

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

API NO. 15- 15-135-23,593-00-00
County Ness ✓
50' W of C NE NE NE Sec. 6 Twp. 17S Rge. 22 X East West

Operator: License # 30444
Name: Charter Production Company
Address 224 E. Douglas, Suite 400
City/State/Zip Wichita, Ks. 67202

Purchaser: _____
Operator Contact Person: Robert C. Spurlock
Phone (316) 264-2808

Contractor: Name: Murfin Drilling Co., Inc.
License: 30606

Wellsite Geologist: Doug Davis

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:
Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable
9/9/91 9/16/91 9/19/91
Spud Date Date Reached TD Completion Date

4950' ✓ Ft. North from Southeast Corner of Section
380' ✓ Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name HIGGINS ✓ Well # 1

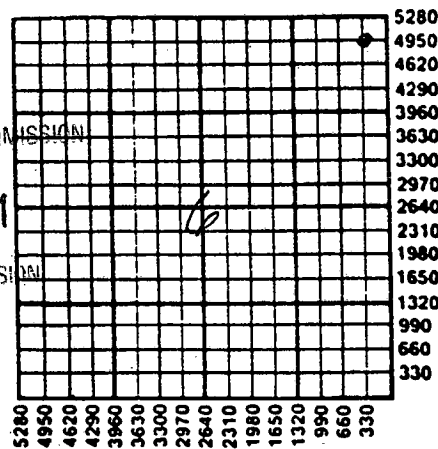
Field Name Weeks North

Producing Formation Cong. Sand

Elevation: Ground 2366 KB 2371

Total Depth 4430' PBTD _____

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CONSERVATION DIVISION
Wichita, Kansas



10-8-91

Amount of Surface Pipe Set and Cemented at 251 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1700' Feet

If Alternate II completion, cement circulated from 1700

feet depth to surface w/ 175 sx cmt.

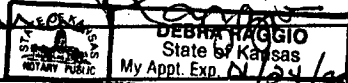
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Robert C. Spurlock
Title President Date 10/2/91

Subscribed and sworn to before me this 2ND day of October, 19 91.

Notary Public Debra Haggio
Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

SIDE TWO

Operator Name Charter Production Company Lease Name Higgins Well # 1
 Sec. 6 Twp. 17S Rge. 22 East County Ness
 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.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.)</p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)</p> <p style="text-align: center;">See attached</p>	<p style="text-align: center;">Formation Description</p> <p style="text-align: center;"><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <p>Name Top Bottom</p> <p style="text-align: center;">See attached</p>
--	---

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
Surface Csg	12-1/4"	8-5/8"	24#	251	60/40 poz	150	2% gel, 3% cc
Production	7-7/8"	5-1/2"	15.5#	4429'	EA2	160	
					HDL	175	
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			Amount and Kind of Material Used		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size	Set At	Packer At					
2 2/3	4380.2'	N/A					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)						
9/30/91							
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio		Gravity	
	182	N/A	N/A				

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

Other (Specify) _____

Production Interval 4347' - 4380'

15-135-23593-00-00

ORIGINAL

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

HIGGINS #1 WELL
NE SECTION 6-17S-22W
NESS COUNTY, KANSAS

DRILL STEM TEST INFORMATION

DST #1 4294' - 4306'. OPEN 30", S.I. 30", S.I. 30". IF 31#-31#, FF 31#-31#, SIP 31#-31#, 1% OIL.

DST #2 4347' - 4380'. OPEN 30", S.I. 45", OPEN 30", S.I. 45". IF 218#-479", FF 551#-717#, SIP 1236#-1226#. 1670' GASSY OIL, 330' MUD GASSY OIL. BREAKDOWN: 50% OIL, 25% GAS, 25% MUD.

