



KANSAS CORPORATION COMMISSION 1151168
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: _____



1151168

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> <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	Wells, Rodger D. dba Pioneer Resources
Well Name	Michaelis 1
Doc ID	1151168

All Electric Logs Run

CN/CD
DI
Sonic
Micro

PO Box 93999
Southlake, TX 76092

Invoice Number: 136631
Invoice Date: Jun 1, 2013
Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361

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Bill To:
Pioneer Resources LLC
80 Windmill Drive
Phillipsburg, KS 67661

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
PioRes	54120	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Russell	Jun 1, 2013	7/1/13

Quantity	Item	Description	Unit Price	Amount
		Michaelis #1		
150.00	MAT	Class A Common	17.90	2,685.00
3.00	MAT	Gel	23.40	70.20
5.00	MAT	Chloride	64.00	320.00
162.09	SER	Cubic Feet	2.48	401.99
59.20	SER	Ton Mileage	2.60	153.92
1.00	SER	Surface	1,512.25	1,512.25
8.00	SER	Pump Truck Mileage	7.70	61.60
8.00	SER	Light Vehicle Mileage	4.40	35.20
1.00	EQP	8.5/8 Wooden Plug	107.64	107.64
1.00	CEMENTER	Robert Yakubovich		
1.00	CEMENTER	Glenn Ginther		
1.00	EQUIP OPER	Woody O'Neil		
1.00	OPER ASSIST	Joe Goodson		

PD
6/17/13
5611.98
1497.38

4114.60

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1,497.38

ONLY IF PAID ON OR BEFORE
Jun 26, 2013

Subtotal	5,347.80
Sales Tax	264.18
Total Invoice Amount	5,611.98
Payment/Credit Applied	
TOTAL	5,611.98

1497.38

4114.60

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INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 136698
Invoice Date: Jun 6, 2013
Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361

Bill To:
Pioneer Resources LLC 80 Windmill Drive Phillipsburg, KS 67661

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
PioRes	60509	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-03	Great Bend	Jun 6, 2013	7/6/13

Quantity	Item	Description	Unit Price	Amount
		Michaelis #1		
96.00	MAT	Class A Common	17.90	1,718.40
64.00	MAT	Pozmix	9.35	598.40
6.00	MAT	Gel	23.40	140.40
40.00	MAT	Flo Seal	2.97	118.80
172.66	SER	Cubic Feet	2.48	428.19
72.00	SER	Ton Mileage	2.60	187.20
1.00	SER	Rotary Plug	2,158.75	2,158.75
10.00	SER	Pump Truck Mileage	7.70	77.00
10.00	SER	Light Vehicle Mileage	4.40	44.00
1.00	EQP	8.5/8 Wooden Plug	107.31	107.31
1.00	CEMENTER	Joshua Isaac		
1.00	EQUIP OPER	Mike Scothorn		
1.00	EQUIP OPER	Daniel Casper		

PD
 6-17
 \$ 5762.54
 6041.46
 278.92

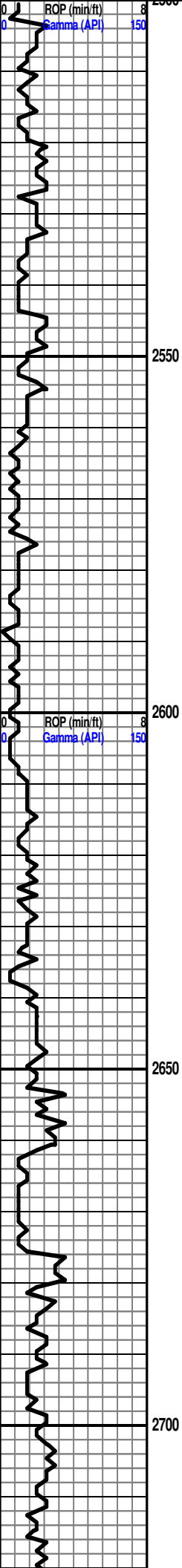
Subtotal	5,578.45
Sales Tax	463.01
Total Invoice Amount	6,041.46
Payment/Credit Applied	
TOTAL	6,041.46

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 278.92

ONLY IF PAID ON OR BEFORE
Jul 1, 2013

278.92
 5762.54



The following are sample tops with associated datums:

Anhydrite Top - 831 (+946)
 Anhydrite Base - 866 (+911)

SH: gry-grn-blk-brn

LS: wht-tan, fxl'n, mottled, sl foss, sl chalky, NS

SH: gry-blk-grn

LS: crm-brn-gry, fxl'n, mottled, foss, sl chalky, NS

LS: as above

SH: gry-grn-blk

SH: as above

LS: crm-gry, vxl'n, dense, sl foss, NS

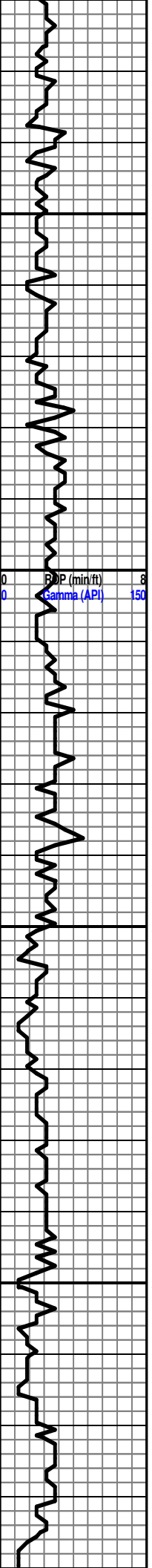
SH: gry-grn

LS & SH: as above

LS & SH: as above

LS & SH: as above

TOPEKA 2638 (-861)



