

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

KCC

OCT 28

Operator: License # 30444 **CONFIDENTIAL**

Name: Charter Production Company

Address 224 E. Douglas, Suite 400
Wichita, KS 67202

City/State/Zip

Purchaser: Aquila Energy

Operator Contact Person: Jerald W. Rains

Phone (316) 264-2808

Contractor: Name: Murfin Drilling Company

License: 30606

Wellsite Geologist: Chuck Schmaltz

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator:

Well Name:

Comp. Date Old Total Depth

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

7-3-93 7-19-93 7-31-93
Spud Date Date Reached TD Completion Date

API NO. 15-175-21321-00-00
County Seward **CONFIDENTIAL**

C. SE. SE. SE Sec. 33 Twp. 34 Rge. 31 X
330 Feet from S (circle one) Line of Section
330 Feet from E (circle one) Line of Section

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

Lease Name Floyd Well # 1
Field Name Wildcat

Producing Formation Chester

Elevation: Ground 2693 KB 2701

Total Depth 6450 PBTD

Amount of Surface Pipe Set and Cemented at 35 its, 1588 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 ALT 1 9/7 12-16-93
(Data must be collected from the Reserve Pit)

Chloride content 2200 ppm Fluid volume 8067 bbls

Dewatering method used Evaporation & Deflocculation

Location of fluids **RELEASED** hauled offsite:

Operator Name JAN 1 1996

Lease Name License No.
FROM CONFIDENTIAL
Quarter Sec. Twp. S Rng. E/W

County 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 Jerald W. Rains

Title Operations Manager Date 10-28-93

Subscribed and sworn to before me this 28th day of October 19 93

Notary Public Nancy Kandt

Date Commission Expires 2-4-96

NANCY KANDT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. Feb. 4, 1996

RECEIVED
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution 10-29-93
 KCC SWD
 KGS Plug Wichita, Kan Other
(Specify)

Operator Name Charter Production Company Lease Name Floyd Well # 1
 Sec. 33 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 Log Formation (Top), Depth and Datum Sample
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

Name Top Datum

See enclosed geologist's log

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

PLEASE KEEP ALL INFORMATION CONFIDENTIAL

CASING RECORD <input checked="" 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 Casing	12 1/4"	8 5/8"	24#	1588'	Premium Lite	150 555	2%CC 2%CC
Production Casing	7 7/8"	5 1/2"	15#	6271'	EA-2	300	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	Top Bottom			
<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 ^{KCC} _{9H}	6161'-67' Acidized	500 gals, 7 1/2% FE Acid	
4	6161'-67' Fractured	20,000 gals 65 quality CO2 Foam & 32,700# 20/40 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 7/8"	6138'			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First Resumed Production, (SWD or In.)			Producing Method				
10-28-93			<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio
				1000			

Disposition of Gas: Vented Sold Used on Lease
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled
 Production Interval: 6161'-67'

CONFIDENTIAL

ORIGINAL

CHARTER PRODUCTION COMPANY
224 E. DOUGLAS, SUITE 400
WICHITA, KANSAS 67202
(316) 264-2808

KCC

OCT 28

DAILY DRILLING REPORT

CONFIDENTIAL

FLOYD #1—1993 HPEP 2693' GR
C SE SE SE SECTION 33-34S-31W 2701' KB
SEWARD COUNTY, KANSAS
CHARDONNAY PROSPECT
API # 15-175-21,321

DST #1 4598'-4625' (LANSING B)

Times: 30"-30"-30"30"
IF: Weak Surface Blow...Bldg. to 1/2"
FF: Weak Blow....Died in 5"

RECOVERED: 20' Muddy Water (60% mud, 40% water)
50' Watery Mud (40% mud, 60% Water)

Initial Flow: 44-44 PSI Initial Shut In: 1200 PSI
Final Flow: 55-55 PSI Final Shut In: 1104 PSI
BHT: 112
Hydrostatic 2274#-2252#

RELEASED

JAN 11 1996

FROM CONFIDENTIAL

7-10-93 7:00 AM 4882' OPERATION: RUNNING DST #2

DST #2 4855-4882' (IOLA)

Times: 30"-60"-60"-60"
IF: Strong Blow in 4"
FF: Strong Blow in 5"
(gas to surface in 20" into FSI)

RECOVERED: 300' O&GCM (20% gas, 20% oil, 60% mud)
100' HG&OWM (50% gas, 20% oil, 10% water, 20% mud)

