

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

Operator: License # 9860

Name: Castle Resources Inc.

Address 1200 E. 27, Suite C

City/State/Zip Hays, KS 67601-2120

Purchaser: _____

Operator Contact Person: Jerry Green

Phone (913) 625-5155

Contractor: Name: Emphasis Oil Operations

License: 8241

Wellsite Geologist: Jerry Green

Designate Type of Completion
 New Well _____ Re-Entry _____ Workover _____

Oil _____ SWD _____ S10W _____ Temp. Abd.
 Gas _____ ENHR _____ SIGW _____
 Dry _____ Other (Core, MSW, 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. _____

10/3/91 10/11/91 11/8/91
Spud Date Date Reached TD Completion Date

API NO. 15- 063-21,412

County Gove

SW NW NE Sec. 1 Twp. 15s Rge. 30 X E
W

4290 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 Ziegenbalg Well # 1

Field Name Lundgren

Producing Formation Myrick Station

Elevation: Ground 2625' KB 2629'

Total Depth 4348' PBDT 4225'

Amount of Surface Pipe Set and Cemented at 212 Feet
204'

Multiple Stage Cementing Collar Used? _____ Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from TD

feet depth to surface w/ 480 sx cnt.

Drilling Fluid Management Plan ALT 2 9/23/92 JAH
(Data must be collected from the Reserve Pit)

Chloride content 1500 ppm Fluid volume 200 bbls

Dewatering method used allowed to dry - backfill

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 business have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Baker D. McFarland

Title Chief Operating Officer Date 6/23/92

Subscribed and sworn to before me this 23 day of June
9 92.

Notary Public Chris Schumacher

Date Commission Expires 5-8-96

CHRIS SCHUMACHER
State of Kansas
My Appt. Exp. 5-8-96

STATE CORPORATION COMMISSION RECEIVED
JUL 26 1992
K.C.C. OFFICE USE ONLY
F _____ Letter of Confidentiality Attached
C Wireline Log Received
C _____ Geologist Report Received
Distribution
 KCC _____ SWD/Rep _____ NSPA
 KGS _____ Plug _____ Other _____
(Specify)

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

Sec. 1 Twp. 15s Rge. 30 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	2039	+ 590
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3646	-1017
List All E.Logs Run:		Lansing-KC	3686	-1057
dual induction, micro, compensated		Marmaton	4023	-1394
neutron density, computer computation,		Pawnee	4116	-1487
artificial radiation guard, & sonic cement		Myrick Station	4144	-1515
bond		Fort Scott	4175	-1546
		Mississippi	4272	-1643
		Miss. Dolomite	4302	-1673
		TD	4348	-1719

CASING RECORD <input checked="" type="checkbox"/> & <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 (N)	12 1/4"	8 5/8"	20	212'	60/40 Poz	135	2% gel 3% cc
production (U)	7 7/8"	4 1/2"	9.5 & 10.5	4347'	HDL & Thixotropic	480	10% calseal 1% cc 1/8# flocele 5# gilsonite

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				

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
4	4152-4159'	Myrick Station	250 gal. 15% MCA acid 1250 gal. 15% NE acid	4159'
4	4255-4259'	Johnson	250 gal. 15% MCA acid 1500 gal. 15% SGA acid	4259'
4	4302-4305'	Mississippi Dolomite	250 gal. 15% MCA acid	4305'
	cast iron bridge plugs set at 4225' & 4330'			

TUBING RECORD		Size 2 3/8"	Set At 4221'	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Date of First, Resumed Production, SWD or Inj. 11/8/91			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	Bbls. 100	Gas	Mcf	Water Bbls. 1	Gas-Oil Ratio	Gravimetric 36

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Other (Specify)

Production Interval: 4152-4159'