LS: crm-gry, vfxln, foss, sl chalky, dense, NS

SH: gry

2750

LS: crm-gry, fxln, foss, chalky, dense, NS

SH: blk, carb

KING HILL 2759 (-982)

LS: crm-gry, fxln, foss, chalky, fr in xln por, NS

LS: wht-tan, vfxln, foss, chalky, dense, NS

LS: as above

2800

LS: wht-tan-gry, vfxln, dense, chalky, NS

SH: blk, carb

QUEEN HILL 2817 (-1040)

LS: crm-gry, vfxln, dense, chalky, NS w/abund gry shale

LS & SH: as above

2850

SH: blk-gry

LS: crm-tan, fxln, ool in pt, sl foss, sl chalky, NS

LS: as above

LS: as above

SH: blk-gry

2900

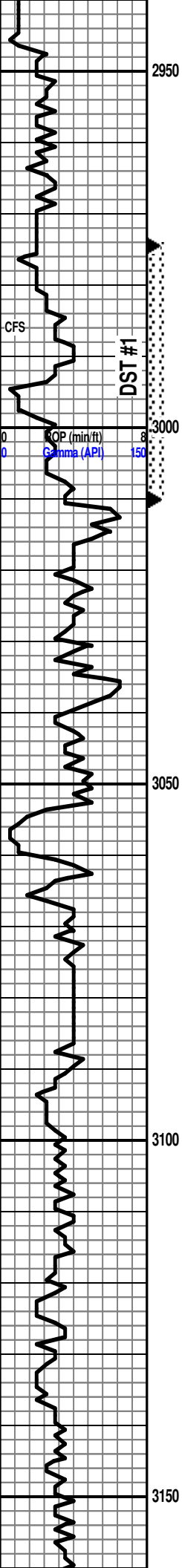
SH: blk-gry-grn

HEEBNER 2898 (-1121)

SH: as above

LS: crm-tan, fxln, foss, sl chalky, dense, NS

LS: as above



SH: gry-grn-brn-red-blk

LANSING 2951 (-1174)

LS: wht-tan, vfxln, dense, cherty, NS

① LS: crm-gry, fxlN, foss, pr-fr ppt por, ssfo, spotty stn, fr odor

SH: gry-grn-blk

① LS: crm-tan-gry, fxlN, foss in pt, fr-pr ppt por, ssfo, spotty stn, fr odor

SH: gry-grn-brn

● LS: wht-tan, fxlN, oolic, fr-gd ppt & vug por, sl foss, fsfo, gd even stn, str odor

① LS: crm-gry, fxlN, oolitic in pt, mostly dense, ssfo, spotty stn, fr odor

LS: wht-tan-gry, vfxln, dense, NS w/abund gry-grn shale

LS & SH: as above

LS: crm-brn-gry, vfxln, sl foss, dense, NS

LS: crm-gry, fxlN, oolic, dense to oomold por, NS

LS: crm-tan, vfxln, dense, NS

LS: as above

SH: blk, carb

MUNCIE CRK 3092 (-1315)

LS: crm-tan-gry, vfxln, dense, NS

LS: tan-brn, vfxln, dense, sl chalky, NS

SH: gry-grn-rust

○ LS: crm-tan-gry, fxlN, oolitic, dense, ssfo, sl edge stn, sl odor

LS: crm-tan, vfxln, dense, sl chalky, NS

○ LS: wht-tan, fxlN, dense, sl chalky, nsfo, sl edge stn, sl odor

DST #1 2974-3010 (LKC "C-D")

15:30:15:30

IF: Wk surface blow died in 10 min, no return

FF: No blow, no return

Recovery: 2' Mud w/show of oil

IHP: 1431 FHP: 1414

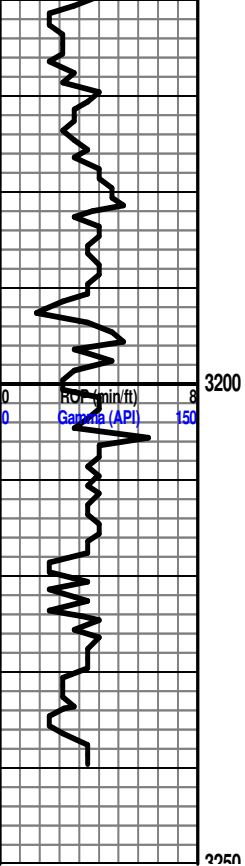
IFP: 22-28 ISIP: 146

FFP: 29-31 FSIP: 58

BHT - 97 F

Strap @ 3110' - 1.51' short to board

Survey @ 3110' - 1/2 degree



- LS: wht-tan, fxl'n, oolitic, pr ppt por, ssfo on brk, spotty str, sl odor
- SH: gry-grn-blk
- ▷ LS: wht-tan-gry, vfxln, dense, sl oolitic, sl chalky, nsfo, tr dead str, no odor
- SH: blk, carb
- LS: wht-tan, fxl'n, oolitic, dense, pr int-ool por, ssfo on brk, sl edge str, sl odor
- LS: wht-tan-gry, vfxln, dense, NS
- LS: as above
- SH: gry-grn-rust-brn
- LS: crm-tan, vfxln, cherty, dense, NS
- LS: as above w/blk-gry-red shale
- RTD - 3240'**

BKC 3218 (-1441)