

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 9860

Name: Castle Resources Inc.

Address 1200 E. 27th #C

City/State/Zip Hays, Kansas 67601-2120

Purchaser: _____

Operator Contact Person: Jerry Green

Phone (913) 625-5155

Contractor Name: Discovery Drilling

License: 31548

Wellsite Geologist: Jerry Green

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

7-17-95 7-24-95 8-4-95
Spud Date Date Reached TD Completion Date

API NO. 15- 195-221580000 ORIGINAL

County Trego

NE - SW - NW Sec. 32 Twp. 13s Rge. 21 X E
W

1650 Feet from S(N) (circle one) Line of Section

990 Feet from E(W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, (NW) or SW (circle one)

Lease Name Bongarts Well # 1

Field Name Locker Ext.

Producing Formation Cherokee

Elevation: Ground 2303 KB 2311

Total Depth 4150 PBTD _____

Amount of Surface Pipe Set and Cemented at 211.33 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1698' Feet

If Alternate II completion, cement circulated from 211.33

feet depth to Surface w/ 135 sx cmt.

Drilling Fluid Management Plan ALT 2 99 10-4-95
(Data must be collected from the Reserve Pit)

Chloride content 19,000 ppm Fluid volume 1800 bbls

Dewatering method used Evaporative

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

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 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 _____

Title President Date 9-20-95

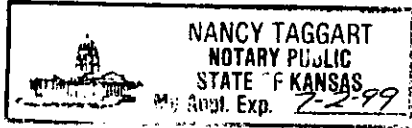
Subscribed and sworn to before me this 20th day of September, 19 95.

Notary Public Nancy Taggart

Date Commission Expires 7-2-99

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)



Operator Name Castle Resources Inc. Lease Name Bongarts Well # 1

Sec. 32 Twp. 13S Rge. 21 East West
 County Trego

INSTRUCTIONS: Show important tops and base of formations 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 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
 COMPENSATED DENSITY
 DUAL-SPACED CEMENT BOND**

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name Top Datum	
	Topeka 3398' -1087	
	Heebner 3632' -1321	
	Toronto 3651' -1340	
	Lansing/KC 3668' -1357	
	Lansing/KC Base 3914' -1603	
	Marmaton 4008' -1697	
	Cherokee Sand 4062' -1751	
	Arbuckle 4105' -1794	

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 Pipe	12 1/4	8 5/8	20	211.33	60/40Poz	135	2%Gel&3%C.C.
Production St.	7 7/8	4 1/2	9.5	4148	EA-2	175	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1698' to Surface	Halliburton Light	250	2% Gel

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	
	4084'-4088'			500 gal. mud acid
4062'-4066'				

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2 3/8"	4110'		
Date of First, Resumed Production, SWD or Inj. 8-6-95			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 60 Bbls.	Gas	Mcf	Water 8 Bbls.	Gas-Oil Ratio 42 Gravity

Disposition of Gas: **METHOD OF COMPLETION** Vented Sold Used on Lease (if vented, submit ACO-1B.) Open Hole Perf. Dually Comp. Commingled **4062'-4088' Q.A.**
 Other (Specify) _____

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

ORIGINAL

Test Ticket

NE 7916

API #15-195-22158-00-00

Well Name & No. <u>Bangardt #1</u>	Test No. <u>1</u>	Date <u>7-22-95</u>
Company <u>Castle Resources</u>	Zone Tested <u>Cherokee Sand</u>	
Address <u>1200 E 27th #C Hays KS 67601</u>	Elevation <u>2311 KB</u>	
Co. Rep./Geo. <u>Serra Green</u>	Cont. _____	Est. Ft. of Pay _____
Location: Sec. <u>32</u>	Twp. <u>13r</u>	Rge. <u>21w</u> Co. <u>Trego</u> State <u>Ks</u>
No. of Copies _____	Distribution Sheet _____	Yes _____ No _____ Turnkey _____ Yes _____ No _____ Evaluation _____

Interval Tested <u>4045-4092</u>	Drill Pipe Size <u>4 1/2 XH</u>
Anchor Length <u>47</u>	Top Choke — 1" _____ Bottom Choke — 1/4" _____
Top Packer Depth <u>4040</u>	Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth <u>4045</u>	Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth <u>4092</u>	Drill Collar — 2.25 Ft. Run _____
Mud Wt. <u>9.12</u> lb/gal.	Viscosity <u>54</u> Filtrate <u>9.4</u>
Tool Open @ <u>8:14 PM</u> Initial Blow <u>2" blow blow building to bottom of bucket in 3 minutes (blow back built to 10")</u>	
Final Blow <u>1" blow building to bottom of bucket in 5 minutes</u>	

