

Residential Gas Well

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 July 2014

Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 35565 Name: Larry & Donna Pearce Address 1: 20315 S. Gardner Address 2: City: Gardner State: KS Zip: 66030 Contact Person: Larry Pearce Phone: (913) 856-8502 CONTRACTOR: License # 33715 Name: Town Oilfield Service Wellsite Geologist: NA Purchaser: NA

Designate Type of Completion:

- New Well  Re-Entry  Workover  Oil  WSW  SWD  SLOW  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  Dual Completion  SWD  ENHR  GSW Permit #: Permit #: Permit #: Permit #:

5/8/2018 5/9/2018 5/9/2018 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 091-24496-00-00

Spot Description: SW/4 of the Sec.12 Twp.15S R.22E

SW\_NW\_SW Sec. 12 Twp. 15 S. R. 22 East West

1,601 Feet from North / South Line of Section

4,950 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE  NW  SE  SW

GPS Location: Lat: 38.7573685 Long: -94.9257423 (e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: Johnson

Lease Name: Pearce Well #: G-1

Field Name: Paola-Rantoul

Producing Formation: Bartlesville

Elevation: Ground: 1081 Kelly Bushing: 0

Total Vertical Depth: 760 Plug Back Total Depth: 0

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: 20 w/ 4 sx cmt.

Received

KANSAS CORPORATION COMMISSION

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

MAY 29 2018

Chloride content: ppm Fluid Volume: bbls

Dewatering method used: CONSERVATION DIVISION WICHITA, KS

Location of fluid disposal if hauled offsite:

Operator Name:

Lease Name: License #:

Quarter Sec. Twp. S. R. East West

County: Permit #:

INSTRUCTIONS: The original 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. If confidentiality is requested and approved, side two of this form will be held confidential for a period of 2 years. Rules 82-3-130, 82-3-106 and 82-3-107 apply. Drill Stem Test, Cement Tickets and Geological Well Report must be attached.

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: [Handwritten Signature]

Title: [Handwritten Title] Date: 5/24/18

KCC Office Use ONLY

- Confidentiality Requested Date:  Confidential Release Date:  Wireline Log Received  Geologist Report Received  UIC Distribution ALT  I  II  III Approved by: [Signature] Date: 5-30-2018

Operator Name: Larry & Donna Pearce Lease Name: Pearce Well #: G-1  
 Sec. 12 Twp. 15 S. R.22  East  West County: Johnson

**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](mailto: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 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum NA NA NA
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CASING RECORD <input checked="" 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
Surface	9	7	10	<del>749</del> 20	Portland	4	50/50 POZ
Completion	5.6250	2.8750	8	20 <del>749</del>	Portland	110	50/50 POZ

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
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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Johnson County, KS  
 Well: Pearce G-1  
 Lease Owner: Larry Donna Pearce

Town Oilfield Service, Inc.  
 (913) 294-2125

Commenced Spudding:  
 5/8/2018

WELL LOG

Received  
 KANSAS CORPORATION COMMISSION

MAY 29 2018

Thickness of Strata	Formation	Total
0-12	Soil-Clay	12
22	Lime	34
6	Shale	40
9	Lime	49
8	Shale	57
21	Lime	78
15	Shale	93
26	Lime	119
59	Shale	178
7	Lime	185
13	Shale	198
15	Lime	213
26	Shale	239
5	Lime	244
4	Shale	248
10	Lime	258
35	Shale	293
2	Lime	295
12	Shale	307
24	Lime	331
6	Shale	337
4	Shale & Lime	341
20	Lime	361
4	Shale	365
4	Lime	369
6	Shale	375
6	Lime	381
5	Shale	386
5	Sand	391
6	Sandy Shale	397
135	Shale	532
1	Lime	533
1	Shale	534
5	Sandy Lime	539
1	Lime	540
21	Shale	561
5	Lime	566
3	Shale	569
2	Lime	571
8	Shale	579

CONSERVATION DIVISION  
 WICHITA, KS



# Short Cuts

## TANK CAPACITY

BBLs. (42 gal.) equals  $D^2 \times .14 \times h$   
D equals diameter in feet.  
h equals height in feet.

## BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals  $BPH \times PSI \times .0004$

BPH - barrels per hour  
PSI - pounds square inch

## TO FIGURE PUMP DRIVES

- \* D - Diameter of Pump Sheave
- \* d - Diameter of Engine Sheave
- SPM - Strokes per minute
- RPM - Engine Speed
- R - Gear Box Ratio
- \*C - Shaft Center Distance

D -  $RPM \times d$  over  $SPM \times R$   
d -  $SPM \times R \times D$  over RPM  
SPM -  $RPM \times D$  over  $R \times D$   
R -  $RPM \times D$  over  $SPM \times D$

$$\text{BELT LENGTH} = 2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$$

\* Need these to figure belt length

TO FIGURE AMPS:  $\frac{\text{WATTS}}{\text{VOLTS}} = \text{AMPS}$

746 WATTS equal 1 HP

# Log Book

Well No. G-1

Farm Pearce

KS Johnson  
(State) (County)

12 15 22  
(Section) (Township) (Range)

For Larry & Donna Pearce  
(Well Owner)

15-091-24496

## Town Oilfield Services, Inc.

1207 N. 1st East  
Louisburg, KS 66053  
913-710-5400

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KANSAS CORPORATION COMMISSION

MAY 29 2018

CONSERVATION DIVISION  
WICHITA, KS

Pearce Farm: Johnson County

KS State; Well No. G-1

Elevation 1081

Commenced Spudding 5-8 20 18

Finished Drilling 5-9 20 18

Driller's Name Wesley Dillard

Driller's Name Ryan Ward

Driller's Name

Tool Dresser's Name

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

12 15 22

(Section) (Township) (Range)

Distance from S line, 1601 ft.

