

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

API NO. 15- 097-21,393-0000  
County Kiowa  
70' N & 140' W  
- C - SW - SW Sec. 7 Twp. 28S Rgs. 18 X W

Operator: License # 5118

730 Feet from (S) (circle one) Line of Section

Name: TGT Petroleum Corp

520 Feet from (E) (circle one) Line of Section

Address 155 N. Market

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

Suite 820

Lease Name Norma Well # 1

City/State/Zip Wichita, Ks 67202

Field Name Unknown

Purchaser: NA

Producing Formation NA

Operator Contact Person: B. Lynn Herrington

Elevation: Ground 2250' KB 2255'

Phone (316) 262-6489

Total Depth 4950' PBTD \_\_\_\_\_

Contractor: Name: Abercrombie RTD, Inc.

Amount of Surface Pipe Set and Cemented at 414 Feet

License: 30684

Multiple Stage Cementing Collar Used? Yes X No

Wellsite Geologist: Richard Steve Davis

If yes, show depth set \_\_\_\_\_ Feet

Designate Type of Completion  
 New Well  Re-Entry  Workover

If Alternate II completion, cement circulated from \_\_\_\_\_

Oil  SWD  SIOV  Temp. Abd.

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sz cmt.

Gas  ENHR  SIGW

Drilling Fluid Management Plan ALT E&A 3-27-96  
(Data must be collected from the Reserve Pit) RD

Dry  Other (Core, MSW, Expl., Cathodic, etc)

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

Operator: \_\_\_\_\_

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KANSAS CORPORATION COMMISSION  
12-19-95  
DEC 19 1995

Well Name: \_\_\_\_\_

Chloride content 30,000 ppm Fluid volume 200 bbls

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deswating method used \_\_\_\_\_

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

Location of fluid disposal if hauled offsite: \_\_\_\_\_

RELEASED

DEC 18

Operator Name \_\_\_\_\_

Lease Name MAR 23 1998 License No. \_\_\_\_\_

9-7-95 9-17-95 9-17-95  
Spud Date Date Reached TD Completion Date

Quarter Sec. Twp. S Rng. E/W

FROM CONFIDENTIAL

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 B. Lynn Herrington

Title Executive Vice-President Date 12/18/95

Subscribed and sworn to before me this 18th day of December 19 95.

Notary Public Judith K. Moser

Date Commission Expires May 17, 1997

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
XCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NEPA \_\_\_\_\_  
KCS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

JUDITH K. MOSER  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 5-17-97

Operator Name TGT Petroleum Corp.

Lease Name Norma

Well # 1

Sec. 7 Twp. 28S Rge. 18

East  
 West

County Kiowa

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.)

List All E.Logs Run:

Name	Top	Datum	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
			Topeka	3723	-1468
Heebner	4068	-1813			
Brn Lime	4228	-1973			
Lansing	4236	-1981			
B/KC	4640	-2385			
Cherokee Shale	4764	-2509			
Mississippi	4800	-2545			
Kinderhook	4886	-2631			
TD	4950	-2695			

CASING RECORD

New  Used

Report all strings set-conductor, surface, intermediates, 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 1/2"	8 5/8"	24#	414'	Halco Lt	160	2% CC, 1/4# Flosea per sk
					60/40 Poz	100	3% CC

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		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
				<input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SVD or Inj.	Producing Method
	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Dil	Bbla.	Gas	Mcf	Water	Bbla.	Gas-Dil Ratio	Gravity

Disposition of Gas:

Vented  Sold  Used on Lease  
(If vented, submit ACD-18.)

METHOD OF COMPLETION

Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify)

Production Interval

\_\_\_\_\_

CONFIDENTIAL

CONFIDENTIAL

ACO-1 NORMA #1 15-097-21393  
70' N & 140' W C SW SW Sec. 7-28S-18W  
Kiowa County, Ks.

ORIGINAL

DRILL STEM TESTS

DST #1 - 4478'-98'. 60-60-60-60 Weak blow to no blow. Rec. 95' gas  
cut mud, 9% gas, 91% mud. IF 31-41, FF 72-83. ISIP 925, FSIP 821.  
Temp. 121°.

DST #2 - 4758'-89'. 30-30-30-30 Weak blow 20 min. died. Rec. 20' mud.  
IF 21-21, FF 21-21. ISIP 21, FSIP 31. Temp. 120°.

DST #3 - 4786'-4811'. 60-60-60-60 Weak blow thruout. Rec. 30' mud.  
IF 21-21, FF 31-31. ISIP 127, FSIP 533. Temp. 120°.

RELEASED

MAR 23 1998

FROM CONFIDENTIAL

NOV

DEC 18

CONFIDENTIAL

RECEIVED  
KANSAS CORPORATION COMMISSION

DEC 19 1995

CONSERVATION DIVISION  
WICHITA, KS



TICKET CONTINUATION

DUNCAN COPY

TICKET No. 835487

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER T G T PETROLEUM CORP	WELL NORMA 1	DATE 09-07-95	PAGE 2	OF 2
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
504-316		1			HALLIBURTON LIGHT CEMENT	160	sk			8.03	1284.80
507-210	890.50071	1			FLOCELE BLENDED 1/4#	40	lb			1.65	66.00
509-406	890.50812	1			CALCIUM CHLORIDE BLENDED 2%	3	sk			36.75	110.25
LOADED ON TRUCK #4142/5621-FRONT											
504-136		1			40/60 POZMITX W2% GEL	100	sk			7.16	716.00
509-406	890.50812	1			CALCIUM CHLORIDE BLENDED 1/4#	3	sk			36.75	110.25
LOADED ON TRUCK #4142/5621-BACK											
<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 2em;">ORIGINAL</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 2em;">CONFIDENTIAL</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.8em;">           RECEIVED            KANSAS CONSERVATION COMMISSION            DEC 19 1995            CONSERVATION DIVISION            WICHITA, KS         </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 0.8em;">           RELEASED            MAR 23 1998            FROM CONFIDENTIAL         </div> </div>											
500-207		1			SERVICE CHARGE					1.35	371.25
500-306		1			MILEAGE CHARGE	23,446					
					TOTAL WEIGHT						
					LOADED MILES	34					
					TON MILES	275					
					CUBIC FEET	398.59				95	378.66

No. B 281061

CONTINUATION TOTAL

3037.21



HALLIBURTON ENERGY SERVICES

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 835413

FORM 1911 R-10

CUSTOMER <b>T G T PETROLEUM CORP</b>	WELL <b>NORMA 1</b>	DATE <b>09-17-95</b>	PAGE <b>2</b>	OF <b>2</b>
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT		
		LOC	ACCT	DF		QTY.	U/M				
504-136		1			40/60 POEMIX W2% GEL	135	sk	7.16	966.60		
507-277	516.00259	1			HALLIBURTON GEL BLENDED 4% ADD	5	sk	18.60	93.00		
<del>LOADED ON TRUCK #4413-SPLIT</del>											
ORIGINAL											
CONFIDENTIAL											
RECEIVED						KANSAS CORPORATION COMMISSION		DEC 19 1995		CONSERVATION DIVISION WICHITA, KS	
RELEASED						MAR 23 1998		FROM CONFIDENTIAL			
SERVICE CHARGE					CUBIC FEET						
500-207		1			MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES	145	1.35	195.75
500-306		1			11,961		35	209.3175		.95	198.85

No. B 281052

CONTINUATION TOTAL

1454.20