KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33192
Name: Crown Energy Company
Address: P.O. Box 249
City/State/Zip: El Dorado, Ks 67042
Purchaser: STG
Operator Contact Person: Dallas Flowers
Phone: (316) 321-0550
Contractor: Name: C&G Drilling Inc.
License: 32701
Wellsite Geologist: William Stout

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:
Original Comp. Date: ___ Original Total Depth: ___
___ Deepening ___ Re-perf. ___ Conv. to Enhr./SWD
___ Plug Back ___ Plug Back Total Depth
___ Commingled Docket No.
___ Dual Completion Docket No.
___ Other (SWD or Enhr.?) Docket No.

02/21/03	02/25/03	03/07/03
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 015-23636
County: Butler
390' - E of - C - E2 Sec. 17 Twp. 25 S. R. 5 ☑ East ☐ West
2640 feet from S (N) (circle one) Line of Section
930 feet from (E) W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: L.W. Robison S Well #: 22
Field Name: El Dorado
Producing Formation: Mississippi
Elevation: Ground: 1377' Kelly Bushing: 1384'
Total Depth: 2586' Plug Back Total Depth: 2564'
Amount of Surface Pipe Set and Cemented at 211 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
(Data must be collected from the Reserve Pit)

Chloride content ___ ppm Fluid volume ___ bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name: N/A
Lease Name: ___ License No.: ___
Quarter ___ Sec. ___ Twp. ___ S. R. ___ ☐ East ☐ West
County: ___ Docket No.: ___

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: [signature]
Title: agent Date: 6/05/03
Subscribed and sworn to before me this 5 day of June, 19 2003
Notary Public: Rhonda L Mashburn
Date Commission Expires: 2/24/06

RHONDA L. MASHBURN

KCC Office Use ONLY

___ Letter of Confidentiality Attached
If Denied, Yes ☐ Date: ___
___ Wireline Log Received
___ Geologist Report Received
___ UIC Distribution

Operator Name: Crown Energy Company Lease Name: L.W. Robison S Well #: 22

Sec. 17 Twp. 25 S. R. 5 ☑ East ☐ West County: Butler

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

Copy Attached

☑ Log Formation (Top), Depth and Datum ☑ Sample

Name	Top	Datum
Admire 660'	662	+722
Kansas City	2057	-673
Marmaton	2271	-887
Cherokee	2407	-1023
Ardmore	2462	-1078
Mississippi Lime	2473	-1089
Mississippi Chert	2514	-1130

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	# Sacjs Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24	211'	Reg	125	3% CaCl
Production	7-7/8"	5-1/2"	15.5	2585'	Reg	125	375# gilsonite

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

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
1	2514' to 2542'	250 gal 15% mud acid, 20,000# 20/40 sand + 500 bbl gelled KCL water	

TUBING RECORD Size: 2-7/8" Set At: 2515' Packer At: Liner Run ☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.: 03/13/2003

Producing Method ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	15	TSTM	210		40

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: ____