Distance from E line, 4950 ft.

4 sacks  
9 hrs  
5 5/8 borehole  
2 7/8 casing

CASING AND TUBING RECORD

10" Set \_\_\_\_\_ 10" Pulled \_\_\_\_\_

8" Set \_\_\_\_\_ 8" Pulled \_\_\_\_\_

7 1/2" Set 20 6 1/4" Pulled \_\_\_\_\_

4" Set \_\_\_\_\_ 4" Pulled \_\_\_\_\_

2" Set \_\_\_\_\_ 2" Pulled \_\_\_\_\_

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
717.	90				
		Borehole			
749.	40				
		Float 2 7/8			
760	TD				

Thickness of Strata	Formation	Total Depth	Remarks
0-12	soil-clay	12	
22	Lime	34	
6	Shale	40	
9	Lime	49	
8	Shale	57	
21	Lime	78	
15	Shale	93	redbed
26	Lime	119	
59	Shale	178	
7	Lime	185	
13	Shale	198	
15	Lime	213	
26	Shale	239	233-236 redbed
5	Lime	244	
4	Shale	248	
10	Lime	258	
35	Shale	293	
2	Lime	295	
12	Shale	307	
24	Lime	331	
6	Shale	337	
4	Shale & Lime	341	
20	Lime	361	
4	Shale	365	
4	Lime	369	
6	Shale	375	
6	Lime	381	Harding

Received  
 KANSAS CORPORATION COMMISSION  
 MAY 29 2018  
 CONSERVATION DIVISION  
 WICHITA, KS

381

Thickness of Strata	Formation	Total Depth	Remarks
5	Shale	386	
5	sand	391	little gas - tested 0 psi
6	sandy shale	397	grey
135	shale	532	
1	lime	533	
1	shale	534	
5	sandy lime	539	little gas - tested 0 psi
1	lime	540	
21	shale	561	
5	lime	566	
3	shale	569	
2	lime	571	
8	shale	579	
8	lime	587	
17	shale	604	
3	lime	607	
11	shale	618	
7	lime	625	
17	shale	642	
1	lime	643	
8	shale	651	
1	lime	652	
1	shale	653	
1	lime	654	
2	shale	656	
1	lime	657	
13	shale	670	

-4-

-5-

0-11-1941  
 10-1-1941  
 10-1-1941  
 10-1-1941







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

TICKET NUMBER 54012

LOCATION Chanute, KS

FOREMAN Carey Kennedy

FIELD TICKET & TREATMENT REPORT  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/9/18		Pearce # G-1	SW 12	15	22	JO
CUSTOMER Larry Pearce			TRUCK # DRIVER TRUCK # DRIVER			
MAILING ADDRESS 20315 S. Gardner Rd			709	Casken	✓ Sable	Meeting
CITY STATE ZIP CODE Gardner KS 666030			495	Herba	✓	
			548	AbMad	✓	
			675	KenDot	✓	

JOB TYPE long string HOLE SIZE 5 5/8" HOLE DEPTH 7100' CASING SIZE & WEIGHT 2 7/8" EUE  
 CASING DEPTH 749' DRILL PIPE \_\_\_\_\_ TUBING baffle - 717' OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.2 # SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 30'  
 DISPLACEMENT 4.15 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200 # Gel followed by 5 bbls fresh water, mixed & pumped 110 #s Pozblend 1A cement w/ 2% gel & 1/4 # Floxal per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to baffle w/ 4.15 bbls fresh water, pressured to 800 PSI, released pressure to set float.

*[Handwritten signature]*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	
CE0002	30 mi	MILEAGE	214.50	
CE0711	min	ten mileage	600.00	
WE0853	2 hrs	80 Vac	200.00	
		trucks	2574.50	
		- 30%	772.35	
		subtotal		1802.15
CC5840	110 sks	Pozblend 1A cement	1485.00	
CC5965	385 #	Gel	115.50	
CC10075	28 #	Floxal	56.00	
CP8176	1	2 1/2" rubber plug	45.00	
		materials	1701.50	
		- 30%	510.45	
		subtotal		1191.05
		* Paid on location		
		Check # 8510 - \$ 3089.19		
		Thank You		

Revin 9737

Received  
KANSAS CORPORATION COMMISSION

MAY 29 2018

TITLE CONSERVATION DIVISION  
WICHITA

7.975%

SALES TAX 95.99  
ESTIMATED TOTAL 3089.19  
DATE (4411.109)

AUTHORIZATION \_\_\_\_\_

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.