



KANSAS CORPORATION COMMISSION 1052659  
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: \_\_\_\_\_



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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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# QUEST

Resource Corporation



AFE # D10071

211 W. 14TH STREET,  
CHANUTE, KS 66720  
620-431-9500

231

TICKET NUMBER

6995

FIELD TICKET REF #

FOREMAN Joe Blanchard

SSI

API

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
11-24-10	Fawl Harold 12-2			12	28	16	WL
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	6:00	1:30		904850		7.5	Joe Blanchard
Chris Middle	6:00	1:30		903197			Chris Middle
Tina Walker	6:00	1:30		931300/932885			Tina Walker
Mark Huff	6:00	1:30		903206			Mark Huff
Conrad Collins	6:00	1:30		931505	931395		Conrad Collins

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 1379 CASING SIZE & WEIGHT 5 1/2 16#  
 CASING DEPTH 1373.29 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 32.69 DISPLACEMENT PSI 750 MIX PSI 350 RATE 46pm

REMARKS:

washed 15 Ft 5 1/2 in hole swept 4 SKS gel to surface. Installed cement head RAW 22 bbl dye & 180 SKS of cement to get dye to surface. Flush Pump. Pump wiper plug to bottom & set float shoe.

Starting casing at 8:30 AM. Loaded casing 11:15 AM. started cement at 12 PM left location 1:00 PM.

Cement to Surface.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	7.5 hr	Foreman Pickup	
903197	hr	Cement Pump Truck	
903206	hr	Bulk Truck	
931505	hr	Transport Truck	
931395	hr	Transport Trailer	
		80 Vac	
	1373.29 Ft	Casing	
	8	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	0	Frac Baffles	
	145 SK	Portland Cement	
	35 SK	Gilsonite	
	2 SK	Flo-Seal	
	23 SK	Premium Gel	
	5 SK	Cal Chloride	
	1	5 1/2 Cement Basket	
	2000 gal	City Water	
	7.5 hr	Casing tractor	
	7.5 hr	Casing trailer	



DATE: 12/01/2010

McPherson Drilling

## Geology Brief - Data taken from Driller's Log &amp; Compensated Density Log

<b>WELL NAME:</b>	Fawl, Harold L.	<b>SECTION:</b>	12	<b>REPORT #:</b>		<b>SPUD DATE:</b>	11/22/2010 Monday
<b>WELL #:</b>	12-2	<b>TWP:</b>	28S	<b>DEPTH:</b>	1381 ft.		
<b>FIELD:</b>	Cherokee Basin	<b>RANGE:</b>	16E	<b>PBTD:</b>			
<b>COUNTY:</b>	Wilson	<b>ELEVATION:</b>	1083 ft. Estimate	<b>FOOTAGE:</b>	1970	<b>FT FROM</b>	North
<b>STATE:</b>	Kansas	<b>API #:</b>	15-205-27880-0000		2275	<b>FT FROM</b>	East
							SECTION LINE
							SECTION LINE
							SENWSWNE

Jayhawk

**ACTIVITY DESCRIPTION:** From Chanute go West out 21st St. (about 7 miles) to Udall Rd., South 2 miles to 1800 Rd, West 1/8 mile & South into

McPherson Drilling, Andy Coats, drilled to TD 1381 ft. on Tuesday, 11/23/2010 at 2:00 pm.

Surface Casing @ 21.0 ft., with 4 sacks cement. Surface Casing size: 8 5/8 inch.

GAS SHOWS:	Gas Measured	E-Log	COMMENTS: Damp at 240 ft. Injecting water at 278 ft.
Stark Shale	0 mcf/day @	445-451 FT.	Gas test at 350 ft. & 450 ft.
Hushpuckney Shale	0 mcf/day @	505-509 FT.	More water at 506 ft.
South Mound Shale	0 mcf/day @	571-574 FT.	Gas test at 600 ft.
Holdenville Shale	3 mcf/day @	619-627 FT.	3 mcf/day from this area. Gas test at 650 ft.
Bandera Shale	3 mcf/day @	670-674 FT.	Gas test at 700 ft.
Mulberry Shale/Coal	3 mcf/day @	772-776 FT.	<b>No Baffles in this Well.</b>
Lexington Shale/Coal	3 mcf/day @	798-800 FT.	Gas test at 800 ft.
Summit Shale	3 mcf/day @	848-854 FT.	Gas test at 850 ft.
Excello/Mulky Shale/Coal	3 mcf/day @	861-867 FT.	Gas test at 878 ft.
Bevier Shale/Coal	3 mcf/day @	924-927 FT.	Gas test at 927 ft.
Verdigris Limestone	3 mcf/day @	941-943 FT.	
Croweburg Shale/Coal	3 mcf/day @	943-946 FT.	Gas test at 950 ft.
Fleming Shale/Coal	3 mcf/day @	978-982 FT.	Gas test at 1018 ft.
Weir Coal	3 mcf/day @	Absent FT.	
Bartlesville Sand	6 mcf/day @	1083-1223 FT.	3 mcf/day from this area. Gas test at 1104 ft. & 1128 ft.
Rowe Coal	6 mcf/day @	Absent FT.	Gas test at 1170 ft. More water.
Neutral Coal	6 mcf/day @	Absent FT.	Gas test at 1238 ft.
Riverton Coal	6 mcf/day @	1242-1245 FT.	Gas test at 1250 ft.
Mississippi Limestone	6 mcf/day @	Top at 1252 FT.	Gas test at 1260 ft.
TD: 1381 ft.	6 mcf/day @	FT.	Gas test at TD.

Note: Water coming into the hole from zones drilled affects Drilling & Gas Tests. These Wells may require a booster to reach target TD. This water pressure may cause the Gas coming into the hole to be sporadic and/or appear non-existent, giving false readings of initial Gas measured.

Bottom of Production Pipe, from Tally Sheet: 1373.29 ft. Production Casing Set by PostRock.

Bottom Logger: 1381.40 ft. Driller TD: 1379 ft.

Shoe & Centralizer Set on bottom joint & Centralizers Set every 5 joints to surface. Cement Basket above the Stark Shale.

## OTHER COMMENTS:

Information in this report was taken directly from the Drillers hand written notes, Geologists examination of rock samples with a hand lens & the Compensated Density Log (Field Copy) only. Gas Tests reflect what the driller wrote down during drilling activities. All zones are picked on site with minimal Log correlation. Detailed work with Logs may provide more accurate data for reservoir analysis.

Pawnee Lime / Pink	776-798
Oswego Coal	828-830
Oswego Lime	830-848
Mineral Coal	995-998
Scammon Coal	1008-1010
Tebo Coal	1033-1036

Note: All Shales in this Geology Brief are Black Carbonaceous Shales.

CASING RECOMMENDATIONS: Run 5.5 inch casing / Cement to surface

On Site Supervisor/Representative: Ken Recoy, Senior Geologist, AAPG CPG #5927

Cell: 620-305-9900

[krecoy@pstr.com](mailto:krecoy@pstr.com)

End of Geology Brief. Thank You!

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Wichita, KS 67202-3802



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Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

March 22, 2011

LANCE GALVIN  
PostRock Midcontinent Production LLC  
Oklahoma Tower  
210 Park Ave, Ste 2750  
OKLAHOMA CITY, OK 73102

Re: ACO1  
API 15-205-27880-00-00  
FAWL, HAROLD L 12-2  
NE/4 Sec.12-28S-16E  
Wilson County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
LANCE GALVIN