

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

API NO. 15-119-20;867-0000

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

County Meade  
C SE SW Sec. 24 Twp. 32S Rge. 30 E  
660 Feet from S (circle one) Line of Section  
1980 Feet from E (circle one) Line of Section

Purchaser: \_\_\_\_\_  
Operator Contact Person: Jerald W. Rains  
Phone (316) 264-2808

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

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

Lease Name Boyd Fox "A" Well # 1  
Field Name Wildcat

Wellsite Geologist: \_\_\_\_\_  
Designate Type of Completion  
 New Well  Re-Entry  ~~Workover~~

Producing Formation \_\_\_\_\_  
Elevation: Ground 2724' KB 2733'  
Total Depth 6075' PBTD 6100'  
Amount of Surface Pipe Set and Cemented at 1633 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet

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

Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ ex cnt.

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. \_\_\_\_\_  
08-02-93 08-17-93 08-19-93  
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan ALT I DSA  
(Data must be collected from the Reserve Pit)  
Chloride content 12000 ppm Fluid volume 900 bbls  
Dewatering method used Evaporation & Deflocculation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter Sec. Twp. OCT 2 1994 Rge. 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 8/27/93  
Subscribed and sworn to before me this 27th day of September 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

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution:  KCC  SWD/Rep  Other  
 KGS  (Spec. Inv.)  
RECEIVED  
STATE CORPORATION COMMISSION  
SEP 28 1993

Form ACO-1 (7-91)  
9-28-93  
CONSERVATION DIVISION  
Wichita, Kansas

**CONFIDENTIAL**

SIDE TWO

Operator Name Charter Production Company Lease Name Boyd Fox "A:1" Well # 1  
County Meade  
Sec. 24 Twp. 32S Rge. 30  
 East  
 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.

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.)

Log Formation (Top), Depth and Datum  Sample  
Name \_\_\_\_\_ Top \_\_\_\_\_ Datum \_\_\_\_\_  
See Enclosed

List All E.Logs Run:  
Dual Induction, Microlog, Density Neutron &  
Geologists Log

PLEASE KEEP ALL INFORMATION CONFIDENTIAL

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	12 1/4"	8-5/8"	23#	1633'	Lite Premium +	545 150	2%CC

ADDITIONAL CEMENTING/SQUEEZE RECORD					
Purpose	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<input type="checkbox"/> Perforate					
<input checked="" 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		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

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

Estimated Production Per 24 Hours Oil \_\_\_\_\_ 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 \_\_\_\_\_

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

133  
SEP 27

DAILY DRILLING REPORT

CONFIDENTIAL

BOYD FOX "A" #1—1993 HPEP  
C SE SW/4 SECTION 24-32S-30W  
MEADE COUNTY, KANSAS  
CLAIRETTE PROSPECT

2724' GL  
2734' KB

API # 15-119-20 867

LOG TOPS

Depth/Datum

Heebner Shale	4370'(-1636)	4374'(-1640)
Toronto Ls.	4388'(-1654)	4389'(-1655)
Lans Staton Ls.	4506'(-1772)	4511'(-1777)
T/KC	4760'(-2026)	4766'(-2032)
Stark	4938'(-2204)	4944'(-2210)
Swope	4948'(-2214)	4954'(-2220)
B/KC	5062'(-2328)	5118'(-2384)
Marmaton	5634'(-2400)	5146'(-2412)
Novinger	5198'(-2464)	5217'(-2483)
Cherokee Gp	5281'(-2547)	5305'(-2571)
Excello Sh	5302'(-2568)	5327'(-2593)
Morrow	5606'(-2872)	5617'(-2883)
M Mrw Sd	5610'(-2876)	5642'(-2908)
M Chst D	5654'(-2920)	5663'(-2929)
M Chst C	5694'(-2960)	5729'(-2995)
M Chst B	5736'(-3002)	5782'(-3048)
M Chst A	5800'(-3066)	5821'(-3087)
M Chst Sdl	5855'(-3121)	5860'(-3126)
Erosional St. Gen	5888'(-3154)	5890'(-3156)
St. Gen	5914'(-3180)	5909'(-3175)
M St. Louis A	5989'(-3255)	5985'(-3251)
M St. Louis B	6021'(-3287)	6023'(-3289)
M St. Louis C	6040'(-3312)	6055'(-3321)
TD		6075'
8-2-93	MIRU Murfin Rig #21. Snud t	