FORMATION TOPS:

STONE CORRAL	1685 (+688)
CHAS GP	
COUNCIL GROVE GP	
WABAUNSEE GP	
TOPEKA LS	
HEEBNER SHALE	3774 (-1401)
TORONTO LS	
DOUGLAS GP	
LANSING	3812 (-1439)
KANSAS CITY	
B/KC	4090 (-1717)
MARMATON GP	4136 (-1763)
NVGR/PAWNEE	
OSWEGO/FT. SCOTT	4280 (-1907)
CHEROKEE GP	4298 (-1925)
CHER SAND A	4301 (-1928)
CHER SAND B	ABS
CHER SAND C	ABS
CHER CONG. SD.	4370 (-1997)
CHER WARSAW	4389 (-2016)
TD	4430 (-2057)

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CONSERVATION DIVISION
Wichita, Kansas



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE NO.	DATE
170643	09/09/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
HIGGINS 1		NESS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
NESS CITY		MURFIN DRLG. CO.		CEMENT SURFACE CASING		09/09/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
155799	LLOYD DELLETT			COMPANY TRUCK	22051	

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
PRICING AREA - MID CONTINENT					
000-117	MILEAGE	22	MI	2.60	57.20
		1	UNT		
001-016	CEMENTING CASING	251	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
		1	EA		
504-308	STANDARD CEMENT	90	SK	5.45	490.50 *
506-105	POZMIX A	60	SK	3.40	204.00 *
506-121	HALLIBURTON-GEL 2%	3	SK	.00	N/C *
509-406	ANHYDROUS CALCIUM CHLORIDE	4	SK	26.25	105.00 *
500-207	BULK SERVICE CHARGE	158	CFT	1.15	181.70 *
500-306	MILEAGE CMTG MAT DEL OR RETURN	148.720	TMI	.80	118.98 *
INVOICE SUBTOTAL					1,722.38
DISCOUNT - (BID)					516.71-
INVOICE BID AMOUNT					1,205.67
*-KANSAS STATE SALES TAX					32.73
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$1,238.40

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Wichita, Kansas

TERMS: INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



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

HALLIBURTON SERVICES

ORIGINAL

A Halliburton Company

INVOICE NO.	DATE
195039	07/16/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
30TNS		ML S		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
YS		HUP		CEMENT PRODUCTION CASINO		07/16/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
5777	BOYLES			COMPANY TRUCK	22584	

OKLAHOMA CITY
221 WEST PARK AVENUE
SUITE 2050
OKLAHOMA CITY, OK 73102-5601

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
000 17	MULTI STAGE CEMENT	19	MT	2.60	49.40
007 13	MULTI STAGE CEMENT	44.9	FT	1,300.00	1,300.00
00 016	MULTI STAGE CEMENT	1	UNIT		
007 61	MULTI STAGE CEMENT	1	BTG	1,025.00	1,025.00
75	PLUG	1	EA	439.00	439.00
81 14510	INSERT VALVE	1	EA	245.00	245.00
24	FILL-UP UNIT	1	EA	30.00	30.00
84 6318	MULTI STAGE CEMENT	1	EA	2,450.00	2,450.00
27	CENTRALIZER	6	EA	44.00	264.00
81 19311	CEMENT BASKET	1	EA	90.00	90.00
71	SUPER FLUSH	19	SK	87.00	870.00
81 60300	CASING SWIVEL	1	JOB	155.00	155.00
40	STANDARD CEMENT	110	SK	5.45	599.50
80 93022	STANDARD CEMENT	114	SK	3.45	396.30
320	POZHIX A	21	SK	3.40	207.40
80 68893	HALLIBURTON-GEL	3	SK	.00	N/C
018 317	HALLIBURTON-GEL	12	SK	14.75	177.00
019 211	CONOLITE	300	LB	.90	270.00
504 303	CAL SEAL	5	SK	19.70	98.50
504 308	PIR-3	52	LB	4.10	213.20
505 105	MODELE	71	LE	1.30	92.30
505 121	SALT	1275	LB	.10	127.50
507 207	WELL SERVICE CHARGE	345	CEY	1.15	396.75
507 209	RELEASE LMTB MAT DEL OR RETURN	271	MT	.90	257.51
503 127					
507 153					
507 210					
509 208					
500 207					
500 306					

