

18-31-38W

CONFIDENTIAL

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

Operator: License # 30444

Name: Charter Production Company

Address 224 E. Douglas Suite 400

City/State/Zip Wichita, KS 67202

Purchaser: NA

Operator Contact Person: Jerald Rains KCC

Phone (316) 263-4906 **JAN 2 8**

Contractor: Name: Zenith Drilling Corporation

License: 5141

Wellsite Geologist: Robert Smith

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOV Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSV, Expl., Cathodic, etc)

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

Operator: RELEASED

Well Name: 1 4 1996

Comp. Date Old Total Depth

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

11-20-93 12-5-93 1-6-94
Spud Date Date Reached TD Completion Date

API NO. 15- 189-21593

County Stevens County

C - SE - SE - Sec. 18 Twp. 31S Rge. 38W

660 Feet from S (circle one) Line of Section

660 Feet from E (circle one) Line of Section

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

Lease Name Kanco Properties Well # 1

Field Name Wildcat

Producing Formation Morrow

Elevation: Ground 3171' KB 3182'

Total Depth 6100' PBDT

Amount of Surface Pipe Set and Cemented at 38fts, 1708 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 cat.

Drilling Fluid Management Plan 4-20-94 CB
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 1500 bbls

Dewatering method used Evaporation & Deflocculation

Location of fluid disposal if hauled offsite:

Operator Name KANSAS CORPORATION COMMISSION

Lease Name License No.

 Quarter Sec. Twp. 31 1994 Rng. E/W

County CONSERVATION DIVISION
WICHITA, KS

COPY

RECEIVED

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 confidentially 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 Rains

Title Operations Manager Date 1/28/94

Subscribed and sworn to before me this 28th day of January, 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
Distribution
 KCC SVD/Rep NGPA
 KGS Plug Other (specify)

Operator Name Charter Production Company Lease Name Kanco Properties Well # 1
 Sec. 18 Twp. 31S Rge. 38W East County Stevens
 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.)

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

See Geologist's Log

List All E.Logs Run:
 Dual Induction, Sonic, Microlog, Neutron & Geologist's Log

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#	1708'	Prem Lite	605	2% CA
dv tool				3145'	Halco Lite	150	2% CA
production casing		5 1/2	15.5#	3145'	EA2	175 & 50 Lite	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top 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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	MORROW 5664'-82'	fractured with 21,800 gls of 65 quality N2 foam & 21,600 lb acidized 750 gallons	5664'-82' 20 Carbonite 5664'-82'

TUBING RECORD Size 2 3/8" Set At 6048' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 1/6/94 Producing Method Flowing Pumping Gas Lift 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 METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Production Interval 5664'-82'