

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL 8/24/09

Operator: License # 3842
 Name: LARSON ENGINEERING, INC.
 Address: 562 WEST STATE ROAD 4
 City/State/Zip: OLMITZ, KS 67564-8561
 Purchaser: _____
 Operator Contact Person: TOM LARSON
 Phone: (620) 653-7368
 Contractor: Name: FOSSIL DRILLING, INC.
 License: 33610
 Wellsite Geologist: STEVEN MURPHY
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SIOW Temp Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>4/27/2007</u>	<u>5/7/2007</u>	
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 007-23142-00-00
 County: BARBER
N, N, NE, NE Sec. 8 Twp. 32 S. R. 15 East West
 _____ feet from NORTH Line of Section
 _____ feet from EAST Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: GYPSUM HILLS Well #: 1-8
 Field Name: PERRY RANCH
 Producing Formation: _____
 Elevation: Ground: 2027 Kelly Bushing: 2036
 Total Depth: 5002 Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 332 Feet
 Multiple State 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) *8-13-08 PANS*
 Chloride content 11500 ppm Fluid volume 1800 bbls
 Dewatering method used ALLOWED TO DRY
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this information shall be filed with the Kansas Corporation Commission, 130 South 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 on 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.

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: *Carol Larson*
 Title: SECRETARY/TREASURER Date: 8/24/07
 Subscribed and sworn to before me this 24TH day of AUGUST,
2007.
 Notary Public: *Debra J. Ludwig*
 Date Commission Expires: MAY 5, 2008

KCC Office Use ONLY

Letter of Confidentiality Attached
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
 KANSAS CORPORATION COMMISSION
AUG 27 2007

DEBRA J. LUDWIG
 Notary Public - State of Kansas
 My Appt. Expires 5/5/2008

CONSERVATION DIVISION
 WICHITA, KS

Operator Name: LARSON ENGINEERING, INC. Lease Name: GYPSUM HILLS Well #: 1-8
 Sec. 8 Twp. 32 S. R. 15 East West County: BARBER

INSTRUCTIONS: Show important tops and base of formation penetrated. Detail all cores. Report all final copes of drill stem 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 copy of all Electric Wireline Logs surveyed. Attach final geologist well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Sample 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 <i>(Submit Copy)</i> List All E. Logs Run: <u>DUAL COMP POROSITY</u> <u>DUAL INDUCTION</u> <u>MICRORESISTIVITY</u>	<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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>HEEBNER</td> <td>4175</td> <td>-2139</td> </tr> <tr> <td>LANSING-KC "H"</td> <td>4564</td> <td>-2528</td> </tr> <tr> <td>BASE KANSAS CITY</td> <td>4742</td> <td>-2706</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>4876</td> <td>-2840</td> </tr> </table>	Name	Top	Datum	HEEBNER	4175	-2139	LANSING-KC "H"	4564	-2528	BASE KANSAS CITY	4742	-2706	MISSISSIPPIAN	4876	-2840
Name	Top	Datum														
HEEBNER	4175	-2139														
LANSING-KC "H"	4564	-2528														
BASE KANSAS CITY	4742	-2706														
MISSISSIPPIAN	4876	-2840														

CONFIDENTIAL

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
SURFACE	12-1/4"	8-5/8"	23#	332'	60-40 POZ	225	2% GEL, 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth	Type of Cement	# Sacks Used	Type and Percent Additives
	Top Bottom			
<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
		<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 80%;"> RECEIVED KANSAS CORPORATION COMMISSION AUG 27 2007 CONSERVATION DIVISION WICHITA, KS </div>	

TUBING RECORD		Size	Set At	Packer At	Liner Run			
					<input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First, Resumed Production, SWD or Enhr.			Producing Method					
			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbbs.	Gas	Mcf	Water	Bbbs.	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>If vented, submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input checked="" type="checkbox"/> Other (Specify) <u>D & A</u>	<u>N/A</u>

ALLIED CEMENTING CO., INC. 24974

Federal Tax I.D. #

CONFIDENTIAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

MEDICINE LODGE

DATE <u>5-7-07</u>	SEC. <u>8</u>	TWP. <u>32S</u>	RANGE <u>15W</u>	CALLED OUT <u>9:30 am</u>	ON LOCATION <u>11:30 am</u>	JOB START <u>2:15 pm</u>	JOB FINISH <u>3:45 pm</u>
PEARLY RANCH LEASE		WELL # <u>1</u>	LOCATION <u>1602 SUN CITY RD, 2 WEST,</u>			COUNTY <u>DARWIN</u>	STATE <u>KS</u>
<input checked="" type="radio"/> OLD OR NEW (Circle one)			NORTH INTO				