RELEASED

OCT 12 1994

FROM CONFIDENTIAL

RECEIVED  
STATE CORPORATION COMMISSION  
SEP 28 1993  
CONSERVATION DIVISION  
Wichita, Kansas

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

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SEP 27

CONFIDENTIAL

DAILY DRILLING REPORT

BOYD FOX "A" #1—1993 HPEP 2724' GL  
C SE SW/4 SECTION 24-32S-30W 2734' KB  
MEADE COUNTY, KANSAS  
CLAIRETTE PROSPECT  
API # 15-119-20867

DST #1 5606'-5655'  
Times: 30"-60"-30"-30"  
1st Open: Weak Surface Blow—died in 20"  
2nd Open: No Blow

RECOVERED 30' MUD  
Initial Flow: 58-56 PSI Initial Shut In: 81 PSI  
Final Flow: 58-58 PSI Final Shut In: 81 PSI  
Initial Hydrostatic: 2955 PSI Final Hydrostatic: 2934 PSI  
BHT 126°

DST #2 5605'-5688'  
Times: 60"-60"-90"-120"  
1st Open: Weak blow bldg. to BOB in 22" (unseated packers momentarily when opening tool)  
2nd Open: GTS in 5", TSM

RECOVERED: 180' MUD  
170' GCM (3% gas)  
Initial Flow: 132-172 PSI Initial Shut In: 718 PSI  
Final Flow: 142-182 PSI Final Shut In: 1326 PSI  
Initial Hydrostatic: 2787 PSI Final Hydrostatic: 2758 PSI  
BHT 128°

8-16-93 7:00 AM 5800' OPERATION: DRILLING

RELEASED

DST #3 5677'-5731'  
Times: 60"-60"-60"-60"  
1st Open: Very weak blow bldg. to 1 1/2" and steady  
2nd Open: Very weak blow bldg to 1/2"

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RECOVERED: 130' DRILLING MUD

Initial Flow: 81-75 PSI Initial Shut In: 154 PSI  
Final Flow: 121-105 PSI Final Shut In: 152 PSI  
Initial Hydrostatic: 2810 PSI Final Hydrostatic: 2772 PSI  
BHT 129°  
8-18-93

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DST #4 5856'-6073'

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

1st open: Strong Blow--Nearly died

2nd open: Weak Blow to 1/2"

RECOVERED: 90' MUD

30' GCM (3% GAS)

Initial Flow: 71-65 PSI

Initial Shut In: 113 PSI

Final Flow: 73-93 PSI

Final Shut In: 126 PSI

1/2° at 6075'

Mud Properties: WT 9.2, Viscosity 51, WL 10.4, Chl 6000, MCD 10299.

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8-19-93

DST #5 5746'-5790'

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

Strong blow BOB 11"

Strong blow 1"

No gas to surface, NO GIP

RECOVERED: 380' Total Fluid

80' Mud

60' GOCM (10% oil, 55% mud, 35% gas)

60' HMC GO (45% oil, 50% mud, 5% gas)

60' SMC O (44% oil, 38% mud, 18% gas)

60' VSMCO (68% oil, 15% gas, 14% mud)

60' VHOCM (44% oil, 50% mud, 6% gas)

Initial Flow: 172-146 PSI

Initial Shut In: 872 PSI

Final Flow: 174-176 PSI

Final Shut In: 997 PSI

Initial Hydrostatic: 2897 PSI

Final Hydrostatic: 2887 PSI

Temp 139°

Bottom packer did not hold.

