

KANSAS CORPORATION COMMISSION
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

ORIGINAL

OPERATOR: License # 30555
Name: John Herrick
Address 1: 3553 Oregon
Address 2: _____
City: Ottawa State: KS Zip: 66067 + _____
Contact Person: John Herrick
Phone: (785) 242-6423
CONTRACTOR: License # 5682
Name: Hughes Drilling
Wellsite Geologist: none
Purchaser: Pacer Energy

API No. 15 - 059 25 953 -0000
Spot Description: SW/4 NW/4 NE/4 SE/4
SW-NW-NE-SE Sec. 6 Twp. 17 S. R. 21 East West
1990 Feet from North / South Line of Section
665 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Franklin
Lease Name: Landry Well #: 3W
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: Est 923 Kelly Bushing: n/a
Total Depth: 769 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 20 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.

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 Gas D&A KENHR 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 #: _____
4/27/12 4/30/12 5/1/12
Spud Date or Date Reached TD Completion Date or Recompletion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: n/a ppm Fluid volume: n/a 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 #: _____
RECEIVED
JUN 25 2012

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.
Signature: [Signature]
Title: Partner Date: 5/19/12

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: Dlg Date: 5/16/12

Operator Name: John Herrick Lease Name: Landry Well #: 3W
 Sec. 6 Twp. 17 S. R. 21 East West County: Franklin

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 checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: <p style="text-align: center;">Gamma Ray Neutron</p>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Base of Hertha</td> <td></td> <td>371</td> </tr> <tr> <td>1st Squirrel</td> <td></td> <td>643-659</td> </tr> <tr> <td>2nd Squirrel</td> <td></td> <td>701-712</td> </tr> <tr> <td>3rd Squirrel</td> <td></td> <td>718-723</td> </tr> <tr> <td>TD</td> <td></td> <td>769</td> </tr> </table>	Name	Top	Datum	Base of Hertha		371	1st Squirrel		643-659	2nd Squirrel		701-712	3rd Squirrel		718-723	TD		769
Name	Top	Datum																	
Base of Hertha		371																	
1st Squirrel		643-659																	
2nd Squirrel		701-712																	
3rd Squirrel		718-723																	
TD		769																	

CASING RECORD <input type="checkbox"/> New <input checked="" 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
Surface	7"	5 5/8"		22 ft.	portland	5	
Production	5 5/8"	2 3/8"		752 ft.	50/50 Poz	106	

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				

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
2	702-708	spot acid on perfs and	
	718-722	breakdown with 500 gallons of	
		acid	

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) _____
Waiting on KCC approval for injection

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
					28

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 checked="" 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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CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 36711

LOCATION Ottawa KS

FOREMAN Fred Maden

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
5/3/12	3554	handry #3 W	NE6	17	21	FR
CUSTOMER John Herrick						
MAILING ADDRESS 3553 Oregon Rd						
CITY Ottawa		STATE KS	ZIP CODE 66067			
		TRUCK #		DRIVER	TRUCK #	DRIVER
		506		FREMAD	Safety	MK
		495		HARBEC	YB	J
		369		DERMAS	DM	
		510		SETTUC	ST	

JOB TYPE Log string HOLE SIZE 5 9/8 HOLE DEPTH 770' CASING SIZE & WEIGHT 2 3/8 EUE
 CASING DEPTH 750' DRILL PIPE 1 1/2 in TUBING @ 7.53 OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 4' x 2" Ply
 DISPLACEMENT 3 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Establish circulation. Mix Pump 100# Gel Flush. Mix Pump
 106 SKS 50/50 Por Mix Cement 2% Gel. Cement to Surface.
 Flush pump + lines clean. Displace 2" Rubber Ply to
 pin in casing. Pressure to 700# PSI. Hold & Monitor
 pressure for 30 min MIT. Shut in casing.

Hughes Drilling

Fred Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1032 ⁰⁰
5406	15 mi	MILEAGE	495	60 ⁰⁰
5402	757	Casing footage.		NIC
5407	1/2 Mix Pump	Ten Miles	510	175 ⁰⁰
5502A	1 1/2 hr	50 BBL Vac Truck	369	135 ⁰⁰
1124	106 SKS	50/50 Por Mix Cement.		1160 ⁷⁰
118B	278 #	Promerchel		5838
4401	1	2" Rubber Ply		28 ⁰⁰
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				KCC WICHITA
			7.88	SALES TAX
				ESTIMATED
				TOTAL
				2744 ³⁴

Form 8787

AUTHORIZATION

[Signature]

249579

TITLE

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 as "_____".