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Wichita, Kansas

***** CONTINUED ON NEXT PAGE *****

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CUSTOMER COPY



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

HALLIBURTON SERVICES

A Halliburton Company

ORIGINAL

INVOICE NO.	DATE
195039	09/16/1991

WELL LEASE NO./PLANT NAME		WELL/PLANT LOCATION		STATE	WELL/PLANT OWNER	
		NESS		KS	SAME	
SERVICE LOCATION		CONTRACTOR		JOB PURPOSE		TICKET DATE
MAYS				CEMENT PRODUCTION CASING		09/16/1991
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.	
15579	WILLIS DAVIS J			COMPANY TRUCK	22586	

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
	INVOICE SUBTOTAL				9,978.36
	DISCOUNT - (BID)				1,496.72-
	INVOICE NET AMOUNT				8,481.64
	STATE SALES TAX				289.04
	CITY SALES TAX				27.42
	INVOICE TOTAL				8,742.10

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CONSERVATION DIVISION
Wichita, Kansas

Handwritten signature:
 INVOICE TOTAL - PLEASE PAY THIS AMOUNT

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE, UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED. CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

HALLIBURTON SERVICES
JOB LOG

WELL NO. L LEASE Wiggins TICKET NO. 195039
 CUSTOMER Chas. Production Inc. PAGE NO. 1
 JOB TYPE 2-Stage Long String DATE 9-16-91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1800							Called out
	1930							on loc. Rig laying down D.P.
	2130							Start 5 1/2 csg. in hole
								Insert Float shoe + Baffle on 1st Joint
								Conn. on 1, 3, 7, 84, 86, 130 collars
								D.U. tool on 85 @ 1700' Baskets on #84
2325		7						Drop Ball
2345								Circulate + Rotate Csg. wait on more csg.
0155		7	20					Start 20" Salt Flush
0158			2					2" spacer
0159			12					12" SuperFlush
0204			2					2" spacer
0205			15.7					Start 110 lbs EAD cut
0215								Finished mixing with pump + loc Release Plug
			105.3					Start Dis. 54" 1 1/2", 51.3" mud
0235						1,200		Plug Dis. 1,200 psi Holding
0238								Release Plug 11.2" hold
0240								Drop opening plug
0250			18			1,200		open D.U. CIR. 15" mud thru D.U. tool
0256			20					Start 20" Salt Flush
0302			99					Start 175 lb. Etwalite cut
0317			40.5					Release plug + Dis. 40.5"
0330						1,200		Plug Dis. 1,200 psi
								Release Plug D.U. closed
								wait + Reck. 78" mud Cont. in collar
								Job Complete

ORIGINAL

Thank you
[Signature]

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CONSERVATION DIVISION

CUSTOMER



HALLIBURTON SERVICES
Duncan, Oklahoma 73528

A Division of Halliburton Company

BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND
TICKET NO. 195039

ORIGINAL

DATE 9-16-91	CUSTOMER ORDER NO.	WELL NO. AND FARM Higgins #1	COUNTY Ness	STATE Kansas
CHARGE TO Charter Production Inc.		OWNER Same	CONTRACTOR Murfin Drlg.	No. B 941977
MAILING ADDRESS		DELIVERED FROM Hays, Ks	LOCATION CODE 25525	PREPARED BY Kuhn
CITY & STATE		DELIVERED TO S/W Brownell, Ks	TRUCK NO. 3703	RECEIVED BY <i>R. Loggitzer</i>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L D	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
				QTY.	MEAS.	QTY.	MEAS.			
504-308	516.00261	2B	Standard Cement	110				5.45	599	50
			175Cu. Ft. Pozmix Cement 10% Gel							
504-308	516.00261	2B	Standard Cement	114				5.45	621	30
506-105	516.00286	2B	Pozmix 'A'	61				3.40	207	40
506-121	516.00259	2B	3sk Halliburton Gel @ 2%							n/c
507-277	516.00259	2B	Halliburton Gel @ 8%	12				14.75	177	00
507-285	870.15250	2B	Econolite Blended	300	1b			.90	270	00
508-127	890.50131	2B	Cal Seal	5				19.70	98	50
507-153	516.00161	2B	CFR-3 Blended	52	1b			4.10	213	20
507-210	890.50071	2B	Flocele Blended	71	1b			1.30	92	30
509N-968	516.00158	2B	Salt	1275	1b			.10	127	50

