

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

API NO. 15- 175-21265-000 ORIGINAL
County Seward
NW NW Sec. 29 Twp. 34S Rge. 31 X W

CONFIDENTIAL

Operator: License # 30444
Name: Charter Production Company
Address 142 N. Mosley
Wichita, KS 67202
City/State/Zip _____
Purchaser: Aquila Energy Marketing
Operator Contact Person: Jerald Rains
Phone (316) 263-4906
Contractor: Name: Pratt Well Service
License: 5893
Wellsite Geologist: Bob Moorehead
Designate Type of Completion
New Well Re-Entry X Workover

660 Feet from S(N) (circle one) Line of Section
660 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 Sprinkle Well # 1
Field Name _____
Producing Formation Morrow
Elevation: Ground 2718' KB _____
Total Depth 6470' PBTD 5930
Amount of Surface Pipe Set and Cemented at NA 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/RELEASED sx cmt.

JUL 13
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Oil SWB SIOW Temp. Abd.
X Gas ENHR SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc)

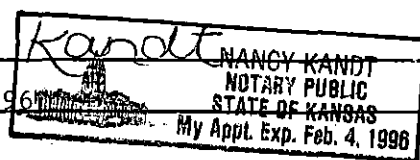
If Workover/Re-Entry: old well info as follows:
Operator: Charter Production Company
Well Name: Sprinkle #1
Comp. Date 10-15-92 Old Total Depth 6470'
Deepening X Re-perf. Conv. to Inj/SWB
Plug Back PBTD
Commingled Docket No.
Dual Completion Docket No.
X Other (SWB or Inj?) Docket No.
Converted to gas well
3/15/94 Spud Date Date Reached TD 3/30/94 Completion Date

Drilling Fluid Management Plan
(Data must be collected from the Record of Completion)
Chloride content FROM CONFIDENTIAL bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite:
KANSAS CORPORATION COMMISSION
Operator Name _____
Lease Name JUL 13 1994 License No. _____
Quarter Sec. Twp. S Rng. E/W
County WICHITA, KS Docket No. _____

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 [Signature]
Title Operations Manager Date 7/13/94
Subscribed and sworn to before me this 13th day of July 19 94
Notary Public Nancy Kandt
Date Commission Expires 2/4/96



K.C.C. OFFICE USE ONLY
F 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 Company Lease Name Sprinkle Well # 1

Sec. 29 Twp. 34S 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 (Submit Copy.) Yes No

List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
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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
Production Csg	7 7/8"	5 1/2"	15.5#	5985'	EA-2	150 sxs	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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	5806'-11'	5806'-11'
	DV Tool @	4622'-25'	7 1/2%	DSFE acid
4	4408'-4412'	} NOT PRODUCED	KGS	N/A
4	4466'-4480'		27	N/A

TUBING RECORD Size 2 3/8" Set At 5808' RETRIEVABLE PICKER At 5728' Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 4/6/94 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
		810			

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 5806'-11'