HUGHES DRILLING REPORT

Sec. 6, Twp. 17, Rng. 21
 Franklin Co., Kansas
 1990 FSL 665 FEL
 API # 15-059-25953-0000

Well No. 3W
 Farm Landry
 SURFACE CASING
 Size 7"
 Feet 22.25
 Circulated 7 sx cement

PERMANENT CSG.
 Size 2 3/8 Bcl EUE
 Feet 752.60 Bolt at 748.60

T. D. at Completion 769
 Contractor HUGHES DRILLING CO.

OPERATOR John Herrick

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
4/27/12	0	2	Soil	① 21.5-21.5
	2	5	clay	② 22.5-44.0
22	5	12	Lime	③ 22.5-66.5
5' 11"	12	23	shale	④ 22.5-89.0
5' 8" POC	23	26	Lime	⑤ 22.5-111.5
4/30/12	26	28	shale	⑥ 22.5-134.0
	28	47	Lime	⑦ 22.5-156.5
	47	70	Shale (Red bed 53-55)	⑧ 22.5-179.0
	70	89	Lime	⑨ 22.5-201.5
	89	124	Gray sand	⑩ 22.5-224.0
	124	181	shale	⑪ 22.5-246.5
	181	201	Lime	⑫ 22.5-269.0
	201	228	shale (Brk 216-222)	⑬ 22.5-291.5
	228	233	Lime	⑭ 22.5-314.0
	233	269	shale	⑮ 22.5-336.5
	269	283	Lime (Brk 279-281)	⑯ 22.5-359.0
	283	300	shale	⑰ 22.5-381.5
30'	300	325	Lime	⑱ 22.5-404.0
	325	333	shale (slate 326-327)	⑲ 22.5-426.5
20"	333	355	Lime	⑳ 22.5-449.0
	355	359	shale (slate 355-356)	㉑ 22.5-471.5
	359	363	Lime	㉒ 22.5-494.0
	363	365	shale	㉓ 22.5-516.5
"Hertha"	365	371	Lime	㉔ 22.5-539.0
	371	475	shale (Brk 375-382)	㉕ 22.5-561.5
	475	480	gray sand	㉖ 22.5-584.0
	480	507	shale	㉗ 22.5-606.5

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2
3	Clay	5
7	Lime	12
11	Shale	23
3	Lime	26
2	Shale	28
19	Lime	47
23	Shale	70
19	Lime	89
35	Gray sand	124
57	Shale	181
20	Lime	201
27	Shale	228
5	Lime	233
36	Shale	269
14	Lime	283
7	Shale	300
30'	25 Lime	325
	8 Shale	333
20'	22 Lime	355
	4 Shale	359
	4 Lime	363
	2 Shale	365
"Hertha"	6 Lime	371
104	Shale	475
5	Col Sand	480
46	Shale	526
4	Lime	530
18	Shale	548
2	Lime	550
3	Shale	553
15	Gray sand	568
13	Shale	581
13	Lime	594
10	Shale	604
4	Lime	608
8	Shale	616
8	Lime	624
4	Shale	632
4	Lime	641
2	Shale	643

Drillers: Isaac Burbank
 Eric Schulz

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KCC WICHITA

HUGHES DRILLING REPORT

Well No. 3W Size _____
 Farm Landry Feet _____
 _____ sx cement

PERMANENT CSG.
 Size 2 3/8 Brl EVE
 Feet 752.60 Bolt at 748.60

T. D. at Completion 769
 Contractor HUGHES DRILLING CO.

OPERATOR John Hendrick

Franklin Co., Kansas
 1990 FSL 665 FEL
 API # 15-089-25953-0000

STRATA THICKNESS	FORMATION DRILLED	T.D.
#1 sq. 16	Sand	659
32	Shale	691
1	Lime	692
8	Shale	700
1	Lime	701
#2 sq. 14	Sand	712
6	Shale	718
#3 sq. 5	Sand	723
46	Shale	769
		T.D.

DATE	DRILLED		REMARKS - TYPE WELL DRILLING REF.	PIPE TALLY
	FROM	TO		
4/30/12	507	509	Reel Reel	(28) 22.5 - 629.0
	509	526	Shale (BRK 509-526)	(29) 22.5 - 651.5
	526	530	Lime	(30) 22.5 - 674.0
	530	548	Shale (BRK 545-548)	(31) 22.5 - 696.5
	548	550	Lime	(32) 22.5 - 719.0
	550	553	Shale	(33) 22.5 - 741.5
	553	568	Gray sand	(34) 22.5 - 764.0
	568	591	Shale	
	591	594	Lime	
	594	604	Shale	
	604	608	Lime	
	608	616	Shale (Slate 608-609)	
	616	624	Lime (Broken)	
	624	632	Shale	
	632	641	Lime (Broken 632-635) (Some Bleeding)	635-637
	641	643	Shale	
#1 squirrel	643	659	Sand (Remarks pg. 3)	
	659	691	Shale	
	691	692	Lime	
	692	700	Shale	
	700	701	Lime	
#2 squirrel	701	712	Sand	
	712	718	Shale (Remarks pg. 4)	
#3 squirrel	718	723	Sand	
740	723	769	Shale (BRK 743-746)	
5/1/12			T.D.	

S-1-12 set 752.60' of 2 3/8 Brl EVE
 Bolt at 748.60
 used 3 centralizers

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 KCC WICHITA