Hydrostatic: 2386#-2386#

Initial Flow: 55-77 PSI Initial Shut In: 1486 PSI
Final Flow: 122-166 PSI Final Shut In: 1442 PSI
BHT 115

7-11-93 DST #3 4896'-4907' (DRUM)

Times: 45"-60"-60"-60"
IF: Weak Blow, built to 7 1/2"
FF: Weak Blow, built to 5 1/2"

RECOVERED: 525' MW (40% mud, 60% water)

Chlorides: 20,000 PPM (sample)
4,400 PPM (mud)

Hydrostatic: 2430#-2386#

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STATE CORPORATION COMMISSION

OCT 29 1993

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL CONFIDENTIAL

Initial Flow: 44-144 PSI Initial Shut In: 1486 PSI
Final Flow: 166-277 PSI Final Shut In: 1475 PSI
BHT 119

KCC

OCT 28

CONFIDENTIAL

7-13-93

7:00 AM 5278' OPERATION: On bottom with DST #4(5243'-78')

DST #4 5243'-5278' (Marmaton)

Times: 30"-60"-60"-60"

IF: Strong blow off bottom in 5".

FF: Strong blow immediately

Gas to surface in 22"

25" 1.85 mcf

30" 3.37 mcf

40" 4.45 mcf

50" 4.76 mcf

60" 5.05 mcf

RECOVERED: 90' SW&GCM w/scum of oil (10% gas, 20% water, 70% mud)

Chlorides: 10,500 PPM (sample)

4,000 PPM (mud)

Hydrostratic pressures: 2586#-2586#

RELEASED

Initial Flow: 133-133 PSI

Initial Shut In: 1696 PSI

Final Flow: 88-122 PSI

Final Shut In: 1608 PSI

BHT: 112

Mud Properties: Wt. 9.3, Viscosity 44, WL 9.8, Chlorides 4000 MCD 6514

JAN 11 1996

FROM CONFIDENTIAL

7-14-93

7:00 AM 5336' OPERATION: RUNNING DST #5 (5309'-36' NOVINGER)

DST #5 5309-36' (NOVINGER)

Times: 30"-60"-60"-60"

IF: Strong Blow in 2" Gas to Surface in 17", 20.7 mcf in 20", 29.9 in 30"

FF: 10" 61.4 mcf, 20", 63.4 mcf, 30" 65.3 mcf, 40" 65.3, 50" 59.3 mcf, 60"

57.3 mcf

Gas would burn.

RECOVERED: 230' SG&WCM (5% gas, 25% water, 70% mud)

175' GCMW (10% gas, 70% water, 20% mud)

Hydrostatic: 2586#-2586#

Chlorides: 50,000 PPM (sample)

4,500 PPM (mud)

Initial Flow: 77-111 PSI

Initial Shut In: 1730 PSI

Final Flow: 17-144 PSI

Final Shut In: 1652 PSI

BHT 121

Mud Properties: WT 9.3, Viscosity 48, WL 8.0, Chl 4500, MCD 6314

7-17-93

7:00 AM 6155' OPERATION: DRILLING

Mud Properties: WT 9.1 Viscosity 56, WL 7.8, Chl 2600, MCD 10951

7-18-93

7:00 AM 6430' OPERATION: DRILLING

Mud Properties: WT 9.1 Viscosity 67, WL 7.8, Chl 1800, MCD 13577

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CONSERVATION DIVISION
Wichita, Kansas

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7-19-93

DST #6 6128'-6262' (CHESTER)

Times: 60"-90"-60"-90"

IF: Fair to strong blow off bottom of bucket in 4"

Gas to Surface in 50"

FF: Strong blow off bottom of bucket Immediately-Gauging gas throughout 90"
open (73.6 mcf/day)

RECOVERED: 160' GASSY MUD (20% gas, 80% mud)

Hydrostratic pressures: 3000-2879 PSI

Initial Flow: 96-106 PSI Initial Shut In: 1974 PSI

Final Flow: 74-64 PSI Final Shut In: 1995 PSI

BHT: 140

KCC

OCT 2 8

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RELEASED

JAN 1 1 1996

FROM CONFIDENTIAL

ORIGINAL



HALLIBURTON ENERGY SERVICES

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

INVOICE RECEIVED

JUL 15 1993

CONFIDENTIAL

INVOICE NO.	DATE
507229	07/04/1993

WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
LOYD 1	SEWARD	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
TERRAL	MURFIN	CEMENT SURFACE CASING	07/04/1993		
COCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
55799	MATT FINNESY	ORIGINAL		COMPANY TRUCK	53056

