



Operator Name Larson Operating Company Lease Name Newell Unit Well # 1-28

Sec. 28 Twp. 17S Rge. 32  East  West County Scott

Instructions: Show important tops and base of formation penetrated. Detail all cores. Report all 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum Name	<input type="checkbox"/> Sample Datum
Sample Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Anhydrite	2309 +676
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		B Anhydrite	2329 +656
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		Heebner	3916 -931
				Lansing	3962 -977
				TD	4061 -1076
List all E. Logs Run:	none				

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	12-1/4"	8-5/8"	25	361'	60-40 poz	250	2% gel, 3% cc, 1/4# flocele

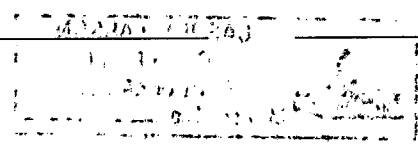
ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			

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		
					<input type="checkbox"/> Yes <input type="checkbox"/> No		
Date of First, Resumed Production, SWD or Inj.		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	Bbls.	Gas	Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) P&A

(If vented, submit ACO-18).



15-171-20537-00-00

ORIGINAL

Operator Name Larson Operating Co., Div. of Larosn Engineering, Inc. Lease Name Newell Unit Well # 128

Sec. 28 Twp. 17S Rge. 32W  East County Scott  West

DRILL STEM TEST #1

Interval tested: 4051-4061  
Times tool opened: 15-30-45-90  
Initial hydrostatic pressure: 1986  
Initial flow pressures: 35-85  
Initial shut-in pressure: 989  
Final flow pressures: 144-267  
Final shut-in pressure: 964  
Final hydrostatic pressure: 1968  
Bottom hole temperature: 121°  
Recovery: 45' mud cut wtr (80% wtr, 20% mud), 540' wtr

DRILL STEM TEST #2

Interval tested: 3984-4012  
Times tool opened: 30-30-30-30  
Initial hydrostatic pressure: 1909  
Initial flow pressures: 23-16  
Initial shut-in pressure: 482  
Final flow pressures: 30-16  
Final shut-in pressure: 538  
Final hydrostatic pressure: 1907  
Bottom hole temperature: 120°  
Recovery: 5' mud

DRILL STEM TEST #3

Interval tested:  
Times tool opened:  
Initial hydrostatic pressure:  
Initial flow pressures:  
Initial shut-in pressure:  
Final flow pressures:  
Final shut-in pressure:  
Final hydrostatic pressure:  
Bottom hole temperature:  
Recovery:

DRILL STEM TEST #1

Interval tested:  
Times tool opened:  
Initial hydrostatic pressure:  
Initial flow pressures:  
Initial shut-in pressure:  
Final flow pressures:  
Final shut-in pressure:  
Final hydrostatic pressure:  
Bottom hole temperature:  
Recovery:

1999 SEP 16 P 1:10  
CORP COMM



# ALLIED CEMENTING CO., INC.

2570

15-171-20537-00-00

ORIGINAL

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

SERVICE POINT:

Great Bend

DATE <u>8.13.99</u>	SEC. <u>28</u>	TWP. <u>17</u>	RANGE <u>32</u>	CALLED OUT <u>1:00 PM</u>	ON LOCATION <u>3:45 PM</u>	JOB START <u>6:45 PM</u>	JOB FINISH <u>11:00 PM</u>
LEASE <u>Newell Unit</u>		WELL # <u>1-28</u>	LOCATION <u>Scott City 3E 4 1/4 N west into</u>	COUNTY <u>Scott</u>	STATE <u>Kansas</u>		

OLD OR (NEW) (Circle one)

CONTRACTOR L.D. Drilling  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE 7 7/8 T.D. 4061'  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 DEPTH 2340'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_

OWNER Same CEMENT

AMOUNT ORDERED 235 ax 60/40 6% gel  
1/4# flo seal per ax.

COMMON	<u>141</u>	@	<u>7.55</u>	<u>1064.55</u>
POZMIX	<u>94</u>	@	<u>3.25</u>	<u>305.50</u>
GEL	<u>12</u>	@	<u>9.50</u>	<u>114.00</u>
CHLORIDE		@		
<u>Flo Seal - 59 #</u>		@	<u>1.15</u>	<u>67.85</u>
		@		
		@		
		@		
		@		
HANDLING	<u>235 ax</u>	@	<u>1.05</u>	<u>246.75</u>
MILEAGE	<u>45</u>			<u>423.00</u>

**EQUIPMENT**

Y.B.  
 PUMP TRUCK CEMENTER J.D. Drilling  
 # 181 HELPER B. Burkenn  
 BULK TRUCK  
 # 222 DRIVER Blaine Barr  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

TOTAL # 2221.65

**REMARKS:**

Safety meeting  
1st Plug 2340' W - 50 ax (deep w/mud)  
2nd Plug 1500' W - 80 ax (deep w/mud)  
3rd Plug 700' W - 30 ax  
4th Plug 390' W - 50 ax  
5th Plug 40' W - 10 ax  
15 ax in rat hole  
(finish job @ 11:00 PM)

**SERVICE**

DEPTH OF JOB	<u>2340'</u>		
PUMP TRUCK CHARGE			<u>470.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>45</u>	@	<u>2.85</u> <u>128.25</u>
PLUG <u>1- 8 5/8 wooden</u>		@	<u>23.00</u> <u>23.00</u>
<u>Dry Hole</u>		@	
		@	

TOTAL # 621.25

CHARGE TO: Larson Operating  
 STREET 502 West Hwy 4  
 CITY Olmitz STATE Kansas ZIP 67564

**FLOAT EQUIPMENT**

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL \_\_\_\_\_

Thank you.

Witnessed by:  
State Rep: Kevin Strube

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.

SIGNATURE x Michael Pedigo

x Michael Pedigo

TAX - 0 -  
 TOTAL CHARGE \$ 2842.90  
 DISCOUNT \$ 568.58 IF PAID IN 30 DAYS

Net # 2274.32