

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**CONFIDENTIAL**

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Operator: License # 5634  
Name: BEREN CORPORATION  
Address: 2020 BRAMBLEWOOD  
City/State/Zip: WICHITA, KS 67208  
Purchaser: DUKE ENERGY FIELD SERVICES  
Operator Contact Person: EVAN MAYHEW  
Phone: (316) 265-3311  
Contractor: Name: MURFIN DRILLING  
License: 30606  
Wellsite Geologist: MARVIN HARVEY

API No. 15 - 187-21021-0000  
County: STANTON  
SW SE NW Sec. 22 Twp. 30 S. R. 41  East  West  
2310 feet from S (N) (circle one) Line of Section  
1650 feet from E (W) (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE (NW) SW  
Lease Name: HILTY Well #: 2-22  
Field Name: \_\_\_\_\_  
Producing Formation: MORROW

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:

Elevation: Ground: 3384 Kelly Bushing: 3394  
Total Depth: 5625 Plug Back Total Depth: 5572  
Amount of Surface Pipe Set and Cemented at 1600 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 3226 Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

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. \_\_\_\_\_

9/24/03 10/03/03 01/14/04  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content 1750 ppm Fluid volume 9000 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

RECEIVED  
JAN 15 2004  
KCC WICHITA  
KCC  
JAN 14 2004  
CONFIDENTIAL

ACT I WITHM 1-3-07

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. 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 of 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: [Signature]  
Title: DIVISION ENGR. Date: 1/14/04  
Subscribed and sworn to before me this 14<sup>th</sup> day of January, 2004  
Notary Public: [Signature]  
Date Commission Expires: Aug 10, 2007



**KCC Office Use ONLY**

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

CONFIDENTIAL

KCC  
JAN 14 2004  
Side Two

ORIGINAL

Operator Name: BEREN CORPORATION

CONFIDENTIAL  
Lease Name: HILTY

Well #: 2-22

Sec. 22 Twp. 30 S. R. 41  East  West

County: STANTON

**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  Yes  No  
(Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy)

List All E. Logs Run:

Dual Induction, Neutron - Density, Microlog, Bond Log

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Heebner	3601	-207
Lansing	3711	-317
Marmaton	4264	-870
U Morrow	5052	-1658
Keys	5342	-1948
St. Gen	5350	-1956

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KCC WICHITA

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 1/4	8 5/8	23	1600	LITE COM	550 150	3% cc 1/4# Floseal 3% CC
Production	7 7/8	4 1/2	10.5#	5624	LITE ASC	200 230	1/4# Floseal 10% Salt 2% Gel
			DV	3226	LITE COM	330 50	2% cc 1/4# Floseal None

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 (Amount and Kind of Material Used)	Depth
4 SPF	5053-60, 5064-69	1000 GALS 7 1/2% hcl	5053-69
		30000 Gals CO2 Foam, 51000# Sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	5030	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
1/14/04	<input checked="" 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
	0	1500	0	

Disposition of Gas METHOD OF COMPLETION

Production Interval

Vented  Sold  Used on Lease  
(If vented, Sumit ACO-18.)

Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) 5053-69

# ALLIED CEMENTING CO., INC. 14216

**CONFIDENTIAL**

KCC

**ORIGINAL**

P.O. BOX 3  
RUSSELL, KANSAS 67665

JAN 14 2004

SERVICE POINT: Oakley

DATE <u>9-25-03</u>	SEC. <u>22</u>	TWP. <u>30S</u>	RANGE <u>41W</u>	CONFIDENTIAL	ON LOCATION <u>6:30 PM</u>	JOB START	JOB FINISH <u>10:00 PM</u>
LEASE <u>Hilly</u>	WELL # <u>2-22</u>	LOCATION <u>Johnson 11S-2W-1/2N-4E</u>	CALLED OUT		COUNTY <u>Stanton</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)							

CONTRACTOR MurFin Dls Co #25

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 1603'

CASING SIZE 8 5/8 DEPTH 1601'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 45.90'

CEMENT LEFT IN CSG. 45.90'

PERFS.

