CRONNAL SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- 135-23,599-00-00
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	County Ness - East  N/2 NW SE Sec. 3 Twp. 16S Rge. 22 X West  2310
Operator: License # 30444	2310 Ft. North from Southeast Corner of Section
Name: Charter Production Company	1980
Address 224 E.Douglas, Suite 400	(NOTE: Locate well in section plat below.)
	tease Name Dinkel Well# 1
City/State/Zip Wichita, KS 67202	Field Name Wildcat
Purchaser: N/A	Producing Formation N/A
Operator Contact Person: Robert C. Spurlock	Elevation: Ground . 2420' KB . 2425'
Phone (316) 264-2808	Total Depth 4470' PBTD 4
Contractor: Name: Murfin Drilling Company	\$280 4950
License: 30606	4620 4290 3960
Wellsite Geologist: Doug Davis STATE CORPC	CEIVED 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
Designate Type of Completion	2970 2640
X New Well Re-Entry Workover ()()	1 6 1991
Oil SWD Temp. Abd. 10- Gas Inj Delayed Comp X Dry Other (Core. Water Supply, etc.)	1650 1320
X Dry Other (Core, Water Supply, etc.)	
If OWNO: old well info as follows: Operator:	SS
Well Name:	Amount of Surface Pipe Set and Cemented at 238 Feet
Comp. Date Old Total Depth	Multiple Stage Cementing Collar Used? Yes X No
Drilling Method:	If yes, show depth set Feet
X Mud Rotary Air Rotary Cable	If Alternate II completion, cement circulated from
10-1-91 10-7-91 10-8-91 Completion Date	feet depth to w/ sx cmt.
INSTRUCTIONS: This form shall be completed in triplicate a	
Derby Building, Wichita, Kansas 67202, within 120 days	of the spud date of any well. Rule 82-3-130, 82-3-107 and
writing and submitted with the form. See rule 82-3-	be held confidential for a period of 12 months if requested in 107 for confidentiality in excess of 12 months. One copy of all
form with all plugged wells. Submit CP-111 form with a	this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4
conversion of a well requires filing of ACO-2 within 120 da	ys from commencement date of such work.
All requirements of the statutes, rules and regulations promule with and the statements herein are complete and correct to the statements are complete and correct to the statements herein are complete and correct to the statement herein are considered and correct to the statement herein are correct to the statement herein are correct to the statement herein are cor	lgated to regulate the oil and gas industry have been fully complied the best of my knowledge.
Signature Kebeut Comular	K.C.C. OFFICE USE ONLY
	F V Letter of Confidentiality Attached 0-11-91 C Wireline Log Received
Subscribed and sworn to before me this 11thday of Oct	C Drillers Timelog Received
19 91	Distribution  KCC SWD/Rep NGPA
Notary Public La Page	KGS Plug Other (Specify)
Date Commission Expires  DEBRA RAGGIO State of Kansas My Appf. Exp. O. 1997	Сурссттуу

