

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 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

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 #: _____
5/3/12 5/8/12 5/9/12
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 059 25 952 -0000
Spot Description: SE/4 NW/4 NE/4 SE/4
SE NW NE SE Sec. 6 Twp. 17 S. R. 21 East West
2305 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 #: 2W
Field Name: Paola-Rantoul
Producing Formation: Squirrel
Elevation: Ground: Est 923 Kelly Bushing: n/a
Total Depth: 762 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.

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 #: _____

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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: 6/19/12

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: 7/5/12

Operator Name: John Herrick Lease Name: Landry Well #: 2W
 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 Yes No
(Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No

Electric Log Submitted Electronically Yes No
(If no, Submit Copy)

List All E. Logs Run:
 Gamma Ray Neutron

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Base of Hertha		365
1st Squirrel	638-651	
2nd Squirrel	694-705	
3rd Squirrel	710-716	
TD		762

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"		746 ft.	50/50 Poz	105	

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	697-703	spot acid on perfs and	
	715-715	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 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

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

FIELD TICKET & TREATMENT REPORT

CEMENT

TICKET NUMBER 36892

LOCATION Ottawa, KS

FOREMAN Casey Kennedy

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/11/12	3554	Landy # W-2	NE 6.	17	21	FR
CUSTOMER John Herrick						
MAILING ADDRESS 3553 Oregon Rd						
CITY Ottawa		STATE KS	ZIP CODE 66067			
TRUCK #	DRIVER	TRUCK #	DRIVER			
491	Casper	CK				
666	Gar Moo	GM				
548	Mik Haas	MH				
675	Kei Det	KD				

JOB TYPE long string HOLE SIZE 5 7/8" HOLE DEPTH 756' CASING SIZE & WEIGHT 2 3/8" EUE
 CASING DEPTH 746' DRILL PIPE _____ TUBING pin - 742' OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT IN CASING 2" plug
 DISPLACEMENT 2.9 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE 5.6 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 100 # Premium Gel followed by 10 bbls fresh water, mixed & pumped 105 sks 50/50 Pozmix cement w/ 2% gel per sk, cement to surface, flushed pump clean, pumped 2" rubber plug to pin w/ 2.9 bbls fresh water, pressured to 800 PSI, well held pressure for 30 min MIT, shut in casing.

[Handwritten signature]

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		1030.00
5406	15 mi	MILEAGE		60.00
5462	746'	casing footage		
5407	1/2 minimum	for mileage		175.00
5502c	1.5 hrs	80 Vac		135.00
1124	105 sks	50/50 Pozmix cement		1149.75
11188	276 #	Premium Gel		57.96
4401	1	2" rubber plug		28.00
				RECEIVED
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				KCC WICHITA
				7.8%
SALES TAX				96.38
ESTIMATED TOTAL				2732.09

Form 3787

[Handwritten number] 249854

AUTHORIZATION _____ 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 on this form

Sec. 6, Twp. 17, Rng. 21
 FR. Co., Kansas
 2305 FSL 665 FEL
 API # 15-059-25952

HUGHES DRILLING REPORT

Well No. 2 W
 Farm Landry
 SURFACE CASING
 Size.....
 Feet.....
 Circulated 7 sx cement

PERMANENT CSG.
 Size 2 3/8" 8rd EUE
 Feet set 746.90 of pipe
bolt at 742.90
 T. D. at Completion 762
 Contractor HUGHES DRILLING CO.

