

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

API NO. 15- 063-21498 0000

ORIGINAL

County Gove

-SW - SW - NE Sec. 5 Twp. 11S Rge. 28W X <sup>E</sup><sub>V</sub>

2970 Feet from (S)N (circle one) Line of Section

2310 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 Hartman Well # 1

Field Name Wildcat

Producing Formation None

Elevation: Ground 2792 KB 2800

Total Depth 4550 PBDT

Amount of Surface Pipe Set and Cemented at 209.03 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

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

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan P+A, 3-25-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 14,000 ppm Fluid volume 3000 bbls

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. \_\_\_\_\_

Operator: License # 9860

Name: Castle Resources, Inc.

Address 1200 East 27th, # C

City/State/Zip Hays, Kansas 67601

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

X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover

\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_ Temp. Abd.

\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW

X Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD

\_\_\_\_\_ Plug Back \_\_\_\_\_ PBDT

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

1/29/97 2/4/97 2/5/97

Spud Date Date Reached TD Completion Date

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 3/10/97

Subscribed and sworn to before me this 10<sup>th</sup> day of MARCH 19 97.

Notary Public KATHERINE BRAY

Date Commission Expires 6-19-2000

KATHERINE BRAY  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 6-19-2000

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 Resource Inc.

Lease Name Hart

Well # 1

Sec. 5 Twp. 11s Rge. 28w

East  
 West

County Gove

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:

*RAD. Log*

DST #1 4072-4120  
DST #2 4122-88

Name	Formation (Top), Depth and Datums		Sample
	Top	Datum	
Topeka	3668	-868	
Heebner	3886	-1086	
Toronto	3908	-1108	
L-KC	3924	-1124	
LKC Base	4180	-1380	
Mississippi	4474	-1674	
RTD	4502	-1702	

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 1/4	8 5/8	20	209.03	60/40Poz	150	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 TD <input type="checkbox"/> Plug Off Zone		N / A		

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) 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.	Producing Method
<i>P&amp;A</i>	<input 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
	<i>N-A</i>				

Disposition of Gas:

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

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

5128

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

## ORIGINAL

SERVICE POINT:

OAKLEY

DATE <u>1-29-97</u>	SEC. <u>5</u>	TWP. <u>15</u>	RANGE <u>28W</u>	CALLED OUT	ON LOCATION <u>5:30 PM</u>	JOB START <u>6:00 PM</u>	JOB FINISH <u>6:30 PM</u>
LEASE <u>HARTMAN</u>	WELL # <u>1</u>	LOCATION <u>GRAINFIELD 1E-12N-WINTO</u>			COUNTY <u>GOVE</u>	STATE <u>K</u>	

OLD OR (NEW) (Circle one)

CONTRACTOR <u>DISCOVERY REL #2</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>SURFACE</u>	CEMENT
HOLE SIZE <u>12 1/4</u>	T.D. <u>211'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>211'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	

AMOUNT ORDERED 50 SKS 60 LBS @ 28.00 = 1380.00

COMMON	<u>90 SKS</u>	@	<u>7.20</u>	<u>648.00</u>
POZMIX	<u>60 SKS</u>	@	<u>3.15</u>	<u>189.00</u>
GEL	<u>3 SKS</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5 SKS</u>	@	<u>28.00</u>	<u>140.00</u>

### EQUIPMENT

PUMP TRUCK	CEMENTER <u>TERRY</u>
# <u>200</u>	HELPER <u>WAYNE</u>
BULK TRUCK	
# <u>218</u>	DRIVER <u>DEAN</u>
BULK TRUCK	
#	DRIVER

HANDLING	<u>150 SKS</u>	@	<u>1.05</u>	<u>157.50</u>
MILEAGE	<u>4¢ per SK/mile</u>			<u>138.00</u>

TOTAL 1,301.00

### REMARKS:

DISPLACEMENT 12 3/4 BBL.

CEMENT USED CORRECT ✓

THANK YOU

### SERVICE

DEPTH OF JOB	<u>211'</u>			
PUMP TRUCK CHARGE				<u>445.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>28 miles</u>	@	<u>2.55</u>	<u>65.55</u>
PLUG	<u>878 SURFACE</u>	@		<u>45.00</u>

TOTAL 555.55

CHARGE TO: CASTLE RESOURCES, INC.

STREET 1200 E 27th, Suite "C"

CITY Hays STATE Kan ZIP 67601

### FLOAT EQUIPMENT

3-12-1997  
21 W W 1661

KANSAS COM

	@		
	@		
	@		
	@		

15-063-21498-00-00

# ALLIED CEMENTING CO., INC. 7143

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

SERVICE POINT:

Russell

## ORIGINAL

DATE <u>2-5-97</u>	SEC. <u>S</u>	TWP. <u>11</u>	RANGE <u>28</u>	CALLED OUT <u>11:00 AM</u>	ON LOCATION <u>2:30 PM</u>	JOB START	JOB FINISH <u>7:30 PM</u>
LEASE <u>Hartman</u>	WELL # <u>1</u>	LOCATION <u>Brainfield 2N</u>			COUNTY <u>Gove</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>1</u>							