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

KCC
OCT 28

CONFIDENTIAL

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

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
000-117	MILEAGE	18	MI	2.75	49.50
001-016	CEMENTING CASING	1588	FT	1,105.00	1,105.00
12A	GUIDE SHOE - 8 5/8" 8RD THD.	1	EA	216.00	216.00
24A	INSERT FLOAT VALVE - 8 5/8" 8	1	EA	171.00	171.00
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	55.00	55.00
40	CENTRALIZER 8-5/8" X 12.25"	3	EA	72.00	216.00
50	HALLIBURTON WELD-A	1	LB	14.50	14.50
90-018	CEMENTING PLUG 5W, PLASTIC T	8 5/8	IN	130.00	130.00
004-050	CEMENT - PREMIUM PLUS	150	SK	8.95	1,342.50
004-120	CEMENT - HALL. LIGHT PREM PL	555	SK	8.05	4,467.75
007-210	FLOCELE	176	LB	1.40	246.40
009-406	ANHYDROUS CALCIUM CHLORIDE	13	SK	28.25	367.25
000-207	BULK SERVICE CHARGE	743	CFT	1.25	928.75
000-306	MILEAGE CMTG MAT DEL OR RETU	598.482	TMI	.85	508.71

RELEASED

JAN 11 1996

FROM CONFIDENTIAL

INVOICE SUBTOTAL

DISCOUNT-(BID)
INVOICE BID AMOUNT

*--KANSAS STATE SALES TAX
*--SEWARD COUNTY SALES TAX

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

01-12
APPROVED

9,810.36
2,749.18-
RECEIVED
STATE CORPORATION COMMISSION
OCT 29 1993
CONSERVATION DIVISION
Wichita, Kansas

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 fees of 20% of the unpaid account plus all collection and court costs.

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

ORIGINAL

INVOICE

RECEIVED

AUG - 4 1993



HALLIBURTON
ENERGY SERVICES

CONFIDENTIAL

INVOICE NO.	DATE
507243	07/21/199

WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER		
FLOYD 1	SEWARD	KS	SAME		
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE		
LIBERAL	NONE	CEMENT PRODUCTION CASING	07/21/199		
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
155799	ROBERT MOOREHEAD			COMPANY TRUCK	5394

ORIGINAL

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

OCT 28

CONFIDENTIAL

DIRECT CORRESPONDENCE TO:
OKLAHOMA TOWER
210 WEST PARK AVENUE
SUITE 2000
OKLAHOMA CITY, OK 73102-5601

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA -- MID CONTINENT					
000-117	MILEAGE	15	MI	2.75	41.25
		1	UNT		
001-016	CEMENTING CASING	6273	FT	1,745.00	1,745.00
		1	UNT		
12A	GUIDE SHOE - 5 1/2" BRD THD.	1	EA	121.00	121.00
825.205					
24A	INSERT FLOAT VALVE - 5 1/2" B.	1	EA	110.00	110.00
815.19251					
27	FILL-UP UNIT 5 1/2"-6 5/8" RELEASED	1	EA	55.00	55.00
815.19311					
40	CENTRALIZER 5-1/2" X 7 7/8" RELEASED	12	EA	44.00	528.00
807.93022					
320	CEMENT BASKET 5 1/2" FROM CONFIDENTIAL	2	EA	110.00	220.00
800.8883					
019-241	CASING SWIVEL W/O WALL CLEAN	1	JOB	155.00	155.00
030-016	CEMENTING PLUG SW ALUM TOP	5	1/2 IN	60.00	60.00
		1	EA		
018-317	SUPER FLUSH	15	SK	100.00	1,500.00
218-738	CLAYFIX II	2	GAL	21.50	43.00
504-043	CEMENT - PREMIUM	300	SK	8.69	2,607.00
507-775	HALAD-322	169	LB	6.90	1,166.10
508-127	CAL SEAL 60	20	SK	20.70	414.00
508-291	GILSONITE BULK	1800	LB	.40	720.00
509-968	SALT	2174	LB	.13	282.62
500-207	BULK SERVICE CHARGE	393	CFT	1.25	491.25
500-306	MILEAGE CMTG MAT DEL OR RETN	764.974	MI	.85	641.73

JAN 11 1996

FROM CONFIDENTIAL

02-07
APPROVED

INVOICE SUBTOTAL

10,900.95

DISCOUNT-(BID)

INVOICE BID AMOUNT

RECEIVED
STATE CORPORATION
6,758.62

OCT 29 1993

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

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 fees of 20% of the unpaid account plus all collection costs.

CONSTRUCTION DIVISION
Wichita, Kansas

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