CONTRACTOR FOSSIL #1
 TYPE OF JOB ROTARY PLUG
 HOLE SIZE 7 7/8" T.D. 960'
 CASING SIZE 8 3/8" DEPTH 329'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2" DEPTH 960'
 TOOL _____ DEPTH _____
 PRES. MAX 200 MINIMUM 50
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT FRESH WATER

OWNER LAWSON OPERATING

CEMENT
 AMOUNT ORDERED 135 sk 60:40:16

COMMON	<u>81 A</u>	@	<u>11.10</u>	<u>899.10</u>
POZMIX	<u>54</u>	@	<u>6.20</u>	<u>334.80</u>
GEL	<u>7</u>	@	<u>16.65</u>	<u>116.55</u>
CHLORIDE		@		
ASC		@		

RECEIVED
 KANSAS CORPORATION COMMISSION
AUG 27 2007
 CONSERVATION DIVISION
 WICHITA, KS

HANDLING	<u>142</u>	@	<u>1.90</u>	<u>269.80</u>
MILEAGE	<u>22 x 142 x .09</u>			<u>281.16</u>
				TOTAL <u>1901.41</u>

EQUIPMENT

PUMP TRUCK CEMENTER BILL M.
 # 360 HELPER THOMAS D.
 BULK TRUCK
 # 364 DRIVER GREG K.
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

1st PLUG 960', LOAD HOLE, PUMP 50 SK 60:40:16, DISPLACE WITH FRESH WATER,
2nd PLUG 360', LOAD HOLE, PUMP 50 SK 60:40:16, DISPLACE WITH FRESH WATER,
3rd PLUG 60', LOAD HOLE, PUMP 20 SK 60:40:16, PLUG RAT HOLE WITH 15 SK 60:40:16. CIRCULATE CEMENT TO SURFACE.

SERVICE

DEPTH OF JOB	<u>960'</u>			
PUMP TRUCK CHARGE				<u>815.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>22</u>	@	<u>6.00</u>	<u>132.00</u>
MANIFOLD		@		
				TOTAL <u>947.00</u>

CHARGE TO: LAWSON OPERATING
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

_____	@		
_____	@		
ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING			
TOTAL _____			

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE _____
 DISCOUNT ~~_____~~ IF PAID IN 30 DAYS

SIGNATURE [Signature]

Scott Alberg
 PRINTED NAME

ALLIED CEMENTING CO., INC.

32412

Federal Tax I.D.#

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

SERVICE POINT:
med. lodge, Ks.

DATE <u>4-27-06</u>	SEC. <u>8</u>	TWP. <u>32s</u>	RANGE <u>15w</u>	CALLED OUT <u>6:30 P.M.</u>	ON LOCATION <u>10:30 P.M.</u>	JOB START <u>12:00 A.M.</u>	JOB FINISH <u>12:45 A.M.</u>
LEASE <u>Ranch</u>	WELL # <u>1-8</u>	LOCATION <u>160 + Sun City R.D.</u>	COUNTY <u>Barber</u>	STATE <u>Ks.</u>			
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>2w - n/s</u>			

CONTRACTOR Fossil #1

TYPE OF JOB Surface Csg.

HOLE SIZE 12 1/4 T.D. 335'

CASING SIZE 8 5/8 DEPTH 329'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 200 MINIMUM 100

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15' By Request

PERFS.

DISPLACEMENT 20 Bbls. Fresh water

OWNER Larson Operating

CEMENT AMOUNT ORDERED 225 SX 60' 40
3% CC + 2% Gel

COMMON	<u>135</u>	<u>A</u>	@	<u>11.10</u>	<u>1498.50</u>
POZMIX	<u>90</u>		@	<u>6.20</u>	<u>558.00</u>
GEL	<u>4</u>		@	<u>16.65</u>	<u>66.60</u>
CHLORIDE	<u>7</u>		@	<u>46.40</u>	<u>326.20</u>
ASC			@		

EQUIPMENT

PUMP TRUCK CEMENTER Larry Dreiling
414-302 HELPER Dennis C.

BULK TRUCK DRIVER Randy Mc
364

BULK TRUCK DRIVER Clint W.
-

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 27 2007

CONSERVATION DIVISION
WICHITA, KS

HANDLING	<u>236</u>	@	<u>1.90</u>	<u>448.40</u>
MILEAGE	<u>22 x 236 x .09</u>			<u>467.28</u>
TOTAL				<u>3364.98</u>

REMARKS:

Pipe on Bottom, Break Circ.
mix + Pump 225 SX 60' 40'
3% CC + 2% Gel. Cement In.
Stop Pumps. Release Plug.
Displace w/ 20 Bbls. Fresh
water. Shutt In. Cement Circ

