

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

API NO. 15- 22185 0000

ORIGINAL

County Trego

Operator: License # 9860

Name: Castle Resources, Inc.

Address 1200 East 27th # C

City/State/Zip Hays, Kansas 67601-2120

Purchaser:

Operator Contact Person: Jerry Green

Phone (913) 625-5155

Contractor: Name: Discovery Drilling, Inc.

License: 31548

Wellsite Geologist: Jerry Green

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SVD  SLOW  Temp. Abd.

Gas  ENHR  SIGW

Dry  Other (Core, VSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: DISCOVERY DRILLING, INC.

Well Name: 01-30-97

Comp. Date: JAN 30 1997

Old Total Depth: CONSERVATION DIVISION

Re-perf: Wichita, Kansas

Docket No. PBTD

Docket No. 12/13/96

Docket No. 12/19/96

Docket No. 12/20/96

Spud Date

Date Reached TD

Completion Date

-C -NW -SE Sec. 30 Twp. 13s Rge. 21W X

1980 Feet from S/W (circle one) Line of Section

1980 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 Bongartz "A" Well # 1

Field Name Locker Ext.

Producing Formation None

Elevation: Ground 2336 KB 2344

Total Depth 4130 PBTD

Amount of Surface Pipe Set and Cemented at 216.83 Ft.

Multiple Stage Cementing Collar Used? Yes  No

If yes, show depth set \_\_\_\_\_ Ft.

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ BK CRT

Drilling Fluid Management Plan D&A JN 11-10-97  
(Data must be collected from the Reserve Pit)

Chloride content 14,000 ppm Fluid volume 3000 bbl

Dewatering method used Evaporation

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, 200 Colorado Derby Building, 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 1-21-97

Subscribed and sworn to before me this 21st day of January 19 97.

Notary Public Katherine Bray

Date Commission Expires 6-19-2000

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SVD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

KATHERINE BRAY  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES

Operator Name Castle Resources, Inc.

Lease Name Bonartz "A"

Well # 1

Sec. 30 Twp. 13s Rge. 21

East

County Trego

West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests of interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra 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: RADIATION GUARD

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Anhydrite	1750 -94	+594
Heebner	3658	-1314
LKC	3694	-1350
Cherokee C sand	4122	-1778
RTD	4130	-1786

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 Pipe	12 $\frac{1}{4}$	8 5/8	20	216.83	60/40Poz	135	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 <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back ID <input type="checkbox"/> Plug Off Zone		N/A		

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
	N/A	

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. D&A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil N/A Bbls. Gas N/A Mcf Water N/A Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:  Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) N/A

Production Interval

# ALLIED CEMENTING CO., INC. 5265

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

ORIGINAL 15-195-22185-00-00

SERVICE POINT:  
Oakley

DATE <u>12-20-76</u>	SEC. <u>30</u>	TWP. <u>13S</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION <u>5:00 AM</u>	JOB START <u>6:15 AM</u>	JOB FINISH <u>9:30 AM</u>
LEASE <u>Bongartz</u>		WELL# <u>A-1</u>	LOCATION <u>Riga 45-1-W-14N-14W</u>		COUNTY <u>Trego</u>	STATE <u>Kan</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Discovery Drilling #2

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4130'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

OWNER Same

CEMENT

AMOUNT ORDERED 200 sks 60/40 per  
6% Gel, 1/4" Flo Seal

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER Walt

# 102 HELPER Walt

BULK TRUCK

# 212 DRIVER Dean

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

TOTAL \_\_\_\_\_

**REMARKS:**

STATE OF KANSAS  
CONSERVATION DIVISION  
Wichita, Kansas  
JAN 30 1997

25 sks @ 1775'

100 sks @ 945'

40 sks @ 270'

10 sks @ 40'

15 sks in R.H.

15 sks in 14H.

*Heater*

**SERVICE**

DEPTH OF JOB 1775'

PUMP TRUCK CHARGE 445.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ miles @ 2.85

PLUG 8 5/8 plug @ 23.00

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: Castle Resources

STREET \_\_\_\_\_

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

**FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_



**HALLIBURTON ENERGY SERVICES**

HAL-1906-P

CHARGE TO: Castle Resources  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: Hemphill TX

CUSTOMER COPY

TICKET

No.

104169 - X

15-195-22185-00-00

PAGE 1 OF 2

1. <u>Hemphill TX 23525</u>	WELL/PROJECT NO. <u>1</u>	LEASE <u>Bonguira</u>	COUNTY/PARISH <u>Ft. Trego</u>	STATE <u>K.</u>	CITY/OFFSHORE LOCATION	DATE <u>12 13 96</u>	OWNER <u>Castle</u>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR <u>D. ...</u>	RIG NAME/NO.	SHIPPED VIA <u>CL</u>	DELIVERED TO <u>...</u>	ORDER NO.
3.	WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION	<u>See 30-13-21</u>	
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
		1			MILEAGE *51145 (PIM)	30	m	1	ea	2.96	89.70
		1			Pump Service	216	hr	1	ea	605.00	605.31
		1			LAH Top Plug	1	ea	95	ea	95.00	95.21
CONSERVATION DIVISION WICHITA, KANSAS JAN 30 1997 ORIGINAL											

