

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

ORIGINAL

API NO. 15- 175-21310-0001 **CONFIDENTIAL**

County Seward

A5'S N2 SW-SW Sec. 20 Twp. 34s Rge. 31 ^E_W

Operator: License # 30444

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

660' Feet from X/W (circle one) Line of Section

Name: Charter Production Co.

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

Address 224 E. Douglas, Suite 400

Lease Name Good "A" Well # 3

City/State/Zip Wichita, Ks. 67202

Field Name Blue Bell NW

Purchaser: Koch Oil Company

Producing Formation Drum

Operator Contact Person: Jerald W. Rains

Elevation: Ground 2726' KB _____

Phone (316) 264-2808

Total Depth 5450' PBDT _____

Contractor: Name: Mid Western Well Service,

Inc.

License: 5112

Amount of Surface Pipe Set and Cemented at _____ Feet

Wellsite Geologist: Robert Moorhead, Engineer

Multiple Stage Cementing Collar Used? _____ Yes X No

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

If yes, show depth set _____ Feet

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

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cnt.

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

Operator: Charter Production Co.

Well Name: Good A #3

Comp. Date _____ Old Total Depth _____

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

8-2-93 8-4-93
Spud Date Date Reached TD Completion Date

Management Plan
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Cementing method used _____

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

____ Section _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

FROM CONFIDENTIAL

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 _____

Title Operation Manager Date 11/30/93

Subscribed and sworn to before me this 30th day of November, 19 93.

Notary Public Jo Ann Shaden

Date Commission Expires 4-14-97

JO ANN SHADEN
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 4-14-97

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

Operator Name Charter Production Co.

Lease Name Good "A" #3

Well # 3

15° S-N2-SW-SW
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.)

List All E.Logs Run:

None on Recompletion

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

Recompleted Drum 4861'-63'

CASING RECORD <input type="checkbox"/> New <input 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

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 shots per foot	4861'-63'	300 gals 15% NE FE Acid	4861'-63'
	Bridge Plug at 5280'		

TUBING RECORD Size 2 7/8" Set At 4905' Packer At Liner Run Yes No

Date of First Resumed Production SWD or Inj. August 5, 1993 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 95 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

TREATMENT REPORT



SERVICE FRACTURING COMPANY

CONFIDENTIAL

Customer	Chart Prod Co	Date	9-2-95	Lease	Grand	Well #	7
Field Order #	11269	Station	Intercal	Casing	5 1/2	County	Sevier
Type Job	Hard Rock shale		Formation	Kaiser		Legal Description	Sec. 20 - 24.5 - 34.0

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	5 1/2	Shots/Ft	4 1/2"	Acid	3000 15% HCl	RATE	PRESS	ISIP
Depth	4905	From	4361 To 63	Pre Pad				
Volume	117 cu	From		Pad	ORIGINAL	Min	?	10 Min.
Max Press	1500	From		Frac		Avg	2	15 Min.
Well Connection	2 7/8	Annulus Vol.	77.5	Flush		HHP Used		Annulus Pressure
Plug Depth	None	Packer Depth		Flush	56 gal water	Gas Volume		Total Load

Customer Representative: **Ralph Moore** Station Manager: **W. J. H. Parker** Treater: **T. J. J.**

Service Units: 2490 564 6645

Time	Csg. Pressure	Tbg. Pressure	Bbls. Pumped	Rate	Service Log
				KCC	on loc @ 12:00
				DEC 1	Service Log Rig up @ 12:30
				CONFIDENTIAL	Safety meeting @ 12:35
1:02	0	0	0	2.0	1:00 Primer Test to 2000
1:27			80	2.2	START 2% wgt TRG
1:30			7	3.0	START 15% NS FF Acid to spot
1:31			6 (95%T)	2.8	START 2% KCl water
1:33			11 (99.3%T)	2.9	Caught Fluid
1:37	300		22.1	3.0	Well circulating
1:43	270		10	0	Close Annulus to Pluck down
	None			0	Shut Down Acid Flushed
					pumped 700L Acid
					pumped 10 PRT Flush
					pumped 102 to circulate / spot
					RELEASED
					FEB 14 1995
					FROM CONFIDENTIAL
					Thanks

RECEIVED
STATE CORPORATION COMMISSION

DEC 02 1995

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER COPY



HALLIBURTON ENERGY SERVICES

REMIT TO: P.O. BOX 951046 DALLAS, TX 75395-1046

INVOICE

CONFIDENTIAL

INVOICE NO.	DATE
415300	08/02/1993

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
OOD A-3	SEWARD	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
AMPA		WELL MAINTENANCE	08/02/1993
ACCT NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
55799	ROBERT MOOREHEAD		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	54680

ORIGINAL

KCC

DIRECT CORRESPONDENCE TO:

CHARTER PRODUCTION
224 E. DOUGLAS, SUITE 400
WICHITA, KS 67202

DEC 1

OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

CONFIDENTIAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	PRICING AREA - HLS LAND				
50-500	SERVICE CHARGE-CASED HOLE-LA	1	EA	900.00	900.00
51-100	HYDRAULIC LINE WIPER INSTALL	1	PSI	200.00	200.00
		1	DAY		
57-000	SET BRIDGE PLUG	5280	FT	.25	1,320.00
7	EZ DRILL BRIDGE PLUG 5 1/2"	1	EA	1,060.00	1,060.00
803-849					
57-300	SCREWPORT CASING GUNS DEPTH	4863	FT	.17	826.71
57-305	SCREWPORT CASN GUN 4SH/FT	4863	FT	130.00	390.00MNM
		2	IVL		

RELEASED

INVOICE SUBTOTAL

FEB 14 1995

4,696.71

DISCOUNT - (BID)
INVOICE BID AMOUNT

FROM CONFIDENTIAL

1,818.35
2,878.36

* KANSAS STATE SALES TAX
* SEWARD COUNTY SALES TAX

89.10
18.18

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STATE CONSERVATION COMMISSION

DEC 02 1995

CONSERVATION DIVISION
Wichita, Kansas

02-30

Handwritten signatures and initials

INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>

\$2,985.64

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney's fees and costs.