

20-34-31W

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

API NO. 15- 175-21310

County Seward
15' S of N/2 SW SW
Sec. 20 Twp. 34S Rge. 31 X W

COPY

Operator : License # 30444

975' Feet from S (circle one) Line of Section

Name: Charter Production Company

660' Feet from E (circle one) Line of Section

Address 224 E. Douglas Suite 400

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

Wichita, KS 67202

KCC

City/State/Zip _____

AUG 10

Purchaser: Panhandle Eastern

Lease Name Good A (formerly Well #3
Good "A" Twin)

Operator Contact Person: Jerald W. Rains

Field Name Blue Bell NW

Phone (316) 264-2808

Producing Formation Novinger

Contractor Name: Zenith Drilling Corporation

Elevation: Ground 2726' KB _____

License: 5141

Total Depth 5450' PBTD _____

Wellsite Geologist: Chuck Schmaltz

Amount of Surface Pipe Set and Cemented at 33 jts, 1477 Feet

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

Multiple Stage Cementing Collar Used? _____ Yes X No

Oil _____ SWD _____ S10W _____ Temp. Abd.

If yes, show depth set _____ Feet

Gas _____ ENHR _____ SIGW _____

If Alternate II completion, cement circulated from _____

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

feet depth to _____ w/ _____ sx cnt.

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

Drilling Fluid Management Plan 2-17-93
(Data must be collected from the Reserve Pit)

Operator: _____

Chloride content 4800 ppm Fluid volume 8067 bbls

Well Name: _____

Dewatering method used Evaporation & Deflocculation

Comp. Date _____ Old Total Depth _____

Location of fluid disposal hailed offsite:

Deepening _____ Re-perf. _____ Conv. to Inj/SWD _____

RELEASED

Plug Back _____ PBTD _____

OCT 26 1995

Commingled _____ Docket No. _____

Operator Name _____

Dual Completion _____ Docket No. _____

Lease Name FROM CONFIDENTIAL Lease No. _____

Other (SWD or Inj?) _____ Docket No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W _____

4/15/93 4/26/93 5/11/93

County _____ Docket No. _____

Spud Date _____ Date Reached TD _____ Completion Date _____

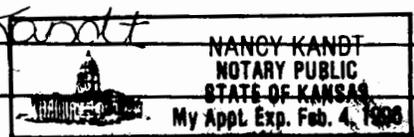
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado
Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well.
Rules 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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.

I certify that the 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 Jerald W. Rains
Title Operations Manager Date 8/9/93

Subscribed and sworn to before me this 9th day of August

Notary Public Nancy Kandt
My Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
AUG 11 1993
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify) _____

WLF-48-02

SIDE TWO

Operator Name Charter Production Company

Lease Name Good "A"

Well # 3

Sec. 20 Twp. 34 Rge. 31

East
 West

County Seward

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.)

Log Formation (Top), Depth and Datum Sample
Name Top Datum
See geologist's log

List All E.Logs Run:
Micro-Resistivity, Neutron Density &
Gamma Induction

PLEASE KEEP ALL INFORMATION CONFIDENTIAL

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#	1477'	Pacesetter	525	5% salt, CLC 2%
Production	7 1/2"	5 1/2"	15.5#	5499'	EA-2	175	--

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input checked="" 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 Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	
	4	5295'-97'		250 Gal, 15% FE acid

CASING RECORD Size 2 7/8" Set At 5287' Packer At Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. /22/93 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		295			

Position of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Comminuted
METHOD OF COMPLETION Production Interval 5295'-97'