13-31S-39W

FORM MUST BE TYPED

SIDE ONE

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

COPY

CONFIDENTIAL 2nd

API NO. 15- 189-21617

County Stevens

S/2 N/2 SE Sec. 13 Twp. 31 Rge. 39 E X W

1650 Feet from (S) N (circle one) Line of Section

1320 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 Kanco "A" Well # 1

Field Name Development

Producing Formation NA

Elevation: Ground 3204' KB 3215'

Total Depth 6054' PBTD

Amount of Surface Pipe Set and Cemented at 38jts,1705' Feet

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from 1705'

feet depth to surface w/ 735 sx cmt.

Drilling Fluid Management Plan CB 12-7-94
(Data must be collected from the Reserve Pit) D&A

Chloride content 600 ppm Fluid volume 3570 bbls

Dewatering method used Evaporation & Deflocculation

Location of fluid disposal if hauled offsite:

Operator Name ____

Lease Name ____ License No. ____

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

County ____ Docket No. ____

Operator: License # 30444

Name: Charter Production Company

Address 142 N. Mosley

City/State/Zip Wichita, KS 67202

Purchaser: NA

Operator Contact Person: Jerald W. Rains

Phone (316) 263-4906

Contractor: Name: Zenith Drilling Corporation

License: 5141

Wellsite Geologist: Gary Wilkins

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
X Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

RELEASED

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

Operator: ____

JUL 15 1996

Well Name: ____

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Comp. Date ____ Old Total Depth ____

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back ____ PBTD
____ Commingled Docket No. ____
____ Dual Completion Docket No. ____
____ Other (SWD or Inj?) Docket No. ____

4/15/94 Spud Date | 4/30/94 Date Reached TD | 5/1/94 Completion Date

KCC

JUN 17

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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 Jerald W. Rains

Title Operations Manager Date 6/16/94

Subscribed and sworn to before me this 16th day of June, 19 94.

Notary Public Nancy Kandt

Date Commission Expires 2/4/96

NANCY KANDT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. Feb. 4, 1996

K.C.C. OFFICE USE ONLY
F ✓ Letter of Confidentiality Attached
C ✓ Wireline Log Received
C ____ Geologist Report Received

RECEIVED
STATE CORPORATION COMMISSION
JUN 20 1996
CONSERVATION DIVISION
Wichita, Kansas

Distribution
✓ KCC SWD/Rep NGPA
✓ KGS Plug Other (Specify)

FS

Form ACO-1 (7-91)

SIDE TWO

Operator Name Charter Production Company Lease Name Kanco "A" Well # 1

Sec. 13 Twp. 31 Rge. 39 ☐ East ☒ West County Stevens

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.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List All E.Logs Run:

Neutron Density, Sonic, Microlog, Geologist's & Dual Induction

☐ Log Formation (Top), Depth and Datums ☐ Sample

Name Top Datum

See attached

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 casing	12 1/4"	8 5/8"	24#	1705'	Premium Lite Premium	585 150	2% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: NA	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 ☐ Yes ☐ No

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

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

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

_____

_____

13-31s-39W

CONFIDENTIAL

CHARTER PRODUCTION COMPANY
142 NORTH MOSLEY
WICHITA, KANSAS 67202
316-263-4906

KANCO "A" #1-1993 HPEP
DEVELOPMENT WELL
C S/2 N/2 SE
SECTION 13-31S-39W
STEVENS COUNTY, KANSAS
MOOSE PROSPECT

ORIGINAL

3204' GL
3215' KB

DAILY DRILLING REPORT

4-21-94 7:00 a.m. 3900' OPERATION: DRILLING.
DST #1: 4040'-4070' 15"-45"-30"-90"
RECOVERED: 100' DRILLING MUD
Initial Hydrostatic Pressure: 1900# Final Hydrostatic Pressure: 1868#
Initial Flow Pressure: 44#-55# Final Flow Pressure: 65#-68#
Initial Shut In Pressure: 970# Final Shut In Pressure: 965#

4-27-94 7:00 a.m. 5745'
DST #2: 5678'-5745' Morrow Sandstone 20"-60"-60"-150"
RECOVERED: 70' DRILLING MUD
Initial Hydrostatic Pressure: 2770# Final Hydrostatic Pressure: 2756#
Initial Flow Pressure: 60#-62# Final Flow Pressure: 67#-67#
Initial Shut In Pressure: 245# Final Shut In Pressure: 605#
BHT: 146°

4-28-94 7:00 a.m. 5808'
DST #3: 5738'-5808' Keyes Sand 20"-60"-60"-120"
RECOVERED: 700' SALT WATER CUT MUD
First Flow Period: Good Blow, 7" in the bucket
Second Flow Period: Fair Blow, 5" in the bucket
Initial Hydrostatic Pressure: 2820# Final Hydrostatic Pressure: 2775#
Initial Flow Pressure: 178#-222# Final Flow Pressure: 278#-290#
Initial Shut In Pressure: 2190# Final Shut In Pressure: 1956#
BHT: 151°

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JUL 1 5 1996

FROM CONFIDENTIAL

KCC

JUN 1 7

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STATE CORPORATION COMMISSION

JUN 2 0 1994

CONSERVATION DIVISION
Wichita, Kansas