

ORIGINAL

CONFIDENTIAL

KCC

MAR 19 1992

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

API NO. 15- 097-21,299 - 0000

RELEASED

County Kiowa  East  
C W/2 W/2 SE Sec. 31 Twp. 27S Rge. 18  West

CONFIDENTIAL

Operator: License # 5118

Name: TGT Petroleum Corp.

Address 209 E. William

City/State/Zip Wichita, Ks. 67202

Purchaser: \_\_\_\_\_

Operator Contact Person: B. Lynn Herrington

Phone ( 316 ) 262-6489

Contractor: Name: Abercrombie Drilling, Inc.

License: 5422

Wellsite Geologist: Al Stude

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If OWLO: old well info as follows:  
Operator: \_\_\_\_\_

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

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

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

12/26/90 1/12/91 Delay Comp.

Spud Date 12/26/90 Date Reached TD 1/12/91 Completion Date Delay Comp.

1320  Ft. North from Southeast Corner of Section

2310  Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

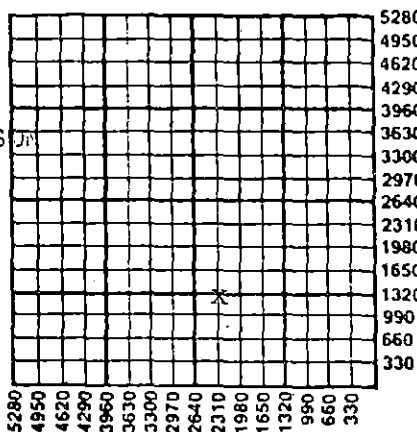
Lease Name Rice "D" Well # 5

Field Name Einsel

Producing Formation Mississippi

Elevation: Ground 2226 KB 2238

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



Amount of Surface Pipe Set and Cemented at 409' 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 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.

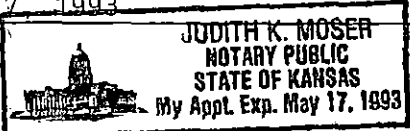
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature B. Lynn Herrington  
Title Executive Vice-President Date 3/19/91

Subscribed and sworn to before me this 19th day of March, 19 91.

Notary Public Judith K. Moser  
Judith K. Moser

Date Commission Expires May 17, 1993



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)

CONFIDENTIAL

CONFIDENTIAL

SIDE TWO

Operator Name TGT Petroleum Corpt Lease Name Rice "D" Well # 5

Sec. 31 Twp. 27S Rge. 19  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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Formation Description</b> <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample <table border="1"> <thead> <tr> <th>Name</th> <th>Top</th> <th>Bottom</th> </tr> </thead> <tbody> <tr><td>Anhydrite</td><td>1169</td><td>(+1069)</td></tr> <tr><td>B/Anhydrite</td><td>1190</td><td>(+1048)</td></tr> <tr><td>Topeka</td><td>3714</td><td>(-1476)</td></tr> <tr><td>Heebner</td><td>4056</td><td>(-1818)</td></tr> <tr><td>Brn Lime</td><td>4211</td><td>(-1973)</td></tr> <tr><td>Lansing</td><td>4221</td><td>(-1983)</td></tr> <tr><td>B/KC</td><td>4608</td><td>(-2370)</td></tr> <tr><td>Cherokee</td><td>4740</td><td>(-2502)</td></tr> <tr><td>Mississippi</td><td>4795</td><td>(-2557)</td></tr> <tr><td>Kinderhook Sand</td><td>4866</td><td>(-2628)</td></tr> <tr><td></td><td>4914</td><td>(-2676)</td></tr> </tbody> </table>	Name	Top	Bottom	Anhydrite	1169	(+1069)	B/Anhydrite	1190	(+1048)	Topeka	3714	(-1476)	Heebner	4056	(-1818)	Brn Lime	4211	(-1973)	Lansing	4221	(-1983)	B/KC	4608	(-2370)	Cherokee	4740	(-2502)	Mississippi	4795	(-2557)	Kinderhook Sand	4866	(-2628)		4914	(-2676)
Name	Top		Bottom																																			
Anhydrite	1169		(+1069)																																			
B/Anhydrite	1190		(+1048)																																			
Topeka	3714	(-1476)																																				
Heebner	4056	(-1818)																																				
Brn Lime	4211	(-1973)																																				
Lansing	4221	(-1983)																																				
B/KC	4608	(-2370)																																				
Cherokee	4740	(-2502)																																				
Mississippi	4795	(-2557)																																				
Kinderhook Sand	4866	(-2628)																																				
	4914	(-2676)																																				
Samples Sent to Geological Survey.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																					
Cores Taken	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																					
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																					

**CASING RECORD**  LTD  New  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 3/4"	8 5/8"	24#	409'	60-40 Pozmix	100	2% gel, 3% cc
Production	7 7/8"	5 1/2"	17#	4912'	Halcolt	150	3% cc
					Halcolt	85	1# gilsonite
					50-50 Pozmix	175	2% gel, 10% salt, 5% CFR-2

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

**TUBING RECORD** Size Set At Packer At Liner Run  Yes  No

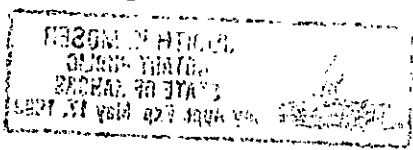
Date of First Production Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production 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  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_



ORIGINAL

CONFIDENTIAL

KCC

CONFIDENTIAL

MAR 19 1992

Rice "D" #5  
W/2 W/2 SE Sec. 31-27S-18W  
Kiowa County, Ks.