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		Returned Mileage Charge	TOTAL WEIGHT	LOADED MILES	TON MILES		
		SERVICE CHARGE ON MATERIALS RETURNED			CU. FEET		
500-207		2B	SERVICE CHARGE		345 CU. FEET	1.15	396 75
500-306		2B	Mileage Charge	29,263 TOTAL WEIGHT	22 LOADED MILES	321.893 TON MILES	.80 257 52
No. B 941977		CARRY FORWARD TO INVOICE				SUB-TOTAL	3,060 97



JOB SUMMARY

HALLIBURTON DIVISION OKla. hanna C. ty, OK
HALLIBURTON LOCATION Ness City, Mo.

BILLED ON TICKET NO. 195039

WELL DATA

FIELD _____ SEC. 6 TWP. 17^s RNG. 22^w COUNTY Mo. STATE Mo.

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH 4430

ORIGINAL

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>9/16/91</u>	DATE <u>9/16/91</u>	DATE <u>9/16/91</u>	DATE _____
TIME <u>1:15</u>	TIME <u>1430</u>	TIME <u>2130</u>	TIME _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>In. cuttings</u>	<u>5/2</u>	<u>1</u>
GUIDE SHOE		
CENTRALIZERS <u>S 3</u>	<u>5/2</u>	<u>6</u>
BOTTOM PLUG		
TOP PLUG <u>D.V. Plug Set</u>	<u>1</u>	<u>1</u>
HEAD		
PACKER <u>D.V. Tool</u>	<u>1</u>	<u>1</u>
OTHER <u>Cmt. Basket</u>	<u>1</u>	<u>1</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. [unclear]</u>	<u>Unit 51145</u>	<u>Mo. City, Mo.</u>
<u>H. [unclear]</u>		
<u>A. [unclear]</u>	<u>Unit 3203</u>	<u>Mo. City, Mo.</u>

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL-API

DISPL. FLUID _____ DENSITY _____ LB/GAL-API

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN.

NE AGENT TYPE _____ GAL. _____ IN.

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN.

GELLING AGENT TYPE _____ GAL.-LB. _____ IN.

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN.

BREAKER TYPE _____ GAL.-LB. _____ IN.

BLOCKING AGENT TYPE _____ GAL.-LB. _____ IN.

PERFFAC BALLS TYPE _____ QTY. _____

OTHER _____

DEPARTMENT Co. 4

DESCRIPTION OF JOB Cmt. 5 1/2" C.C.

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>110</u>	<u>EA 2</u>		<u>15</u>	<u>5% Celcol 10% Salt, 10% CFR-3, 1/4" Flucel</u>	<u>1.36</u>	<u>15.5</u>
<u>2</u>	<u>175</u>	<u>Emulsions</u>		<u>8</u>	<u>1/4" Flucel</u>	<u>3.18</u>	<u>11</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESFLUSH 40 - 17 BBL-GAL TYPE Salt - Surfactant

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL. BBL-GAL 105.3

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL 125.6

HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL _____

ORDERED _____ AVAILABLE _____ USED _____ AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____ CEMENT LEFT IN PIPE _____

FEET 20' REASON Shut Joint

RECEIVED STATE CORP. ON SUBMISSION [Signature]

OCT 08 1991

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER

CUSTOMER Charles Production Inc. LEASE Higgins WELL NO. 1 JOB TYPE 2 DATE 9/16/91



HALLIBURTON SERVICES
Duncan, Oklahoma 72524

FORM 1908 R-7

A Division of Halliburton Company

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 195039

DISTRICT Higgins, R.

