

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

COPY

API NO. 15- 179-21,058

County Sheridan

S/2 - SW - SE - Sec. 21 Twp. 9S Rge. 26 X E W

Operator: License # 9860

Name: Castle Resources, Inc.

Address 1200 E. 27th St., Suite C

City/State/Zip Hays, KS 67601

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 S1OW 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 PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

11/10/92 11/22/92 11-22-92
Spud Date Date Reached TD Completion Date

330 Feet from S (circle one) Line of Section

1980 Feet from E (circle one) Line of Section

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

Lease Name Corke Well # 1

Field Name Corke S.E.

Producing Formation _____

Elevation: Ground 2640' KB 2645'

Total Depth 4160' PBD _____

Amount of Surface Pipe Set and Cemented at 246.60 Feet

Multiple 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 12-1 P-92 B/D
(Data must be collected from the Reserve Pit)

Chloride content 7,000 ppm Fluid volume 200 bbls

Dewatering method used Air Dried & Backfilled

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 Tom A. Wellman

Title Production Superintendent Date 12-1-92

Subscribed and sworn to before me this 1st day of December, 19 92.

Notary Public Chris Schumacher

Date Commission Expires 5-8-96

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Report

C Geologist Report

STATE OF KANSAS

Distribution

KCC SWD/Plug NSPA Other

KGS

RECEIVED
KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WICHITA, KANSAS

1992

Specify



68948

Operator Name Castle Resources, Inc. Lease Name Corke Well # 1
 Sec. 21 Twp. 9S Rge. 26 East County Sheridan
 West

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: Radiation Guard Log

Name	Formation (Top), Depth and Datums		Datum
	Top		
Anhydrite	2286		+ 364
Topeka	3655		-1010
Heebner	3866		-1221
Toronto	3887		-1242
Lansing	3907		-1262
Muncie Creek	4025		-1380
Stark Shale	4097		-1453
Base/Kansas City	4138		-1493
RTD	4160		-1515

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	12 1/4	8 5/8	24#	246	60/40 Poz	175	2% Gel, 3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Perforate				
Protect Casing				
Plug Back TD				
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

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 <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

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: _____

Corke #1 D.S.T. Results

COPY

D.S.T. #1: 3938'-3975' Lansing C,D
30-30-30-30
Rec.: 124' Muddy Salt Water,
558' Salt Water
IHP: 1912 psi
IFP: 41-186 psi
ISIP: 1140 psi
FFP: 205-320 psi
FSIP: 1131 psi
FHP: 1891 psi

D.S.T. #2 4090'-4160' Lansing K,L
35-35-35-35
Rec.: 402' G.I.P.
55' Clean Gassy Oil-33"
100' Gassy Mud Cut Oil-15% Gas/50% Oil/35% Mud
IHP: 1998 psi
IFP: 72-93 psi
ISIP: 371 psi
FFP: 105-116 psi
FSIP: 310 psi

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STATE CONSERVATION COMMISSION

DEC 3 1992

CONSERVATION DIVISION
MICHIGAN DEPARTMENT OF NATURAL RESOURCES