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED <u>X Thomas AL</u> TIME SIGNED <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 789 70 FROM CONTINUATION PAGE(S) 1,500 76 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 2,290 46
	TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
	BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					
	TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO						
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND								

**CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES.** The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT)	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE)	HALLIBURTON OPERATOR/ENGINEER	EMP #	HALLIBURTON APPROVAL
	<u>X Thomas AL</u>	<u>Ray B. Fyfe</u>	<u>30719</u>	



# JOB SUMMARY

HALLIBURTON DIVISION  
HALLIBURTON LOCATION

BILLED ON TICKET NO. 104119

## WELL DATA

15-195-22185-00-00

FIELD \_\_\_\_\_ SEC. 30 TWP. 13 RING 21 COUNTY \_\_\_\_\_ 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 \_\_\_\_\_ SET AT \_\_\_\_\_  
 BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_  
 MISC DATA \_\_\_\_\_ TOTAL DEPTH 12

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING					100	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

**ORIGINAL**

## JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 12 17 96	DATE 12 18 96	DATE 12 17 96	DATE
TIME	TIME	TIME	TIME

### TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG 1 1/4	5	WALCO
HEAD		
PACKER		
OTHER		

### 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 \_\_\_\_\_

### PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION

STATE RECEIVED  
 CONSERVATION DIVISION  
 WICHITA, KANSAS  
 JAN 30 1997

DEPARTMENT \_\_\_\_\_  
 DESCRIPTION OF JOB \_\_\_\_\_  
 JOB DONE THRU: TUBING  CASING  ANNULUS  TBG./ANN.   
 CUSTOMER REPRESENTATIVE **X** \_\_\_\_\_  
 HALLIBURTON OPERATOR \_\_\_\_\_ COPIES REQUESTED \_\_\_\_\_

## CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	130	440 P			27.01 29.02		1.6

<p><b>PRESSURES IN PSI</b></p> <p>CIRCULATING _____ DISPLACEMENT _____          BREAKDOWN _____ MAXIMUM _____          AVERAGE _____ FRACTURE GRADIENT _____          SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____          HYDRAULIC HORSEPOWER _____</p> <p>ORDERED _____ AVAILABLE _____ USED _____          AVERAGE RATES IN BPM _____</p> <p>TREATING _____ DISPL. _____ OVERALL _____          CEMENT LEFT IN PIPE _____</p> <p>FEET _____ REASON _____</p>	<p><b>SUMMARY</b></p> <p>PRESLUSH: BBL.-GAL. _____ TYPE _____          LOAD &amp; BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____          TREATMENT: BBL.-GAL. _____ DISPL.: BBL.-GAL. _____          CEMENT SLURRY: BBL.-GAL. _____          TOTAL VOLUME: BBL.-GAL. _____</p>	<p><b>VOLUMES</b></p>	<p><b>REMARKS</b></p> <p>_____</p> <p>_____</p> <p>_____</p>
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HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

19-195-22185-00-00  
 TICKET CONTINUATION CUSTOMER COPY

TICKET No. 1-11-9

CUSTOMER: Caslte Resources  
 WELL: Bongartz #1  
 DATE: 12-23-96  
 PAGE 3 OF 5

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
504-136		1			80/60 Pozmix Standard	135				8.14	1,098.90	
506-121		1			2sk Halliburton Gel@2%						n/c	
509-406		1			Calcium Chloride	3				40.75	122.25	
CONSERVATION DIVISION WICHITA, KANSAS JAN 7 0 1997 STATE OF KANSAS DEPARTMENT OF REVENUE												
500-207		1			SERVICE CHARGE					1.35	190.35	
500-306		1			MILEAGE CHARGE					1.05	89.26	
					TOTAL WEIGHT							
					11,335							
					LOADED MILES							
					15							
					CUBIC FEET							
					141							
					TON MILES							
					85.013							

ORIGINAL

No. B 339141

CONTINUATION TOTAL 1,500.76



HALLIBURTON

15-195-22185-00-00

DATE 12 13 76 PAGE NO 1

JOB LOG HAL-2013-C

CUSTOMER Castel Resources WELL NO. #1 LEASE Progress A JOB TYPE Surface TICKET NO. 104169

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500							Called out
	1800							On loc. set up 12.0.2 Ry D 11 g C 120'
								Run 8 7/8" Csg.
	2015							Csg on Bottom circulate
	2025		31.2					PER 135' w/ P. 276.0, 32.00
	2033		1.1					Return Top Plug & Depth 124' 11.00
	2035							Plug down C. total 320' 0.7 w/ P. 276.0
								Water P. R. p 12.2
								job complete

ORIGINAL

RECEIVED  
STATE CORPORATION COMMISSION  
JAN 30 1957  
CONSERVATION DIVISION  
Wichita, Kansas

*[Handwritten signature]*

CUSTOMER

ORIGINAL

Bongartz A

DST #1 4075'-4120' 45"  
45-30-15-out  
Rec 5' heavy mud  
FP 22-24  
SIP 43

15-195-22185-00-00

DST #2 4070' - 4130' 60'  
30-30-10-out  
Rec 5' mud  
FP 1-1  
SIP 46

DST #3 Straddle  
3760'-75- 15'  
30-30-10  
Rec 50' mud  
FP 37-40  
SIP 1048

RECEIVED  
STATE COMMISSION

JAN 30 1957

CONSERVATION DIVISION  
Wichita, Kansas