## SIDE TWO

Casing Record  Casing Record  Casing Record  Report all strings set-conductor, surface, intermediate, production, etc.  Purpose of String  Samples Sent to Geological Survey  Yes No  Name  Top Bottom  SEE ATTACHED  SEE ATTACHED  SEE ATTACHED  SEE ATTACHED  New Used  Report all strings set-conductor, surface, intermediate, production, etc.  Purpose of String  Size Hole Size Casing Weight Setting Type of # Sacks Type and Percen Additives	Operator Name <u>C</u>	harter Pro	duction Company	Lease Name	Dink	el	Well #	1			
NSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem texts givinterval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static teve year dropped and tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static teve year dropped and tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static teve year dropped and tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static teve year dropped and flow rates if gas to surface during test. Attach extra she formation Description    Second			☐ East	County	Ness						
Acid, Fracture, Shot, Cement Squeeze Record  See ATTACHED  CASING RECORD   New   Used  Report all strings set-conductor, surface, intermediate, production, etc.  Report all strings set-conductor, surface, intermediate, production, etc.  SEE ATTACHED  SEE ATTACHED  SEE ATTACHED  CASING RECORD   New   Used  Report all strings set-conductor, surface, intermediate, production, etc.  Purpose of String   Size Note   Size Casing   Used   Used   Depth   Cement   Used   Additives    Surface   12-1/4   8-5/8   24#   238'   60/40 poz   135   2% gell, 3%;  Shots Per Foot   Specify Footage of Each Interval Perforated   Anount and Kind of Material Used)  TUSING RECORD   Size   Set At   Packer At   Liner Run   Yes   No   No   No    TUSING RECORD   Size   Set At   Packer At   Liner Run   Yes   No   No   No    TUSING RECORD   Size   Set At   Packer At   Liner Run   Yes   No   No   No    TUSING RECORD   Size   Set At   Packer At   Liner Run   Yes   No   No   No    TUSING RECORD   Size   Set At   Packer At   Liner Run   Yes   No   No   No   No   No    TUSING RECORD   Size   Set At   Packer At   Liner Run   Yes   No   No   No   No   No   No   No   N	Sec. <u>3</u> Twp, <u>16S</u>	_ Rge. <u>22</u>	X West								
Action Additional Sheets.)    Samples Sent to Geological Survey	interval tested, tin Nydrostatic pressure:	ne tool open a s, bottom hole	ind closed, flowing ar temperature, fluid rec	nd shut-in pres	sures, whet	her shut-in ora	essure rea	ched static laval			
CASING RECORD New Used Report all strings set-conductor, surface, intermediate, production, etc.  Purpose of String Size Hole Size Casing Orilled Set (In 0.0.) Use/Ft. Depth Cement Used Additives  Surface 12-1/4 8-5/8 24# 238' 60/40 poz 135 2% gel, 3%.  PERFORATION RECORD New Used Additives  Surface 12-1/4 8-5/8 24# 238' 60/40 poz 135 2% gel, 3%.  PERFORATION RECORD Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth N/A  N/A N/A N/A  Date of First Production Producing Method Flowing Pumping Gas Lift Other (Explain)  Estimated Production Producing Method Flowing Pumping Gas Lift Other (Explain)  Estimated Production Oil Bbis. Gas Mcf Water Bbis. Gas-Oil Ratio Gravity  Per 24 Hours  Production Interval Production Dually Completed Commingled	(Attach Additional Sheets.)										
CASING RECORD   New   Used  Report all strings set-conductor, surface, intermediate, production, etc.  Purpose of String   Size Hole   Size Casing   Weight   Setting   Cement   Used   Additives    Surface   12-1/4   8-5/8   24#   2381   60/40 poz   135   2% gel, 3%    Surface   12-1/4   8-5/8   24#   2381   60/40 poz   135   2% gel, 3%    PERFORATION RECORD   Specify Footage of Each Interval Perforated   Acid, Fracture, Shot, Cement Squeeze Record    N/A   N/A   N/A   N/A    TUBING RECORD   Size   Set At   Packer At   Liner Run   Yes   No    Date of first Production   Producing Method   Flowing   Pumping   Gas Lift   Other (Explain)    Estimated Production   Production   Dil   Bbts   Gas   Ncf   Water   Bbts   Gas-Oil Ratio   Gravity    Perforation   