CONTRACTOR Discovery Drilling #2

TYPE OF JOB Plug

HOLE SIZE 7 7/8 T.D. 4550

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

OWNER \_\_\_\_\_ CEMENT

AMOUNT ORDERED  
2000 lb 80/40. 5% gel + # F10

COMMON	<u>120</u>	@	<u>7.20</u>	<u>864.00</u>
POZMIX	<u>80</u>	@	<u>3.15</u>	<u>252.00</u>
GEL	<u>10</u>	@	<u>9.50</u>	<u>95.00</u>
CHLORIDE		@		
<u>Flo Seal</u>	<u>50"</u>	@	<u>11.5</u>	<u>575.00</u>
		@		
		@		
		@		
		@		
HANDLING		@	<u>10.5</u>	<u>210.00</u>
MILEAGE <u>23.2</u>			<u>7.9</u>	<u>184.00</u>

### EQUIPMENT

PUMP TRUCK CEMENTER Bill L

# 221 HELPER Ron

BULK TRUCK

# DRIVER

BULK TRUCK

# 160 DRIVER Darir

TOTAL 1662.50

### REMARKS:

1st plug c 2365 w/ 25 sbu ✓

2nd plug c 1400 w/ 100 sbu

3rd plug c 260' w/ 40 sbu

4th plug c 40 w/ 10 sbu

10 sbu mouse hole

15 sbu Rathole

### SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>550.00</u>
EXTRA FOOTAGE		@		
MILEAGE <u>23.2</u>		@	<u>2.85</u>	<u>65.55</u>
PLUG <u>8 5/8</u>		@		<u>27.00</u>
<u>Dry Hole</u>		@		
		@		

TOTAL 638.55

CHARGE TO: C9 Stie Res.

STREET 1200 E 27th, Suite "C"

CITY Hays STATE Kan ZIP 67601

### FLOAT EQUIPMENT

312-1997

RECEIVED

KANSAS COMM COMM

1997 MAR 12 11:21 AM

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

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

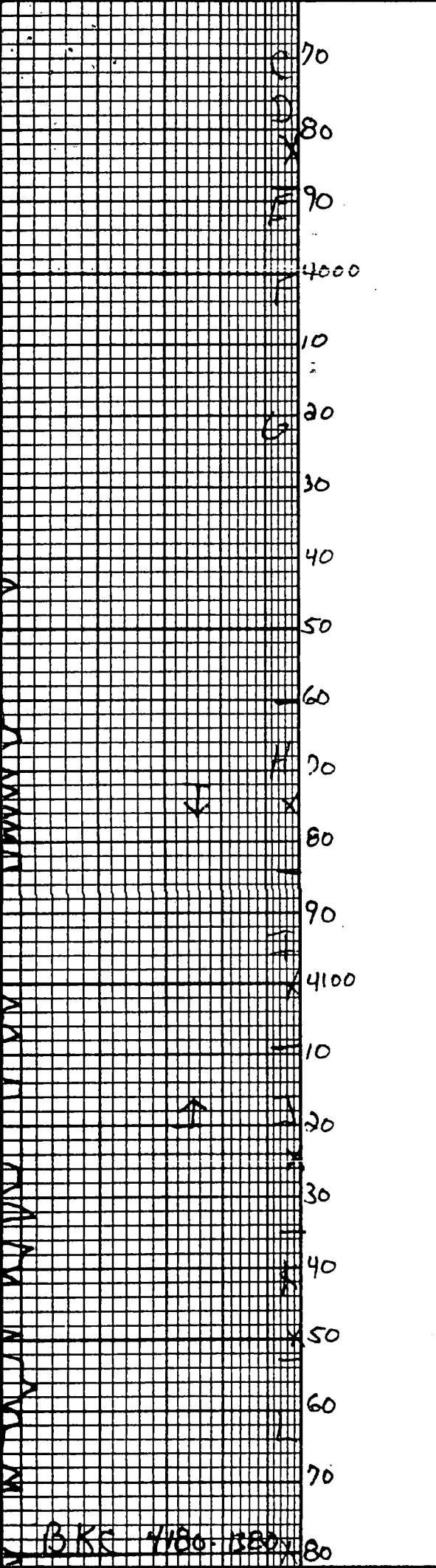
\_\_\_\_\_ @ \_\_\_\_\_

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

15-063-21498-00-00

ORIGINAL

15-063-21498



Lms wh to offwh  
Foss Fx barren

Lms wh to offwh  
Fx Foss barren

Lms wh to twfx  
barren

Rd + Green shale

Lms tr FO + st  
inter Por

Lms offwh to tr  
tr to um FO + st chert  
inter Por

-- --

Lms offwh Fx mFO +  
st inter Foss Por Ltodor  
+ p. vng Por

Lms wh to offwh chalky  
to fm tr FO + st

DST #1 4072-4100  
30-30-15 48

Rec 15' mud  
FP 24-28  
SIP 36

DST #2 4122-88  
66'

30-30-15  
Rec 15' mud  
FP: 28-32  
SIP 37

3-12-1997  
RECEIVED  
SAS CORP  
12-21-97

BKE 4180-1380