Recovery — Total Feet <u>750</u>	Feet of Gas in Pipe <u>710</u>	Flush Tool? _____
Rec. <u>5790</u> Feet Of <u>cl/gassy oil</u>	<u>25% gas 75% oil</u>	%water _____ %mud _____
Rec. <u>120</u> Feet Of <u>gassy MCO</u>	<u>15% gas 55% oil</u>	%water <u>30</u> %mud _____
Rec. <u>60</u> Feet Of <u>gassy MCO</u>	<u>50% gas 35% oil</u>	%water <u>15</u> %mud _____
Rec. _____ Feet Of _____	%gas _____ %oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____ %oil _____	%water _____ %mud _____

BHT 126 °F Gravity 42 °API @ 70 °F Corrected Gravity 41 °API

RW _____ @ _____ °F	Chlorides _____ ppm Recovery	Chlorides _____ ppm System
(A) Initial Hydrostatic Mud <u>2050</u> PSI	AK1 Recorder No. <u>2341</u>	Range <u>4995</u>
(B) First Initial Flow Pressure <u>97</u> PSI	@ (depth) <u>4052</u>	w/Clock No. <u>A1p</u>
(C) First Final Flow Pressure <u>187</u> PSI	AK1 Recorder No. <u>24174</u>	Range <u>3050</u>
(D) Initial Shut-in Pressure <u>346</u> PSI	@ (depth) <u>4087</u>	w/Clock No. <u>22336</u>
(E) Second Initial Flow Pressure <u>247</u> PSI	AK1 Recorder No. _____	Range _____
(F) Second Final Flow Pressure <u>278</u> PSI	@ (depth) _____	w/Clock No. _____
(G) Final Shut-in Pressure <u>346</u> PSI	Initial Opening <u>30</u>	Test _____
(H) Final Hydrostatic Mud <u>2003</u> PSI	Initial Shut-in _____	_____

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

RECEIVED
STATE CORPORATION COMMISSION
Final Flow 3000 Safety Joint _____
Final Shut-in 3022 1905 Saddle _____
Circ. Sub _____
Wichita, Kansas Sampler _____

Approved By _____
Our Representative Pow Sierra
Extra Packer _____
Other Al Pinner
TOTAL PRICE \$ _____

ALLIED CEMENTING CO., INC.

3328

15-195-2d158-00-00

ORIGINAL

SERVICE POINT:

Russell

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

DATE <u>7-7-95</u>	SEC. <u>32</u>	TWP. <u>13</u>	RANGE <u>21</u>	CALLED OUT <u>5:30 PM</u>	ON LOCATION	JOB START	JOB FINISH <u>11:15 PM</u>
LEASE <u>Bongett</u>	WELL # <u>1</u>	LOCATION <u>652W RIGG</u>			COUNTY <u>Trego</u>	STATE <u>Ks</u>	

OLD OR NEW (Circle one)

CONTRACTOR Discovery Dals

TYPE OF JOB SURFACE

HOLE SIZE	T.D.
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	

OWNER _____

CEMENT

AMOUNT ORDERED

135 cu 64/403-2

COMMON	<u>81</u>	@	<u>6.10</u>	<u>494.10</u>
POZMIX	<u>54</u>	@	<u>3.15</u>	<u>170.10</u>
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>4</u>	@	<u>28.00</u>	<u>112.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING		@	<u>10.5</u>	<u>141.75</u>
MILEAGE <u>25m</u>			<u>04</u>	<u>135.00</u>
TOTAL				<u>1071.95</u>

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Bill L.</u>
# <u>177</u>	HELPER <u>6/en</u>
BULK TRUCK	
#	DRIVER
BULK TRUCK	
#	DRIVER <u>Josor</u>

REMARKS:

Pipe set c 211

Cement w/ 135 cu 64/403-2

Pump plus w/ 12 1/2 bbls water

Cement did circulate

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>445.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>25m</u>	@	<u>2.35</u>
PLUG	@	<u>45.00</u>
	@	
	@	
TOTAL		<u>548.75</u>

CHARGE TO: Coshe Res.

STREET 1200 E 27th, Suite C

CITY HAYS STATE Ks ZIP 67601

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
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.