DISPLACEMENT 99 1/4 BBL

OWNER Same

CEMENT

AMOUNT ORDERED 150 SKs 3%cc

550 SKs Lite, 3%cc, Flo-Seal

COMMON	<u>150 SKs</u>	@	<u>8.50</u>	<u>1275.00</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>23 SKs</u>	@	<u>30.00</u>	<u>690.00</u>
<u>Lite</u>	<u>550 SKs</u>	@	<u>6.95</u>	<u>3827.50</u>
<u>Flo-Seal</u>	<u>138 #</u>	@	<u>1.40</u>	<u>193.20</u>
		@		
		@		
		@		
		@		
HANDLING	<u>700 SKs</u>	@	<u>1.15</u>	<u>805.00</u>
MILEAGE	<u>Sp per sk mile</u>			<u>1,575.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt

# 300 HELPER Wayne

BULK TRUCK

# 361 DRIVER Jarrold

BULK TRUCK

# 347 DRIVER Larry

RECEIVED TOTAL 8,338.20

JAN 15 2004

KCC WICHITA SERVICE

REMARKS:

Cement Did Circ

[Signature]

DEPTH OF JOB

PUMP TRUCK CHARGE 850.00

EXTRA FOOTAGE @

MILEAGE 45 miles @ 3.50 1575.00

PLUG 8 5/8 Rubber @ 100.00

TOTAL 1,107.50

CHARGE TO: Beren Corp

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

	<u>8 5/8</u>		
1- Guide-String	@		<u>190.00</u>
1- AFU insert	@		<u>242.00</u>
3- Centralizers	@	<u>33.00</u>	<u>99.00</u>
1- Basket	@		<u>180.00</u>
	@		

TOTAL 711.00

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 [Crossed out]

DISCOUNT [Crossed out] IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME \_\_\_\_\_

CONFIDENTIAL

# ALLIED CEMENTING CO., INC.

KCC

ORIGINAL

14218

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

JAN 14 2004

SERVICE POINT:

Oakley

CONFIDENTIAL

DATE 10-3-03	SEC 22	TWP. 30 <sup>s</sup>	RANGE 41 <sup>w</sup>	CALLED OUT	ON LOCATION 11:15 AM	JOB START 2:45 PM	JOB FINISH 3:45 PM
LEASE Hilly	WELL # 2-22	LOCATION Johnson 115-2W-6N		COUNTY Stanton	STATE Kan		
OLD OR NEW (Circle one)							

CONTRACTOR	Murfin Drilling Co #25
TYPE OF JOB	Production (Bottom Stage)
HOLE SIZE	7 7/8 T.D. 5625'
CASING SIZE	4 1/2 DEPTH 5624'
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL D-V Tool	DEPTH 3229'
PRES. MAX 1500#	MINIMUM 900#
MEAS. LINE	SHOE JOINT 42'
CEMENT LEFT IN CSG.	42'
PERFS.	
DISPLACEMENT	38 Water, 51 milk
EQUIPMENT	
PUMP TRUCK # 300	CEMENTER Walt
	HELPER Wayne
BULK TRUCK # 315	DRIVER Dean
BULK TRUCK # 347	DRIVER Jarrod

OWNER	Same
CEMENT	
AMOUNT ORDERED	230 SKS ASC, 2% salt
	10% salt, 5# Gilsomite per SK
	200 SKS Lite, 1/4" Flo-Seal
ASC	230 SKS @ 9.85 2,265.50
POZMIX	@
GEL	4 SKS @ 10.00 40.00
CHLORIDE	@
Lite	200 SKS @ 7.35 1,470.00
Salt	22 SKS @ 7.50 165.00
Gilsomite	1,150# @ .50# 575.00
Flo-Seal	50# @ 1.40 70.00
HANDLING	430 SKS @ 1.15 494.50
MILEAGE	5¢ per SK mile 967.50

RECEIVED

TOTAL 6,047.50

JAN 15 2004

KCC WICHITA SERVICE

REMARKS:

Hook up to casing, circ thr, mix 200 SKS Lite, tail in w/ 230 SKS ASC, Clear Pump + Lines, release Plug Displace 38 BBL Water + 51 BBL Milk @ 5 BPM @ 900# Landed Plug @ 1500# held

DEPTH OF JOB	
PUMP TRUCK CHARGE	1,130.00
EXTRA FOOTAGE	@
MILEAGE 45 mile	@ 3.50 157.50
PLUG	@
	@
	@
TOTAL	1,287.50

CHARGE TO: Beren Corp  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

1-Box Threadloc 4 1/2	30.00
1-AFU Float Shoe	@ 200.00
1-Latch down Plug Assy	@ 300.00
14-Connectors	@ 45.00 630.00
2-Baskets	@ 116 232.00
1-D-V Tool	@ 3000.00
1-Limit Clamp	20.00
TOTAL	4,412.00

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 ~~1,287.50~~  
 DISCOUNT ~~1,287.50~~ IF PAID IN 30 DAYS

SIGNATURE Gray M. Kline

PRINTED NAME

# ALLIED CEMENTING CO., INC. 14219

**CONFIDENTIAL**

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

KCC

JAN 14 2004

**ORIGINAL**  
SERVICE POINT:

*Oakley*

DATE <u>10-3-03</u>	SEC <u>22</u>	TWP. <u>30<sup>s</sup></u>	RANGE <u>41<sup>w</sup></u>	CONFIDENTIAL	ON LOCATION <u>11:15 AM</u>	JOB START <u>7:00 PM</u>	JOB FINISH <u>7:30 PM</u>
LEASE <u>Hitty</u>	WELL # <u>2-22</u>	LOCATION <u>Johnson 11s-2W-16N</u>	COUNTY <u>Stanton</u>	STATE <u>Kan</u>			
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Mur Fin Dlg Co #25  
 TYPE OF JOB Production Top Stage  
 HOLE SIZE 7 7/8 T.D. 5625'  
 CASING SIZE 4 1/2 DEPTH 5624'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL D-V Tool DEPTH 3229'  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 42'  
 CEMENT LEFT IN CSG. 42'  
 PERFS.  
 DISPLACEMENT 52 BBL

OWNER Same  
 CEMENT  
 AMOUNT ORDERED 50 SKS COM  
350 SKS Lite, 2% CC, 11# Flo-Seal

COMMON	<u>50 SKS</u>	@	<u>8.35</u>	<u>417.50</u>
POZMIX		@		
GEL		@		
CHLORIDE	<u>8 SKS</u>	@	<u>30.00</u>	<u>240.00</u>
Lite	<u>350 SKS</u>	@	<u>7.35</u>	<u>2,572.50</u>
Flo-Seal	<u>88#</u>	@	<u>1.40</u>	<u>123.20</u>

HANDLING	<u>400 SKS</u>	@	<u>1.15</u>	<u>460.00</u>
MILEAGE	<u>5¢ per SK/mile</u>			<u>900.00</u>

RECEIVED  
 JAN 15 2004  
 TOTAL 4,713.20

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>Walt</u>
# <u>300</u>	HELPER	<u>Wayne</u>
BULK TRUCK		
# <u>349</u>	DRIVER	<u>Dean Jarrod</u>
BULK TRUCK		
# <u>361</u>	DRIVER	<u>Larry</u>

**REMARKS:**

Open Tool, Circ, 3 Hrs  
Put 10 SKS in RH  
11 10 SKS in MH  
Mixed 330 SKS Lite,  
Clear Pump & Lines  
Release Plug, Displace 52 BBL Water  
2 950# Land Plug to 1800ft, closed Tool  
release Pressure, Held

**KCC WICHITA SERVICE**

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>650.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>45 mile</u>	@ <u>3.50</u> <u>1125.00</u>
PLUG	@	
	@	
	@	

TOTAL 650.00

CHARGE TO: Beren Corp  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

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

TOTAL \_\_\_\_\_

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 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 6,000.00  
 DISCOUNT 1,286.80 IF PAID IN 30 DAYS

SIGNATURE [Signature]

PRINTED NAME \_\_\_\_\_