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled    Vented   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled    Vented   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled    Vented   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled    Vented   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled    Vented   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled    Vented   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled    Vented   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled    Venter   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled    Venter   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled    Venter   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled    Venter   Sold   Used on Lease   Open Note   Perforation   Dually Completed   Commingled   Commingled   Open Note   Perforation   Dually Completed   Commingled   Open Note   Perforation   Dually Completed   Commingled   Open Note   Perforation   Dually Completed   Commingled   Open Note   Perf											
SEE ATTACHED  SET AS SE	ores Taken			Name							
CASING RECORD  Used  Report all strings set-conductor, surface, intermediate, production, etc.  Purpose of String  Size Hole  Size Casing  Weight  Setting  Type of  # Sacks  Type and Percen  Used  Additives  Surface  12-1/4  8-5/8  24#  238'  60/40 poz  135  2% gel, 3%    PERFORATION RECORD  Acid, Fracture, Shot, Coment Squeeze Record (Amount and Kind of Material Used)  Depth	-		☑ Yes ☐ No								
Report all strings set-conductor, surface, intermediate, production, etc.  Purpose of String	SEE ATTACI	HED		SE	E ATTACH	ED					
Purpose of String   Size Hole   Size Casing   Weight   Depth   Cement   Sacks   Type and Percent   Depth   Cement   Sacks   Type and Percent   Depth   Cement   Sacks   Type and Percent   Depth   Cement   Depth   Cement   Sacks   Type and Percent   Depth   Cement   Sacks   Type and Percent   Depth   Cement   Sacks   Type and Percent   Depth   Depth	<del></del>	Report a				production, et					
PERFORATION RECORD Shots Per Foot   Specify Footage of Each Interval Perforated   Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)   Depth	Purpose of String	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent			
Shots Per Foot   Specify Footage of Each Interval Perforated	Surface	12-1/4	8-5/8	24#	238'	60/40 poz	135	2% gel, 3%			
Shots Per Foot   Specify Footage of Each Interval Perforated					<u></u>			<u>.  </u>			
TUBING RECORD Size Set At Packer At Liner Run Yes No  Oate of First Production Producing Method Flowing Pumping Gas Lift Other (Explain)  Estimated Production Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours  Signosition of Gas: METHOD OF COMPLETION Production Interval  Vented Sold Used on Lease Open Hole Perforation Dually Completed Commingled	Shots Per Foot			rforated				-			
N/A  Date of First Production											
N/A  Date of First Production											
N/A  Date of First Production Producing Method Flowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours  isposition of Gas:  Wethod Of Completion Open Hole Perforation Dually Completed Commingled											
Date of First Production N/A Producing Method Flowing Pumping Gas Lift Other (Explain)  Estimated Production Per 24 Hours Of COMPLETION Production Interval Sold Used on Lease Open Hole Perforation Dually Completed Commingled		Size	Set At	Packer At	Liner Run	☐ Yes ☐	No				
Estimated Production Per 24 Hours  METHOD OF COMPLETION  Production Interval  Vented Sold Used on Lease  Open Hole Perforation Dually Completed Commingled	Date of First Produc	ction Produci	ng Method Flowing	Pumping Ga	s Lift []	Other (Explain)	····				
Vented Sold Used on Lease Open Hole Perforation Dually Completed Commingled		n Oil					·	Gravity			
Vented Sold Used on Lease Open Hole Perforation Dually Completed Commingled	isposition of Gas:	i	METI	HOD OF COMPLETI				Production Interva			
U Other (Specify)	Vented Sold (If vented, sub	Used on tomit ACO-18.)	Lease	ole 🗌 Perfor	ation 🔲	Oually Complete					
			<b>∟</b> Other	(Specify)			-				