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CONSERVATION DIVISION  
Wichita, Kansas

REMIT TO:

P.O. BOX 951046  
DALLAS, TX 75395-1046

CUSTOMER COPY



HALLIBURTON  
ENERGY SERVICES

ORIGINAL

CONFIDENTIAL

INVOICE

INVOICE NO. DATE

507192 08/04/1993

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
10YD FOX A 1		MEADE		KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE		TICKET DATE	
		CEMENT SURFACE CASING		08/04/1993	
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
55799	BILL WYNN			COMPANY TRUCK	54507

DIRECT CORRESPONDENCE TO:

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

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

SEP 27

REFERENCE NO.	DESCRIPTION	QTY	UNIT	PRICE	AMOUNT
	DRILLING AREA - MID CONTINENT				
000-117	MILEAGE	28	MI	2.75	77.00
		1	UNT		
001-016	CEMENTING CASING	1634	FT	1,105.00	1,105.00
		1	UNT		
030-018	CEMENTING PLUG SW, PLASTIC T.	8	5/8 IN	130.00	130.00
		1	EA		
12A	GUIDE SHOE - 8 5/8" 8RD THD.	1	EA	216.00	216.00
825.217					
24A	INSERT FLOAT VALVE - 8 5/8" 9	1	EA	171.00	171.00
815.19502					
27	FILL-UP UNIT 7"- 8 5/8"	1	EA	55.00	55.00
815.19415					
40	CENTRALIZER 8-5/8" X 12.25"	3	EA	72.00	216.00
807.93059					
66	FASGRIP LIMIT CLAMP 8 5/8"	1	EA	13.75	13.75
807.64056					
504-050	CEMENT - PREMIUM PLUS	150	SK	8.95	1,342.50
504-120	CEMENT - HALL. LIGHT PREM PL	545	SK	8.05	4,387.25
507-210	FLOCELE	135	LB	1.40	190.40
509-406	ANHYDROUS CALCIUM CHLORIDE	13	SK	28.25	367.25
500-207	BULK SERVICE CHARGE	730	CFT	1.25	912.50
500-306	MILEAGE CMTG MAT DEL OR RETU	1628.375	THI	.85	1,392.62

INVOICE SUBTOTAL

10,576.27

DISCOUNT-(BID)

INVOICE BID AMOUNT

4,018.96

6,557.31

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

FROM CONFIDENTIAL

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STATE CORPORATION COMMISSION  
58.25

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

SEP 28 1993  
\$6,900.25

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.

CONSERVATION DIVISION  
Wichita, Kansas

AREA CODE 913 483-2627

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AUG 27 1993

APPLIED CEMENTING COMPANY, INC.

P. O. BOX 31  
RUSSELL, KANSAS 67665

RECEIVED  
SEP 28 1993  
COMSERVATION DIVISION  
Wichita, Kansas

TO: Charter Production Company  
400 Kress Energy Center  
Wichita, KS 67202

INVOICE NO. 64667  
PURCHASE ORDER NO.  
LEASE NAME Boyd Fox A-1  
DATE Aug. 19, 1993

SERVICE AND MATERIALS AS FOLLOWS:

Common 141 sks @\$6.85	\$965.85	RELEASED OCT 12 1994	FROM CONFIDENTIAL	
Pozmix 94 sks @\$3.00	282.00			
Gel 14 sks @\$7.00	98.00			\$1,345.85
Handling 235 sks @\$1.00	235.00			
Mileage (55) @\$.04¢ per sk per mi	517.00			
Rotary Plug	525.00			
Mi @\$2.25 pmp trk chg	67.50			
1 plug	21.00			1,365.50
				<u>Total</u>
				\$2,711.35

01-12  
APPROVED  
ER

Thank you!

If account CURRENT 20% discount will be allowed ONLY if paid within 30 days from date of invoice.

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter.

Plug

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