SERVICE

DEPTH OF JOB	<u>329'</u>		
PUMP TRUCK CHARGE	<u>0-300'</u>		<u>815.00</u>
EXTRA FOOTAGE	<u>29'</u>	@	<u>.65</u> <u>18.85</u>
MILEAGE	<u>22</u>	@	<u>6.00</u> <u>132.00</u>
MANIFOLD		@	
<u>Head Rental</u>		@	<u>100.00</u> <u>100.00</u>

CHARGE TO: Larson Operating

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1065.85

PLUG & FLOAT EQUIPMENT

<u>1-8 5/8 wood</u>	@	<u>60.00</u>	<u>60.00</u>
	@		
	@		
	@		

ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING

TOTAL 60.00

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE ~~1125.85~~

DISCOUNT ~~60.00~~ IF PAID IN 30 DAYS

SIGNATURE x [Signature]

x Scott Alberg
PRINTED NAME

RECEIVED MAY 1 0 2007

CONFIDENTIAL

GEOLOGICAL REPORT

For

Larson Engineering, Inc.

**Gypsum Hills #1-8
Barber County, Kansas**

By

**Steven P. Murphy, P.G.
Kansas Licensed Geologist #228**

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 27 2007

CONSERVATION DIVISION
WICHITA, KS

OPERATOR: LARSON ENGINEERING, INC.
WELL: GYPSUM HILLS #1-8
API NUMBER: 15-007-23,142-0000
LOCATION: 85' FNL & 660' FEL
8-T32S-R15W
BARBER COUNTY, KANSAS
COMMENCED: 4/27/07
COMPLETED 5/7/07
STATUS: D&A
ELEVATIONS: GL-2027' KB-2036'
TOTAL DEPTH: 5000' (Driller) 5002' (Log)
CASING: SURFACE: 8 5/8" @ 329' (Log)
PRODUCTION: NONE
SAMPLES: WET & DRY (4100' TO 5000')
DRILL STEM TESTS: TWO (2) BY TRILOBITE TESTING
LOGS: COMPENSATED NEUTRON DENSITY,
DUAL INDUCTION & MICROLOG
BY LOG-TECH
DRILLING CONTRACTOR: FOSSIL DRILLING CO. RIG #1

CONFIDENTIAL

RECEIVED
KANSAS CORPORATION COMMISSION
AUG 27 2007
CONSERVATION DIVISION
WICHITA, KS

FORMATION	SAMPLE TOPS	LOG TOPS
Heebner	4174 (-2138)	4175 (-2139)
Lower Douglas	4330 (-2294)	4330 (-2294)
LKC "H" Zone	4564 (-2528)	4564 (-2528)
Swope Porosity	4661 (-2525)	4664 (-2529)
BKC	4739 (-2703)	4742 (-2706)
Mississippian	4874 (-2838)	4876 (-2840)

CONFIDENTIAL

DRILL STEM TESTS

**Testers: Gary Peveteaux with Trilobite Testing (DST #1)
Jerry Adams with Trilobite Testing (DST #2)**

DST #1 (4867-4910)

Formation tested – Mississippian

15:30:45:90

Initial Open: Fair blow (3 to 11 inches)

Initial Shut In: No blow back

Final Open: Weak to fair blow (2 to 6 inches)

Final Shut In: No blow back

IHP: 2398.1

IFP: 20.1 – 26.2

ISIP: 111.3

FFP: 20.3 – 27.5

FSIP: 183.3

FHP: 2319.3

**Recovery: 270' GIP
40' MUD**

DST #2 Straddle (4920-4940))

Formation tested – Mississippian

15:30:45:90

Initial Open: Fair blow built to 8 inches

Initial Shut In: No blow back

Final Open: Weak to fair blow built to 8 inches

Final Shut In: No blow back

IHP: 2554.6

IFP: 19.9-24.2

ISIP: 560.1

FFP: 20.7 – 31.3

FSIP: 1036.9

FHP: 2328.1

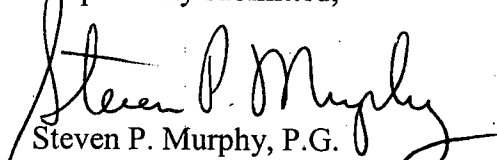
**Recovery: 235' GIP
40' Slightly gas & oil cut mud (2% gas, 5% oil, 93% mud)**

**RECEIVED
KANSAS CORPORATION COMMISSION
AUG 27 2007
CONSERVATION DIVISION
WICHITA, KS**

SUMMARY AND RECOMMENDATIONS

Based on the lack of structural development and the results of drill stem testing, it was recommended and agreed that this test be plugged at a total depth of 5000 feet (Driller).

Respectfully submitted,


Steven P. Murphy, P.G.
Kansas Licensed Geologist (#228)