Subscribed and sworn to before me this  $\frac{11 + h}{91}$ .

Notary Public \_

Date Commission Expires

STATE CORPORATION COMMISSION OF KANSAS	API NO. 15- 135-23,599-00-00						
OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM	County Ness						
ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE	N/2 NW SE Sec. 3 Twp. 16S Rge. 22 X West						
Operator: License #30444	Ft. North from Southeast Corner of Section						
Name: Charter Production Company							
Address 224 E.Douglas, Suite 400	(NOTE: Locate well in section plat below.)						
<del> </del>	Lease Name Dinkel Well #1						
City/State/Zip Wichita, KS 67202	Field Name Wildcat						
Purchaser: N/A	Producing Formation N/A						
Operator Contact Person: Robert C. Spurlock	Elevation: Ground . 2420' KB KB						
Phone (316) 264-2808	Total Depth 4470' PBTD						
Contractor: Name: Murfin Drilling Company	5280 4950 4620						
License: 30606	4290						
Wellsite Geologist: Doug Davis	CEIVED 3630 SATION COMMISSION 33300						
Designate Type of Completion  X New Well Re-Entry Workover NCT	1 6 1991						
OilSWDTemp. Abd. 10 GasInjDelayed Comp. X DryOther (Core, Water Supply, etc.)	1650 111 1320 1320 1320 1320 1320 1320						
If OMMO: old well info as follows: Operator:	230 AIT DYA						
Well Name:	Amount of Surface Pipe Set and Cemented at 238 Feet						
Comp. DateOld Total Depth	Multiple Stage Cementing Collar Used? Yes X No						
Drilling Method: Air Rotary Cable	!f yes, show depth set Feet						
10-1-91 10-7-91 10-8-91	If Alternate II completion, cement circulated from						
Spud Date Date Reached TD Completion Date	feet depth tow/sx cmt.						
writing and submitted with the form. See rule 82-3	s of the spud date of any well. Rule 82-3-130, 82-3-107 and be held confidential for a period of 12 months if requested in 107 for confidentiality in excess of 12 months. One copy of all this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 all temporarily abandoned wells. Any recompletion, workover or						
All requirements of the statutes, rules and regulations promu with and the statements herein are complete and correct to	ligated to regulate the oil and gas industry have been fully complied the best of my knowledge.						
Signature Kobeut Christian	K.C.C. OFFICE USE ONLY						
Title President Date I	0-11-91 F V Letter of Confidentiality Attached C V Wireline Log Received						

October

State of Kansas My Appt. Exp. 0 1739

Drillers Timelog Received Distribution NGPA KCC SWD/Rep Plug Other (Specify) C ....

# 15-135-23599-00-00 100 9 9 100

CHARTER PRODUCTION COMPANY 224 E. DOUGLAS, SUITE 400

FROM COMPLETION

Wichita, KS 67202 316/264-2808

Dinkel #1 "A"
App. C N/2 NW SE
Section 3-16S-22W
Ness County, Kansas
Center Field Prospect

G.L. 2420'

K.B. 2425'

# PLEASE KEEP INFORMATION CONFIDENTIAL

DST #1: 4318'-4340' MISRUN

DST #2: 4316'-4340' Open 30", S.I. 30", Open 30", S.I. 30". Recovery: 5' Mud with few spots of oil. IHP 2103# FHP 2103# IFP 51#-51#, ISIP 51# FFP 51#-51# FSIP 51#.

DST #3: 4314'-4377'. Open 15", S.I. 15". Recovery 500' Muddy Salt Water. IHP 2103# IFP 183' 265' ISIP 1037#.

## FORMATION TOPS

Stone Corral Heebner Shale Toronto Ls Lansing B/KC Pawnee Ft. Scott Cherokee Gp Cher Sand A Cher Sand B Cher Sand C Miss. Warsaw Miss. Osage	1770 (+655) 3814 (-1389) 3833 (-1408) 3853 (-1428) 4138 (-1723) 4212 (-1787) 4306 (-1881) 4318 (-1893) Abs Abs 4366 (-1941) Abs 4412 (-1987)
Miss. Osage TD	4412(-1987) 4470(-2045)

STATE OF RECEIVED

OCT 1 6 1991

WATINN DIVISION

REMIT TO: P.O. BOX-951048 DALLAS, TX 75395-1046

INVOICE

DINKEL

HALLIBURTON SERVICES

15-135-23599-00-00 A Halliburton Company

INVOICE NO.

