



Operator Name: Liberty Operations & Completions, Inc. Lease Name: Diehl Well #: 6  
 Sec. 5 Twp. 9s S. R. 17  East  West County: Rooks

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum  See Attached Sheet
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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
Production	7 7/8	4 1/2	10.5	3475	ASC	150	500 Gel WFR-2
Surface	12 1/4	8 5/8	10.5	1842	Common	165	2% Gel 3% CC

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	0/3493	150 ASC 500 Gel	150	ASC / Gel AFR-2
<input checked="" type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD	0/1842	Common	450	6-/40 pos 6% Gel 1/4# F/6
<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
1	3234'	150 Gal 15% Mud Acid	3392/3234
1	3330'		
1	3352'		
1	3373'		
1	3392		

TUBING RECORD		Size 2 3/8	Set At 3416	Packer At -0-	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 3-1-2008		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 6	Gas Mcf	Water Bbls. 100 Bbls	Gas-Oil Ratio	Gravity

Disposition of Gas      METHOD OF COMPLETION      Production Interval

Vented    Sold    Used on Lease    Open Hole    Perf.    Dually Comp.    Commingled  
*(If vented, Submit ACO-18.)*       Other (Specify)

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**MAY 27 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS

elev. 2019 KB

Piehl #6

Liberty Comp & Oper, Inc

Anhydrite

1349 (+670)

Topeka

2917 (-898)

Heebner

3136 (-1117)

Toronto

3155 (-1136)

L/KC A

3176 (-1157)

C

3209 (-1190)

D

3230 (-1211)

E, F

3257 (-1238)

G

3270 (-1255)

H

3309 (-1290)

I

3333 (-1314)

J

3348 (-1329)

X Stark

3364 (-1345)

K

3376 (-1357)

L

3393 (-1374)

b, KC

3402 (-1383)

Arbuckle  
r Td

3450 (-1431)

3485 (-1468)

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 27 2008

CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC.

29617

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

SERVICE POINT:

Russell

DATE <u>1-18-08</u>	SEC. <u>5</u>	TWP. <u>9 S</u>	RANGE <u>17 W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 PM</u>	JOB FINISH <u>4:30 PM</u>
LEASE <u>Dick L</u>	WELL # <u>6</u>	LOCATION <u>Plainville 3 1/2 N 2 1/2 E</u>			COUNTY <u>ROOK'S</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1/2 N 1/2 E INTO</u>			

CONTRACTOR WARREN DAUG. Rig #

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 224

CASING SIZE 8 5/8 DEPTH 224

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13 1/4 / BBL

OWNER

CEMENT

AMOUNT ORDERED 165 SK Comm.

2% Gel

3% CC

COMMON	<u>165</u>	@	<u>12.15</u>	<u>2004.25</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>18.25</u>	<u>54.75</u>
CHLORIDE	<u>5</u>	@	<u>51.00</u>	<u>255.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		

HANDLING	<u>173 TOTAL SK</u>	@	<u>2.05</u>	<u>354.65</u>
MILEAGE	<u>53 Ton Mile</u>	@	<u>09</u>	<u>825.21</u>
TOTAL				<u>3494.36</u>

EQUIPMENT

PUMP TRUCK CEMENTER GLENN

# 398 HELPER GARY

BULK TRUCK

# 345 DRIVER CHRIS

BULK TRUCK

# DRIVER

REMARKS:

Cement CIRCULATED

THANK'S

CHARGE TO: LIBERTY OIL OPERATIONS

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>893.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>53</u>	@	<u>7.00</u>	<u>371.00</u>
MANIFOLD		@		
		@		
		@		
TOTAL				<u>1264.00</u>

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 05 2008

To Allied Cementing Co., Inc. CONSERVATION DIVISION  
WICHITA, KS

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.

PLUG & FLOAT EQUIPMENT

		@		
		@		
	<u>1-8 1/2</u>	@		<u>66.00</u>
		@		
		@		
TOTAL				<u>66.00</u>

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Robert W. Muckler

PRINTED NAME

# ALLIED CEMENTING CO., INC.

29564

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

SERVICE POINT:

Russell

DATE <u>1-26-08</u>	SEC. <u>5</u>	TWP <u>9</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>12:30 a.m.</u>
LEASE <u>Diehl</u>	WELL # <u>6</u>	LOCATION <u>Plainville 3 1/2 N 2 1/2 E</u>			COUNTY <u>Rooks</u>	STATE <u>Ks</u>	
<input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one)		<u>1/2 N Einto</u>					

CONTRACTOR Warren Drilling Rig # 14 OWNER \_\_\_\_\_  
 TYPE OF JOB Production String Bottom stage  
 HOLE SIZE 7 7/8 T.D. 3485  
 CASING SIZE 4 1/2 10 1/2 # DEPTH 3493  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL P.Y. Tool DEPTH 1842  
 PRES. MAX 1500 psi MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 17,90'  
 CEMENT LEFT IN CSG. 17,90'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 55,25 661

CEMENT AMOUNT ORDERED 150 ASC  
500 Gal WFR-2

COMMON	@	_____	_____
POZMIX	@	_____	_____
GEL	@	_____	_____
CHLORIDE	@	_____	_____
ASC <u>150</u>	@	<u>15.05</u>	<u>2257.50</u>
<u>WFR 500 Gals</u>	@	<u>1.12</u>	<u>550.00</u>
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
HANDLING <u>150</u>	@	<u>2.05</u>	<u>307.50</u>
MILEAGE <u>38</u> <u>519 mi/09</u>	@	_____	<u>513.00</u>
TOTAL			<u>3628.00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane  
 # 366 HELPER Matt  
 BULK TRUCK  
 # 378 DRIVER Chris Howell - Neil  
 BULK TRUCK  
 # 396 DRIVER Mike Knopp

**REMARKS:**

Insert @ -3475.  
P.Y. Tool @ 1842  
Landed Plug @ 1500 psi.  
Float Held.

**SERVICE**

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1763.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 38 @ 7.00 266.00  
 MANIFOLD @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 TOTAL 2029.00

CHARGE TO: Liberty Operations  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

RECEIVED  
KANSAS CORPORATION COMMISSION

MAY 05 2008

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.

*Marks!*

SIGNATURE Charles D. Farr

**PLUG & FLOAT EQUIPMENT**

<u>Blue Float Shoe</u>	@	_____	<u>422.00</u>
<u>1 - Basket</u>	@	_____	<u>165.00</u>
<u>6 - Centralizers</u>	@	<u>49.00</u>	<u>294.00</u>
_____	@	_____	_____
_____	@	_____	_____
TOTAL			<u>881.00</u>

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS  
 PRINTED NAME CHARLES D. FARR