

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

API NO. 15- 179-21,061

16-9-27W

County Sheridan

C-S/2-NW-NE Sec. 16 Twp. 9S Rge. 27 X W E

Operator: License # 9860

4290 Feet from ③ (circle one) Line of Section

Name: Castle Resources, Inc.

1980 Feet from ⑥ (circle one) Line of Section

Address 1200 E. 27th St., Suite C

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

City/State/Zip Hays, KS 67601

Lease Name Popp Well # 3

Purchaser: _____

Field Name _____

Operator Contact Person: Jerry Green

Producing Formation _____

Phone (913) -625-5155

Elevation: Ground 2729' KB 2734'

Contractor: Name: Emphasis Oil Operations

Total Depth 4150' PBTD _____

License: 8241

Amount of Surface Pipe Set and Cemented at 251' Feet

Wellsite Geologist: Jerry Green

Multiple Stage Cementing Collar Used? Yes X No

Describe Type of Completion

If yes, show depth set _____ Feet

New Well Re-Entry Workover

If Alternate II completion, cement circulated from _____

Oil SWD SLOW Temp. Abd.

feet depth to _____ w/ _____ ex cmt.

Gas ENHR SIGW

Drilling Fluid Management Plan 3-27-93

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

(Data must be collected from the Reserve Pit)

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

Chloride content 10,000 ppm Fluid volume 400 bbls

Operator: _____

Dewatering method used Air Dry & Backfill

Well Name: _____

Comp. Date _____ Old Total Depth _____

Location of fluid disposal if hauled offsite: _____

Deepening Re-perf. Conv. to Inj/SWD

Operator Name _____

Plug Back PBTD

Lease Name _____

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

7/93 3/6/93 3/7/93

Spud Date Date Reached TD Completion Date

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

COPY

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. Rules 82-3-133, 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 Troy Williamson

Title Production Superintendent Date 3/9/93

Subscribed and sworn to before me this 9th day of March 19 93.

Notary Public Chris Schumacher

Date Commission Expires 5/8/96

K.C.C. OFFICE USE ONLY

F Letter of Confidentiality Attached

C Wireline Log Received

C Geologist Report Received

Distribution

KCC SWD/Reg. Coord.

KGS Plug

(Specify)

RECEIVED IS
STATE CORPORATION COMMISSION
MAR 11 1993



69123

Operator Castle Resources, Inc.

Lease Name Popp

Well # 3

East

County Sheridan

Sec. 16 Twp. 9S Rge. 27

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 w/Caliper

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	2316'	+ 418
Heebner	3835'	-1101
Toronto	3860'	-1126
Lansing	3871'	-1137'
Base Kansas City	4107'	-1373
Rotary Total Depth	4150'	-1416

CASING RECORD <input type="checkbox"/> New <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	12 1/4"	8 5/8"	20#	251'	60/40 Poz	160	2% Gel, 3% CD

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose:	Depth Top	Depth 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

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: _____