Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1268798

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 # 30878
Name: Ressler Well Service, Inc.
Address 1: PO BOX 525
Address 2:
City: BURRTON State: KS Zip: 67020 + 0525
Contact Person: Larry Ressler
Phone: (620) 664-0597
CONTRACTOR: License # 33902
Name: Hardt Drilling LLC
Wellsite Geologist: Terry McLeod
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 #:

10/01/2015	10/10/2015	10/10/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-095-22300-00-00
Spot Description:
NE - SW - SW - NE Sec. 10 Twp. 30 S. R. 8 ☐ East ☑ West
2975 Feet from ☐ North / ☑ South Line of Section
2120 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: Kingman
Lease Name: McLeod Well #: 10-1
Field Name: Spivey-Grabs Basil
Producing Formation: N/A
Elevation: Ground: 1501 Kelly Bushing: 1511
Total Vertical Depth: 5280 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 207 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: 5000 ppm Fluid volume: 800 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:** NAOMI JAMES **Date:** 10/26/2015

1268798

Operator Name: Ressler Well Service, Inc. Lease Name: McLeod Well #: 10-1

Sec. 10 Twp. 30 S. R. 8 ☐ East ☑ West County: Kingman

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:

Neutron Density
Induction
Micro

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

Name	Top	Datum
Lansing	3402	-1891
Mississippi	4156	-2645

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	12.50	8.625	28	210	60/40 Poz	200	3%CC-2%gel

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

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

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:
_____
_____

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

BASIC energy services, L.P.

TREATMENT REPORT

Customer	Ressler Well Service	Lease No.		Date	10-1-2015		
Lease	McLeod	Well #	10-1				
Field Order #	12377	Station	Pratt KS	Casing 8 5/8	Depth 222	County Kinsman	State KS
Type Job	CIVW / 8 5/8 Surface			Formation FORT 7		Legal Description 10-30-8	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 222	Depth	From	To	Pre Pad	Max		5 Min.
Volume 4	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 207	Packer Depth	From	To	Flush Freshwater	Gas Volume		Total Load

Customer Representative	Larry Ressler	Station Manager	Kevin Gordon	Treater	Dean Franklin						
Service Units	32911	31982	26779	20559	23768						
Driver Names	Dylan	Shawn		Alex							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:30pm					On location / Safety meeting
3:45pm	200		3	6	Pump 3 bbls water
	200		43	6	mix 200sx 60/40 poz
4:00pm	200		13	6	Displace 13 bbls water
					Shut in
					Cement did Circulate
					Job complete / Derrick crew
					Thank you!!!

Taylor Printing, Inc. 620-672-3656

BASiC energy services, L.P.

TREATMENT REPORT

Customer	Lease No.	Date
Red Stan well [illegible]		10-10-15

Lease	Well #
[illegible]	10-1

Field Order #	Station	Casing	Depth	County	State
12902	Pratt	D.P.		Kingman	KS

Type Job	Formation	Legal Description
CNW P.T.A.		10-30-8

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME			
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager	Treater
	Dave Scott	[illegible]

Service Units	37900	33708	20920	19960	19862					
Driver Names	Gilliard	Nystrom		Ba[illegible]						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:00					on L[illegible]
					Set Plug @ 1250' w/ 35 sk 60/40 poz
4:30				3.5	[illegible]
			7		cmt
4:40			10		Disp [illegible]
					Plug @ 750' w/ 35 sk
					[illegible]
			7		cmt
			4		Disp
					Plug @ 250' w/ 35
					[illegible]
			9		cmt
			1		Disp
			6		Plug Top @ [illegible] w/ 25 sk
6:00			7		Plug RH w/ 30 sk
					Job Complete
					Thanks
					2,700.61

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

Taylor Printing, Inc. 620-672-3656

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Ressler Well service

PO Box 525
Burrton, KS 67020

ATTN: Terry Mcleod

10-30S-8W Kingman

Mcleod 10-1

Job Ticket: 57912 **DST#: 1**

Test Start: 2015.10.08 @ 22:53:29

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:12:29
Time Test Ended: 06:23:14

Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74

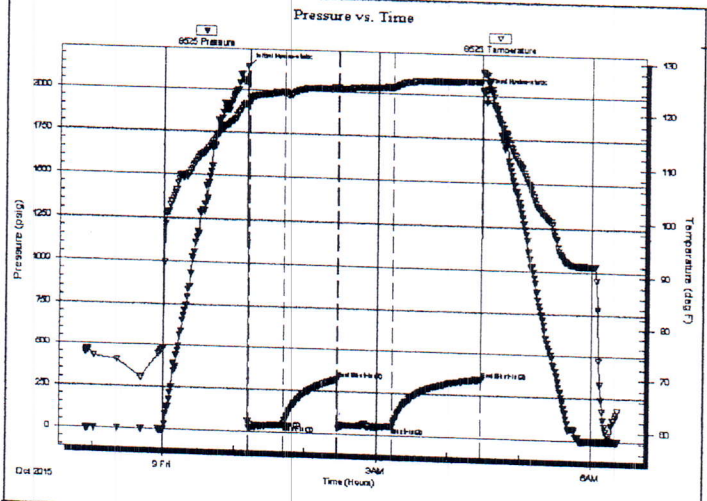
Interval: 4156.00 ft (KB) To 4185.00 ft (KB) (TVD)
Total Depth: 4185.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1510.00 ft (KB)
1501.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8525 **Inside**
Press@RunDepth: 52.09 psig @ 4157.00 ft (KB)
Start Date: 2015.10.08 End Date: 2015.10.09
Start Time: 22:53:29 End Time: 06:23:14

Capacity: 8000.00 psig
Last Calib.: 2015.10.09
Time On Btm: 2015.10.09 @ 01:10:44
Time Off Btm: 2015.10.09 @ 04:28:29

TEST COMMENT: IF: Strong Blow, BOB in 1 minute
ISI: No Blow Back
FF: Strong Blow, BOB in 10 seconds
FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2141.24	120.55	Initial Hydro-static
2	23.70	121.62	Open To Flow (1)
31	45.19	123.06	Shut-In(1)
77	321.87	124.16	End Shut-In(1)
77	34.33	123.86	Open To Flow (2)
122	52.09	124.50	Shut-In(2)
197	346.62	126.03	End Shut-In(2)
198	2031.29	127.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	636 GIP	0.00
120.00	SOGCM 6%G 2%O 92%M	0.59

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Ressler Well service

PO Box 525
Burrton, KS 67020

ATTN: Terry Mcleod

10-30S-8W Kingman

Mcleod 10-1

Job Ticket: 57913 **DST#: 2**

Test Start: 2015.10.09 @ 14:15:31

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:38:31
Time Test Ended: 22:01:16

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74

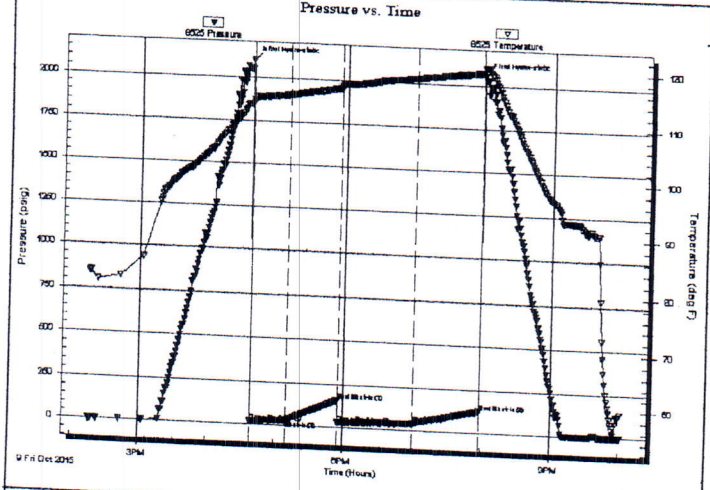
Interval: **4186.00 ft (KB) To 4220.00 ft (KB) (TVD)**
Total Depth: 4220.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1510.00 ft (KB)
1501.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8525 Inside
Press@RunDepth: 43.02 psig @ 4187.00 ft (KB)
Start Date: 2015.10.09 End Date: 2015.10.09
Start Time: 14:15:31 End Time: 22:01:16

Capacity: 8000.00 psig
Last Calib.: 2015.10.09
Time On Btm: 2015.10.09 @ 16:37:46
Time Off Btm: 2015.10.09 @ 19:58:46

TEST COMMENT: IF: Weak Blow , Built to 4 inches
ISI: No Blow Back
FF: Weak 1/4 inch Blow
FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2097.68	112.72	Initial Hydro-static
1	18.98	113.04	Open To Flow (1)
32	31.10	114.52	Shut-In(1)
77	159.67	115.99	End Shut-In(1)
78	28.88	116.27	Open To Flow (2)
142	43.02	118.30	Shut-In(2)
201	129.80	119.61	End Shut-In(2)
201	2051.32	120.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	235 GIP	0.00
5.00	SGCM 5%G 95%M	0.02

* Recovery from multiple tests

Gas Rates

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