ORIGINAL

CHARTER PRODUCTION CO. RECOMPLETION
WELL COMPLETION WORK

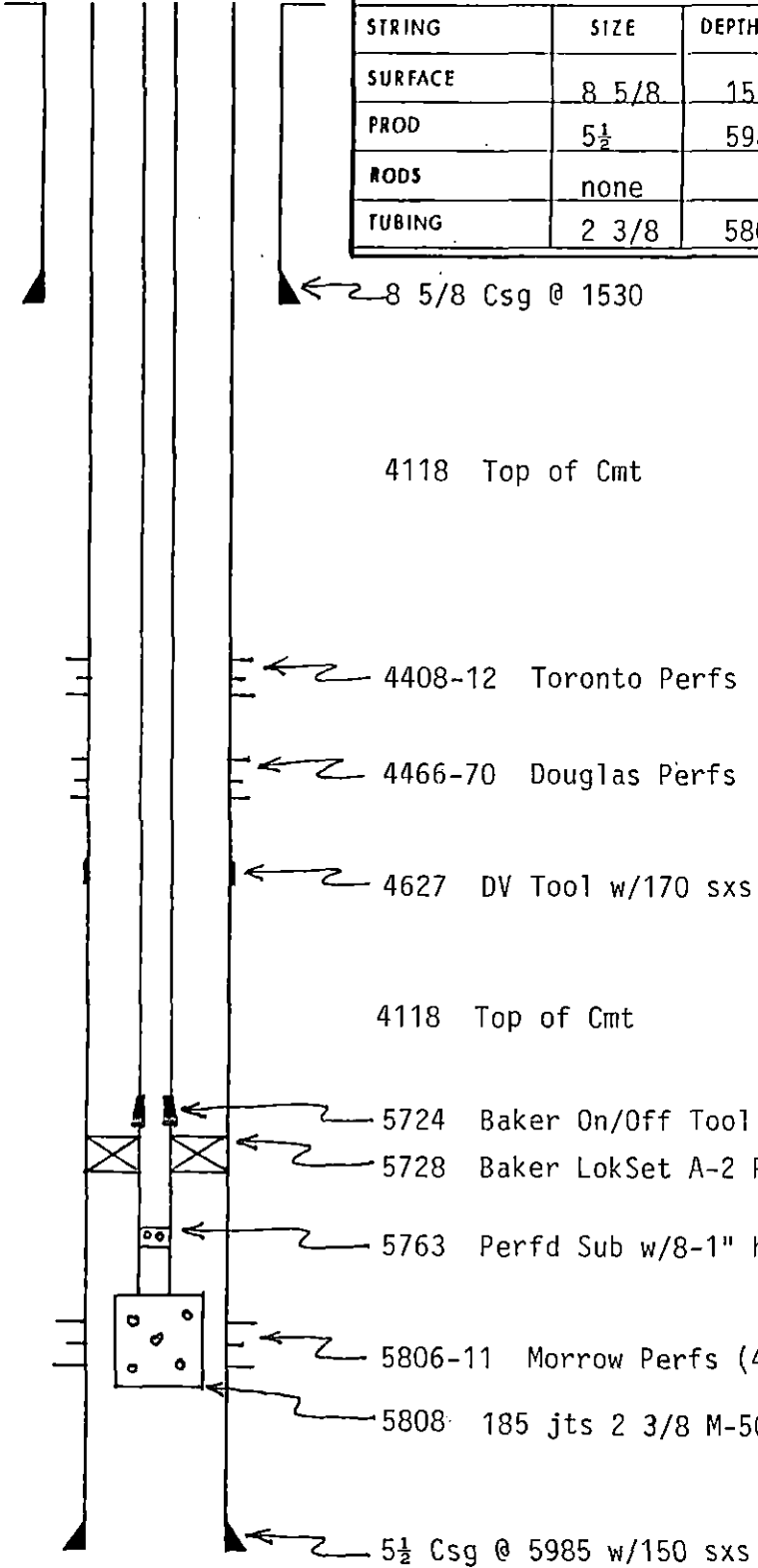
15-175212650001

Date
4/1/94
State
KS

KB- 2729
GL- 2718

LEASE	Well No.	Location	County	Date	State
SPRINKLE	1	C NW NW Sec 29-34S-31W	Seward	4/1/94	KS
WELLHEAD 8 5/8x5 1/2; Huber A7S 5 1/2x2 3/8					
STRING	SIZE	DEPTH SET	GRADE	CPLG	WT.
SURFACE	8 5/8	1530			
PROD	5 1/2	5985	J-new	LT&C	15.5
RODS	none				
TUBING	2 3/8	5808	M-50	EUE	4.7

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TUBING DETAIL

KB Corr	7.5
Tbg Compression(36"/18K#)	-3.0
4 - 2 3/8 Subs (8',10',6',1')	25.32
183 jts 2 3/8 EUE Tubing	5694.37
On/Off Tool w/1.78" F nipple	1.63
1 - 2 3/8 Tbg Sub	2.12
Baker A-2 Lok Set Packer	3.5
1 jt 2 3/8 EUE Tubing	31.22
Perfd Sub (w/8-1" holes)	.7
Mechanical Release Tool	1.58
1 jt 2 3/8 EUE Tubing	31.24
1 - 2 3/8 EUE Tbg Sub	4.92
Vann TCP Gun (overall)	7.32
Bottom of Tbg String @	5808.42'

RELEASED

AUG 1 8 1995

FROM CONFIDENTIAL

KUG

JUL 1 3

CONFIDENTIAL

PBTD- 5930
TD- 6470

RM 4/1/94

REVISED RECOMPLETION

Not To Scale