-tn si...ckr-fxln dns

Sh: brn silty, Tr. gry

LS: wh-tn fxln dns

SS: tn. gn. consol. clr. - frosted rnd-ang friable Lt. fr O stn fnly diss O. ft. odor Tr ppFO

SS: a a SS: unconsol. coarse gn. ang--sub rnd clr. frosted NSO.

Quartz, biotite, feldspar

Qtz, felds, biot.
Sh: brn

Qtz, biot, felds

Qtz, biot, felds.

DST#3 36
30-60-45
IF: wk blow in...
ISI: No blow
FF: wk blow in
FSI: No blow
Recovery: 20...
82' MW 85%...
115' MW 90% w...
5' M
HYd: 1861-185...
FP: 20-77/...
BHP: 950-92...
BHTemp: 98°...
Chlorides: 70,...

Board 37...
Strap 37...
Diff.
Incline @ 37...