

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

Operator: License # 9860Name: Castle Resources, Inc.Address 1200 East 27th, # CCity/State/Zip Hays, Kansas 67601

Purchaser: _____

Operator Contact Person: Jerry GreenPhone (913) 625-5155Contractor: Name: Discovery Drilling, Inc.License: 31548Wellsite Geologist: Jerry Green

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:

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. _____1/29/972/4/972/5/97

Spud Date

Date Reached TD

Completion Date

API NO. 15- 063-21498 0000County Gove-SW - SW - NE Sec. 5 Twp. 11S Rge. 28W ☒ ^E/_V2970 Feet from ☒ S/N (circle one) Line of Section2310 Feet from ☒ E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, ☒ SE, NW or SW (circle one)Lease Name Hartman Well # 1Field Name WildcatProducing Formation NoneElevation: Ground 2792 KB 2800Total Depth 4550 PBTD _____Amount of Surface Pipe Set and Cemented at 209.03 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ 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+H, 3-25-98 U.C.
(Data must be collected from the Reserve Pit)Chloride content 14,000 ppm Fluid volume 3000 bblsDewatering 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 PresidentDate 3/10/97Subscribed and sworn to before me this 10th day of MARCH, 19 97.Notary Public KATHERINE BRAYDate Commission Expires 6-19-2000

KATHERINE BRAY
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 1-19-2000

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) IS

Y900

SIDE TWO

98791

Operator Name Castle Resource, Inc.Lease Name HartWell # 1Sec. 5 Twp. 11S Rge. 28W☐ East
☒ WestCounty Gove

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests 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
(Attach Additional Sheets.)☒ Yes ☐ No

Samples Sent to Geological Survey

☐ Yes ☒ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ No

List All E.Logs Run:

RAD Log

DST #1 4072-4120
DST #2 4122-88☒ Log

Formation (Top), Depth and Datums

☐ Sample

Name

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 Perc Additives
Surface Pipe	12 $\frac{1}{4}$	8 5/8	20	209.03	60/40Poz	150	2%Gel&3%C

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		N / A		
<input type="checkbox"/> 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
	N / A		

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj.	Producing Method	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
P&A		

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

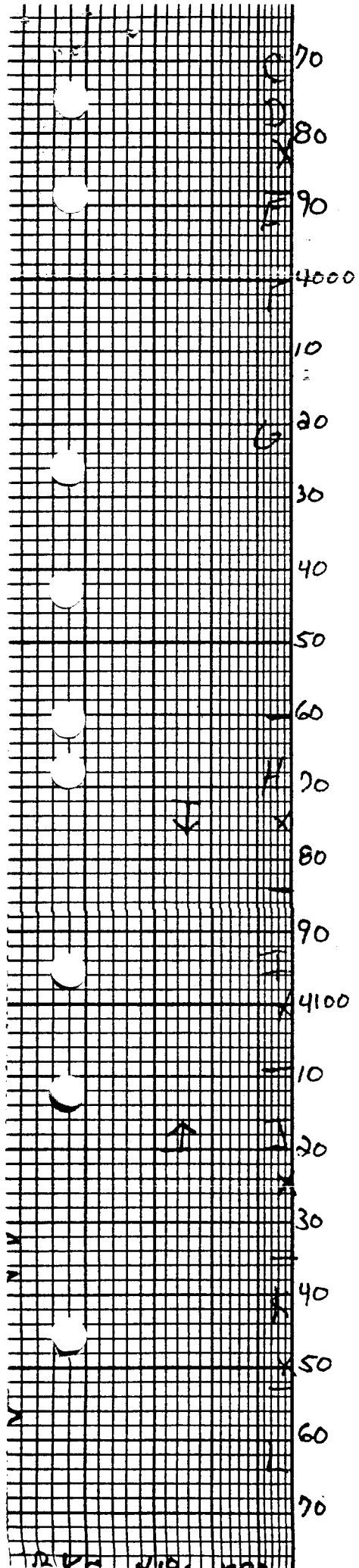
Disposition of Gas:

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

METHOD OF COMPLETION

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

Production Interval



Lms wh to offwh Foss Fx barren
Lms wh to offwh Fx Foss barren
Lms wh to +N Fx barren
Rd + Green shine
Lms tr FO + st inter Por
Lms offwh to +N tr to um FO + st chert inter Por
Lms offwh Fx m FO + st inter Foss Por Ltodor + P. vng Por
Lms wh to offwh chalky to fm tr FO + st

ORIGINAL

15-063-21498

DST #1 4072-480
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

RECEIVED
KANSAS GEOLOGICAL SURVEY
1971 MAR 12 P. 12-21