OPERATOR John Herrick

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
5/3/12	0	2	Soil	(1) 21.5-21.5
22'	2	3	Clay	(2) 22.5-44.0
5/8/12	3	7	Lime	(3) 22.5-66.5
5 ³ / ₈	7	15	Shale	(4) 22.5-89.0
PDL	15	16	Lime	(5) 22.5-111.5
	16	21	Shale	(6) 22.5-134.0
	21	39	Lime	(7) 22.5-156.5
	39	52	Shale	(8) 22.5-179.0
	52	60	Sand	(9) 22.5-201.5
	60	66	Shale	(10) 22.5-224.0
	66	82	Lime	(11) 22.5-246.5
	82	110	Sand	(12) 22.5-269.0
	110	174	Shale	(13) 22.5-291.5
	174	194	Lime	(14) 22.5-314.0
	194	208	Gray Sand	(15) 22.5-336.5
	208	222	Shale (Red Br: 217-222)	(16) 22.5-359.0
	222	227	Lime	(17) 22.5-381.5
	227	260	Shale	(18) 22.5-404.0
	260	275	Lime	(19) 22.5-426.5
	275	292	Shale	(20) 22.5-449.0
30'	292	316	Lime	(21) 22.5-471.5
	316	327	Shale (State: 317-318)	(22) 22.5-494.0
20'	327	348	Lime	(23) 22.5-516.5
	348	353	Shale (State: 348-349)	(24) 22.5-539.0
	353	357	Lime	(25) 22.5-561.5
	357	359	Shale	(26) 22.5-584.0
"Herrick"	359	365	Lime	(27) 22.5-606.5

STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2
1	Clay	3
4	Lime	7
8	Shale	15
1	Lime	16
5	Shale	21
18	Lime	39
13	Shale	52
8	Sand	60
6	Shale	66
16	Lime	82
28	Sand	110
64	Shale	174
20	Lime	194
14	Gray Sand	208
14	Shale	222
5	Lime	227
33	Shale	260
15	Lime	275
17	Shale	292
30'	24	Lime 316
	11	Shale 327
20'	21	Lime 348
	5	Shale 353
	4	Lime 357
	2	Shale 359
"Herrick"	6	Lime 365
	101	Shale 416
	6	Gr Sand 422
	40	Shale 514
	9	Lime 523
	16	Shale 539
	15	Gray S. 554
	18	Shale 572
	8	Lime 580
	16	Gray Sand 596
	4	Lime 600
	25	Shale 625
	10	Lime 635
	3	Shale 638
#1.59	13	Wood 651

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HUGHES DRILLING REPORT

Well No. 2W
Farm Landry

SURFACE CASING
Size.....
Feet.....
Circulated _____ ex cement

PERMANENT CSG.
Size 2 3/8" Bld EVE
Feet Set 746.90 of pipe
Bolt at 742.90

T. D. at Completion 762
Contractor HUGHES DRILLING CO.

OPERATOR John Herrick

STRATA THICKNESS	FORMATION DRILLED	T.D.
23	Shale	684
1	Lime	685
8	Shale	693
1	Lime	694
11	sand	705
5	Shale	710
6	sand	716
20	Shale	736
1	Lime	737
8	Shale	745
1	Lime	746
16	Shale	762
		T.D.

DATE	DRILLED		REMARKS - TYPE WORK - BILLING REF.	PIPE TALLY
	FROM	TO		
5/8/12	365	466	Shale (Broken 368-373)	(28) 22.5-624.0
	466	472	Gray Sand	(8) 22.5-651.5
	472	514	Shale (Broken 501-505)	(30) 22.5-674.0
	514	523	Lime	(31) 22.5-696.5
	523	539	Shale (BRK 526-528)	(32) 22.5-719.0
	539	554	Gray Sand	(53) 22.5-741.5
	554	572	Shale (Slate 566-567)	
	572	580	Lime	
	580	596	Gray Sand	
	596	600	Lime	
	600	625	Shale (BRK 609-619)	
	625	655	Lime (BRK 627-630) (oil bleeding)	
	655	638	Shale	
	#1 Squirt	638	651 sand (remarks pg. 3)	
		651	684 shale	
		684	685 Lime	
		685	693 shale	
		693	694 Lime (sdy)	
	#2 Squirt	694	705 sand (remarks pg. 4)	
		705	710 shale	
	#3 Squirt	710	716 sand	
		716	736 shale	
	740	736	737 Lime	
5/9/12		737	745 Shale	
		745	746 LIME	
		746	762 Shale	
			T.D.	

5/9/12 Set 746.90 of 2 3/8 Bld EVE
Bolt at 742.90
Used 3 centralizers

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