170324 10/08/1991

WELLIPLANT LOCATION STATE WWW. WELLIPLANT OF MES NESS KS. SAME

TELEST CONTRACTOR **出**OB PURPOSE The Association 10208 MURFIN DRLG. PLUG TO ABANDON STOMET AGENT VENDOR NO. CUSTOMER P.O. NUMBER: -SHIPPEDVA

PODNEY FARR COMPANY TRUCK

> CHARTER PRODUCTION 224 B. DOUGLAS, SUITE 400 WICHITA, KS 67-202

DIRECT CORRESPONDENCE TO: FIRST OKLAHOMA TOWER 210 WEST PARK AVENUE SUITE 2050 OKLAHOMA CITY, OK 73102-5601

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2000 AB	)= significant of the		HACUANTITY	/UM/	UNIT PRICE	A STATE OF THE STA
ODO.	EA - MID CONTINENT NIL RAGE		27 1		2.60	70.20
090 080	PLUG LA-11, CP-1, CP-		1 8 5/8	TRK	370.00 90.00	370.00 90.00
504-308 506-105 506-111	POZNIX A HALLIBURTON-GEL 2%		. 453 102		3,40	833.85 346.80 N/C
507-277 507-210	HALLIBURTON-GEL BENTONIT	'E	क हैं 6.4 कुछ क	SK LB	.00 14.75 1.30	132.75 83.20
500-306	HILEAGE CHTG HAT DEL OR	RETURN	. 277 <b>314.4</b> 69		1.15	316.55 251.56
	INVOICE SUBTOTAL					2,496.93
	DISCOUNT-(B1D) INVOICE BID AMOUNT					499.38-
		~ <del>~</del> ·	Property of the second			
		Ç	OCT 1 6 1991			
		rt				, .
·	INVOICE TOTAL - PLEASE P			= 1		\$1,997.55
	TERMS INVOICES PAYABLE NET BY THE 20	OTH OF THE FO	LLOWING MONTH AFTER I	DATE OF	INVOICE, UPON	

HEMILIO: FO. BOX 951046 DALLAS, TX 75395-1046

INVOICE

116A 6 6 AOIT

FROM CONFIDERTIAL

HALLIBURTON SERVICES

15-135-23599-00-6 A Halliburion Company 195011 10/01/1991

WELL LEASE NO./PLANT NAME -3 WELL/PLANT LOCATION WELL/PLANT OWNER STATE JINKEL 1 NESS KS SAME SERVICE LOCATION CONTRACTOR JOB PURPOSE TICKET DATE IESS CITY MURFIN CEMENT SURFACE CASING 10/01/1991 ACCT. NO. **CUSTOMER AGENT** VENDOR NO. CUSTOMER P.O. NUMBER SHIPPED VIA FILE NO. 55799 RODNEY FARR COMPANY TRUCK 23359

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

DIRECT CORRESPONDENCE TO: FIRST OKLAHOMA TOWER 210 WEST PARK AVENUE SUITE 2050 OKLAHOMA CITY, OK 73102-5601

PRICE REF. NO.	DESCRIPTION	QUANTITY	U/M	UNIT PRICE	AMOUNT
RICING AR	A - MID CONTINENT				
000-117	MILEAGE	27	MI	2.60	70.20
		1	<b>ד</b> מט		
001-016	CEMENTING CASING	238	FT	475.00	475.00
		1	UNT		
030-503	CMTG PLUG LA-11,CP-1,CP-3,TOP	8 5/8	IN	90.00	90.00
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	and the second second	1	EA		
504-308	STANDARD CEMENT	81	SK	5.45	441.45
506-105	POZMIX A	5.4	SK	3.40	183.60
506-121	HALLIBURTON-GEL 2%	2	SK	.00	N/C ·
509-406	ANHYDROUS CALCIUM CHLORIDE	3	SK	26.25	78.75
	BULK SERVICE CHARGE		CFT		162.15
500-306	MILEAGE CMTG MAT DEL OR RETURN	162.675	TMI	. 80	130 . 14
					[
	INVOICE SUBTOTAL				1,631.29
	DISCOUNT-(BID)				489.37
	INVOICE BID AMOUNT				1,141.92
	*-KANSAS STATE SALES	TAX			29.62
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		HATE CORPL IPP		-	
		00T:161	491		
		00.	- 111 CION		
		COMSERVATION	ויטופוייונן	'	1
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	INVOICE TOTAL - PLEASE PAY THI	S AMOTINITY		<b></b>	01 171 54
	THE TELEVISION OF THE THE	S ANOUNT ==			\$1,171.54
	TERMS				