SIGNATURE Thomas AK

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

Bill No. 16-195-22158-00-00
BILLED ON TICKET NO. 16111

WELL DATA

FIELD _____ SEC 20 TWP. 13 RNG. 01 COUNTY Texas STATE K

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE Part Collar SET AT 1698'

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE -	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	<u>6</u>	<u>4.5</u>	<u>1</u>	<u>0</u>	<u>4148</u>	
LINER						
TUBING						
OPEN HOLE			<u>7 1/2</u>	<u>41</u>	<u>4150</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT <u>SPR</u> <u>J. 1 1/2</u>	<u>1</u>	<u>H</u>
GUIDE SHOE	<u>1</u>	
CENTRALIZERS	<u>6</u>	
BOTTOM PLUG		
TOP PLUG	<u>1</u>	
HEAD		
PACKER <u>Part Collar @ 1698</u>	<u>1</u>	
OTHER <u>1 1 1 7</u>		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>7-23-95</u>	DATE <u>7-23-95</u>	DATE _____	DATE <u>7-24</u>
TIME <u>11:00</u>	TIME <u>12:00</u>	TIME _____	TIME <u>01:00</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>...</u>	<u>...</u>	<u>H-1</u>
<u>...</u>	<u>...</u>	
<u>...</u>	<u>...</u>	
<u>...</u>	<u>...</u>	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT _____

DESCRIPTION OF JOB _____

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>1</u>	<u>...</u>	<u>...</u>	<u>...</u>	<u>...</u>	<u>1.45</u>	<u>15.0</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. 10.20 TYPE ME 1.115

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 1.7

SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 10.7

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____ REMARKS

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 10 REASON Shut In

CUSTOMER: ...
LEASE: ...
WELL NO: ...
JOB TYPE: ...
DATE: 7-23-95



JOB SUMMARY

HALLIBURTON DIVISION M.D. Conlon & NWA
 HALLIBURTON LOCATION Hays, Ks

BILLED ON TICKET NO. 839682

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY Trego STATE Ks

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS FROM _____ TO _____

INITIAL PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD. OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE Becker Port Collar SET AT 1698

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 4300

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	u	10 1/2	4 1/2	62	4300	
LINER						
TUBING	u	4.6	2 3/8	12	1700	
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER <u>Becker Port Collar</u>	<u>1</u>	<u>Becker</u>
OTHER		

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-1-95</u>	DATE <u>8-1-95</u>	DATE <u>8-1-95</u>	DATE <u>8-1-95</u>
TIME <u>10:00</u>	TIME <u>11:40</u>	TIME <u>11:45</u>	TIME <u>15:00</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>T. Tuchs</u>	<u>81493</u>	<u>Hays, Ks</u>
<u>James Miller</u>	<u>40037</u>	<u>Port Col</u>
<u>(L) Nixon</u>	<u>50120</u>	<u>Port Col</u>
<u>R. K. ...</u>	<u>1444- B. OR</u>	<u>Hays, Ks</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. °API

DISPL. FLUID _____ DENSITY _____ LB./GAL. °API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Cat

DESCRIPTION OF JOB Cmt thru b.t. Port Collar

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Jerry Green by J.S.

HALLIBURTON OPERATOR (L) Tuchs COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>250</u>	<u>H.L.C</u>	<u>Pozza</u>	<u>B</u>	<u>22. Add. liquid gel 1/2" thick</u>	<u>174</u>	<u>121</u>

SUMMARY

CIRCULATING _____ DISPLACEMENT _____ PRESLUSH: BBL.-GAL. _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 6

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 21 (8)

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL.-GAL. _____

TREATING _____ DISPL. _____ OVERALL _____ REMARKS _____

FEET _____ CEMENT LEFT IN PIPE _____ REASON _____

CUSTOMER Castle Resources
 LEASE Bohndicks
 WELL NO. #1
 JOB TYPE Top Drive
 DATE 8-1-95



HALLIBURTON

15-195-22158-00-00

DATE 8-1-95 PAGE NO. 1

JOB LOG HAL-2013-C

CUSTOMER Castle Reservoir WELL NO. #1 LEASE Bonqirts JOB TYPE Top stage well TICKET NO. 839682

CHART NO. TIME RATE (GPM) VOLUME (BBL) (GAL) PUMPS T C PRESSURE (PSI) TUBING CASING DESCRIPTION OF OPERATION AND MATERIALS

CHART NO.	TIME	RATE (GPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESSURE (PSI) TUBING CASING	DESCRIPTION OF OPERATION AND MATERIALS
1	09:00					Called out
	11:40					On location / start opening tool in hole
						Tally in hole w/ thg
	13:00					Locate port collar
	13:				1000 1000	Test thg + csg to 1000 PSI
					1000/0 1000/0	Holding - release pressure
		4	4		400 400	Open Port collar
						Take injection rate 46 mat 400 PSI
						Good blow on breaker head
	13:40	3	0			Started mixing cement
						w/ 235 sks mixed - cement see l.l.
	14:07	3	80		800	250 sks mixed - shut down
	14:26					Start displacement
	14:15	2	6		800	Done w/ displacement
	14:30				400	Closed port collar
	14:40				1000	Pressured thg + Csg to 1000 PSI
					1000/0	Holding - released pressure
						Run 5 ft
					250	Reverse out cement
						Pulled opening tool out of hole
	15:15					Job completed

Thanks you
[Signature]

ORIGINAL