

ORIGINAL

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

Operator: License # 5363
Name: COOLEY B20 Berexco, Inc.
Address: 2020 BRAMBLEWOOD
City/State/Zip: WICHITA, KS 67208
Purchaser: NCRA
Operator Contact Person: Bruce Meyer
Phone: (316) 265-3311
Contractor: Name: MURFIN DRILLING
License: 30606
Wellsite Geologist: Bryan Bynog

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Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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. _____

3/26/04 4/1/04 4/20/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 065-22959 - 00-00
County: GRAHAM
NE NE NV Sec. 17 Twp. 9 S. R. 17 East West
4950 feet from S N (circle one) Line of Section
2970 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: COOLEY B Well #: 20
Field Name: MOREL

Producing Formation: ARBUCKLE
Elevation: Ground: 2267' Kelly Bushing: 2272'
Total Depth: 3778' Plug Back Total Depth: 3775'
Amount of Surface Pipe Set and Cemented at 275' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1769' Feet
If Alternate II completion, cement circulated from 1769'
feet depth to SURFACE w/ 175 sx cmt.

Drilling Fluid Management Plan See 11 w
(Data must be collected from the Reserve Pit)
Chloride content 2300 ppm Fluid volume 482 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.: _____

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 Engineer Date: 6-10-04
Subscribed and sworn to before me this 10th day of June, 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

DIANA E PLOTNER
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-10-07

✓

Operator Name: COOLEY B20 Lease Name: COOLEY B Well #: 20
 Sec. 17 Twp. 9 S. R. 17 East West County: GRAHAM

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:

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Name	Top	Datum
Heebner	3430'	(-1158)
Lansing A	3472'	(-1200)
Arbuckle	3776'	(-1504)
TD	3778'	(-1506)

CASING RECORD <input checked="" 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		275'	COMMON	175	3% CC, 2% Gel
production	7 7/8	5 1/2	14#	3775'	ASC	175	2% cc

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1769'	60/40 POZ	400	6% Gel, 1/4# flowseal

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	
	OPEN HOLE		Natural	Depth 3775'-78'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 7/8	3772'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
4/22/04			<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	139	0	1		

Disposition of Gas Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify) _____

ALLIED CEMENTING CO., INC. 14025

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

SERVICE POINT:
OAKLEY

DATE <u>4-1-04</u>	SEC <u>17</u>	TWP <u>9S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION <u>3:00 PM</u>	JOB START <u>7:00 PM</u>	JOB FINISH <u>7:30 PM</u>
LEASE <u>COOLEY "B"</u>	WELL # <u>20</u>	LOCATION <u>BOQUE 65-1/2E-S10T0</u>			COUNTY <u>GRAHAM</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>MURFIN DRLL. RIG #8</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>Production STRENGTH "Bottom Stage"</u>	
HOLE SIZE <u>7 7/8"</u> T.D. <u>3778'</u>	CEMENT
CASING SIZE <u>5 1/2"</u> DEPTH <u>3796'</u>	AMOUNT ORDERED <u>175 SKS ASC 290 GEL</u>

TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>D-U TOOL</u>	DEPTH <u>1769'</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>32.43</u>
CEMENT LEFT IN CSG. <u>32.43</u>	
PERFS.	
DISPLACEMENT <u>48 1/2 WATER 43 MUD</u>	
EQUIPMENT <u>TOTAL 91 1/2 BBL</u>	

PUMP TRUCK # <u>177</u>	CEMENTER <u>TERRY</u>
	HELPER <u>WAYNE</u>
BULK TRUCK # <u>212</u>	DRIVER <u>JARROD</u>
BULK TRUCK # <u>361</u>	DRIVER <u>LOWRTE</u>

<u>ASC</u>	@	<u>9.00</u>	<u>1575.00</u>
COMMON <u>175 SKS</u>	@		
POZMIX	@		
GEL <u>3 SKS</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	@		
	@		
	@		
	@		
HANDLING <u>185 SKS</u>	@	<u>1.15</u>	<u>212.75</u>
MILEAGE <u>054 PCR SK / MILE</u>			<u>555.00</u>
TOTAL			<u>2372.75</u>

REMARKS:

OPEN TRIPLEX SHOE TOOK 700 PSI
CIRCULATE 1 HR. MAX 500 GAL WFR-2
175 SKS ASC 290 GEL + DISPLACE WITH
48 1/2 BBL WATER 43 BBL MUD
PLUG LAND TOOL HELD
DROP BOMB WAIT 15 MIN OPEN
D-U TOOL CIRCULATE 4 HRS.

THANK YOU

SERVICE

DEPTH OF JOB <u>3796'</u>			
PUMP TRUCK CHARGE			<u>1130.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>60 MI</u>	@	<u>3.50</u>	<u>210.00</u>
PLUG	@		
	@		
	@		
TOTAL			<u>1340.00</u>

CHARGE TO: BEREXCO, INC.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<u>5 1/2"</u>			
<u>1-TRIPLEX SHOE</u>	@		<u>1300.00</u>
<u>1-Latch Down plug ASSY</u>	@		<u>350.00</u>
<u>10-TURBO CENTRALIZERS</u>	@	<u>60.00</u>	<u>600.00</u>
<u>3-BASKETS</u>	@	<u>128.00</u>	<u>384.00</u>
<u>1-D-U TOOL</u>	@		<u>3300.00</u>
TOTAL			<u>5934.00</u>

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]

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PRINTED NAME _____