DATE 9 16 91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Charles Production Inc. (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE Higgins SEC. 6 TWP. 17^S RANGE 22^W
FIELD _____ COUNTY Ness STATE Ks OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH 4430 MUD WEIGHT _____
BORE HOLE _____
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>15.5</u>	<u>5 1/2</u>	<u>RB</u>	<u>4439</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED
Case 5 1/2" Log via 7 string 1st stage 20' 5" 5/8" Fltch
17' 2" 5/8" Fltch
112' 3" E.D. 7 C.I.
with 1/4" Fltch
2nd stage 20' 5" 5/8" Fltch
172' 3" Econ. line
with 1/4" Fltch

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accordance with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice. In the event of Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the monthly contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection costs and attorney's fees out of 20% of the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claim, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 1. Damages to property owned by, in the possession of, or leased by Customer and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damages. The term "well owner" shall include working and royalty interest owners.
 2. Reservoir formation or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir formation or well), or any damages whatsoever growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section (b) and Section (c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated or furnished by Halliburton or any defect in the data, products, supplies, materials or equipment of Halliburton whether in the preparation, design, manufacture, distribution or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply when the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections (b) and (c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- c) That the pressure of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the effectiveness of the products, supplies or materials, nor the results of any treatment or service nor the accuracy of any chart, interpretation, reservoir analysis, log recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- d) That Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the use or use of any products, supplies or materials, is expressly limited to the replacement of such products, supplies or materials, on their return to Halliburton or at Halliburton's option, to the allowance to the Customer of credit for the cost of such items, to no event shall Halliburton be liable for special, incidental or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs, unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for matrix operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the well site and returned to the lander, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) That Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

RECEIVED
STATE CORPORATION COMMISSION
OCT 08 1991

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.
SIGNED _____ CUSTOMER
DATE _____

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

TIME _____ A.M. P.M.

CUSTOMER

FORM 1906 R-11

WELL NO. - FARM OR LEASE NAME <i>11 Higgins</i>		COUNTY <i>Ness</i>	STATE <i>Ks.</i>	CITY / OFFSHORE LOCATION	DATE <i>9 16 91</i>
CHARGE TO <i>Chattera Production Inc.</i>		OWNER <i>Smith</i>	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS <i>224 E. Douglas #400</i>		CONTRACTOR <i>Marlin Dale</i>	LOCATION <i>1 Mrs. City, Ks.</i>		CODE <i>25523</i>
CITY, STATE, ZIP <i>Wichita, Ks. 67202</i>		SHIPPED VIA <i>Mrs. City, Ks.</i>	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION <i>2 Mrs. City, Ks.</i>
WELL TYPE <i>01</i>	WELL CATEGORY <i>01</i>	WELL PERMIT NO.	DELIVERED TO <i>Location</i>		LOCATION <i>3</i>
TYPE AND PURPOSE OF JOB <i>035</i>		<i>B-941977</i>	ORDER NO.		REFERRAL LOCATION

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any case of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such product, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such item. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117		1		MILEAGE <i>51145</i>	19	mil.			260	49	40
007-013	001-016	1		Pump Service	4439	Ft				1300	22
007-161		1		Additional Stage	1700	Ft				1,025	10
75	813.16510	1		D.V. Plug Set	1	pc.	5 1/2	in		439	20
26	847.6318	1		Insert Valve Flange Shoe	1	pc.	5 1/2	in		245	20
27	815.19311	1		Auto. Filling Assy	1	pc.	5 1/2	in		30	20
71	813.80000	1		Multiple Stage Center	1	pc.	5 1/2	in		2,450	10
40	807.93022	1		5-3' Centralizers	6	pc.	5 1/2	in	44 ⁰⁰	264	20
320	800.8823	1		Cmt Bucket	1	pc.	5 1/2	in		90	10
018-317		1		Supp. Flange	10	pc.	5 1/2	in	87 ⁰⁰	870	22
019-241		1		Part Head	1	pc.	5 1/2	in		155	22

THIS IS NOT AN INVOICE

RECEIVED
STATE COMMISSION
OCT 08 1991

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO.

B-941977

3,060 97

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X *[Signature]*
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X _____
CUSTOMER OR HIS AGENT (SIGNATURE)

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

[Signature]
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL

CUSTOMER

SUB TOTAL

APPLICABLE TAXES WILL BE ADDED ON INVOICE.