RELEASED

CONFIDENTIAL

APR 12 1993

FROM CONFIDENTIAL

DRILL STEM TESTS

- DST #1 - 4250'-70' 60-60-60-60. Strong blow to fair blow thruout.  
Rec. 1000' gas in pipe, 30' gas cut mud, and 50' slightly  
oil and gas cut mud. IF 30-40, FF 50-60. ISIP 159, FSIP  
159. Temp 111°.
- DST #2 - 4492'-4510' 60-60-60-60. Gas to surface in 28 min. Rec.  
120' gas and heavy oil cut mud, 360' gassy oil, 70' free oil  
and 20' water. Total fld. rec. 570'. IF 40-139, FF 129-199.  
ISIP 578, FSIP 579. Temp. 111°. Gauge - 18.5 MCF
- DST #3 - 4711'-4839' 60-60-60-60. Gas to surface in 3 min. Rec. 90'  
gas cut mud. IF 378-378, FF 368-378. ISIP 1148, FSIP 1148.  
Temp. 106°. Gauge 2,075 MCF
- DST #4 - 4839'-49' 60-60-60-60. Strong blow. Gas to surface in 60  
min. Rec. 30' gas cut mud, 90' gas and slightly oil cut  
mud. IF 20-50, FF 20-50. ISIP 1148, FSIP 1148. Temp, 108°.  
Gauge - 27.0 MCF
- DST #5 - 4849'-64' 60-60-60-60. Strong blow. Gas to surface in 7 min.  
Rec. 70' gas and oil cut mud, 90' muddy, gassy oil, and 360'  
oil. IF 50-120, FF 100-199. ISIP 1148, FSIP 1148. Temp. 120°.  
Gauge - 25.0 MCF



**BULK MATERIALS DELIVERY**

**ORIGINAL AND TICKET CONTINUATION**

**CONFIDENTIAL**

FOR INVOICE AND TICKET NO. **991941**

DATE <b>1-12-91</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>Rice D-5</b>	COUNTY <b>Kiowa</b>	STATE <b>Ks.</b>
CHARGE TO <b>T. G. T. Petroleum Corporation</b>		OWNER <b>T.G.T. Petro. Corp.</b>	CONTRACTOR <b>Abercrombie Drlg.</b>	
MAILING ADDRESS		DELIVERED FROM <b>Great Bend, Ks.</b>	LOCATION CODE <b>25520</b>	PREPARED BY <b>S.C. Henry</b>
CITY & STATE		DELIVERED TO <b>Location</b>	TRUCK NO. <b>0977-6660</b>	RECEIVED BY <i>Biden</i>

**RELEASED**  
**2 1993**

**FROM CONFIDENTIAL**

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-316	516.	2	B	Halliburton Light Cement	85	sk			5.64	479.40	
				170 50/50 pozmix Cement							
504-308	516.00261	2	B	Standard Cement 5	85	sk			5.35	454.75	
506-105	516.00286	2	B	Pozmix A	85	sk			2.79	237.15	
506-121	516.00259	2	B	3 Halliburton Gel 2% allowed						NC	
509-968	516.00315	2	B	Salt Blended 10%W/170	800	lb.			.10	80.00	
508-292	70.15573	2	B	Gilsonite Blended 15%W/85	1300	lb.			.47	611.00	
507-153	516.00161	2	B	CFR-3 Blended .5%W/170	71	lb.			4.00	284.00	
500-307		2	B	Surcharge	491.48				.10	49.15	
				Returned Mileage Charge						368.61	
				TOTAL WEIGHT		LOADED MILES		TON MILES			
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET			
500-207		2	B	SERVICE CHARGE				CU. FEET 292	1.10	321.20	
500-306		2	B	Mileage Charge	24,574	40		491.48	.75	368.61	
				TOTAL WEIGHT		LOADED MILES		TON MILES			
No. <b>B 917688</b>		CARRY FORWARD TO INVOICE					SUB-TOTAL				<b>2885.26</b>

**THIS IS NOT AN INVOICE**

RECEIVED  
STATE CORPORATION COMMISSION  
MAR 20 1991  
Wichita, Ks.

CUSTOMER

ORIGINAL

CONFIDENTIAL

CC

DATE 12-26-90	CUSTOMER ORDER NO.	WELL NO. AND FARM Rice D #5	COUNTY Kiowa	MAR 19 1992	STATE Ks.
CHARGE TO T. G. T. Petroleum Corporation		OWNER T.G.T. Petro. Corp.	CONTRACTOR Abercrombie Drig. No. B 917650		
MAILING ADDRESS 209 E William		DELIVERED FROM Great-Beard, Ks.	LOCATION CODE 25520	PREPARED BY S.C. Henry	
CITY & STATE Wichita KS		DELIVERED TO Location	TRUCK NO. 1540-5621	RECEIVED BY / /	

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-316		2	B	Halliburton Light Cement	150	sk			5.64	845.00	
				100 40% portland/60% cement							
504-308	513.00261	2	B	Standard Cement	60	sk			5.35	321.00	
505-105	516.00285	2	B	Portix A	40	sk			2.79	111.60	
506-121	516.00259	2	B	2 Halliburton gal 2% Allowed						NC	
509-406	890.50812	2	B	Calcium Chloride 321/100	6	sk			25.75	154.50	
				283/150							
500-207		2	B	Surcharge	461.64				.70	46.16	
				Returned Mileage Charge							
				TOTAL WEIGHT		LOADED MILES		TON MILES			
				SERVICE CHARGE ON MATERIALS RETURNED				CU. FEET			
500-207		2	B	SERVICE CHARGE				262	1.10	288.20	
500-306		2	B	Mileage Charge	23,082	40		461.64	.75	346.23	
				TOTAL WEIGHT		LOADED MILES		TON MILES			
No. B 917650		CARRY FORWARD TO INVOICE						SUB-TOTAL		2113.69	