# CONFIDENTIAL

# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL Form Must Be Typed
LEASE

Form ACO-1 September 1999

# **WELL COMPLETION FORM**

**WELL HISTORY - DESCRIPTION OF WELL & LEASE** 

Operator: License #	API No. 15 - 185-23396 <b>-00-60</b>
Name: T-N-T Engineering, Inc.	County: Stafford
Address: 3711 Maplewood Ave, Suite 201	SE - SE - Sec. 32 Twp. 21 S. R. 13 ☐ East
City/State/Zip:Wichita Falls, TX 76308	330 feet from S / N (circle one) Line of Section
Purchaser: Coffeyville	330 feet from (E) W (circle one) Line of Section
Operator Contact Person: Hal Gill	Footages Calculated from Nearest Outside Section Corner:
Phone: (940 ) 691-9157 ext 113	(circle one) NE SE NW SW
Contractor: Name: Landmark Drilling	Lease Name: Chapman Well #: 10
Contractor: Name: Landmark Drilling License: 33549	Field Name: Gates
Wellsite Geologist:Jim Musgrove	Producing Formation: Arbuckle
Designate Type of Completion:	Elevation: Ground: 1898' Kelly Bushing: 1903'
New Well Re-Entry Workover	Total Depth: 3864' Plug Back Total Depth: 3816
✓ Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 310' Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tow/sx cmt.
Well Name:	Au 7 11 2 2 2 2
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan ALFING $\Rightarrow$ 9-09 (Data must be collected from the Reserve Pt)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No	RECEIVED  Location of fluid disposal if hauled of the componential commission
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name:
10/23/06 10/31/06 12/3/06	Lease Name: Liconservation division
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R. WCHTA Seast West
Recompletion Date Recompletion Date	County: Docket No.:
	•
Information of side two of this form will be held confidential for a period of 1	er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply.  2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes rules and regulations promulgated to regula	te 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: Hul Jaul	KCC Office Use ONLY
Title:	Letter of Confidentiality Received
Subscribed and sworn to before me this 27 day of 100	If Denied, Yes Date:
20.06	Wireline Log Received
Juna of That Lypp)	Geologist Report Received
Notary Public Swar & Our Frances May 26, 2010	UIC Distribution
Date Commission Expires: 11/1015 04, 2010	

Operator Name:	T-N-T Engineerir	ng, Inc.		Leas	e Name:_	Chapman		_ Well #:10		
Sec. 32 Twp. 21	S. R <del>13</del>	☐ East	<b>✓</b> West	Count		tafford				
NSTRUCTIONS: Show ested, time tool open a emperature, fluid recov Electric Wireline Logs s	and closed, flowing very, and flow rates	and shut-ii if gas to s	n pressures, v urface test, al	vhether s ong with	hut-in pre	ssure reached	static level, hydro	static pressur	es, bottom	hole
Orill Stem Tests Taken (Attach Additional Sh	neets)	<b>√</b> Yes	. No		<b>√</b> La	og Formati	on (Top), Depth a	nd Datum	Sa	mple
Samples Sent to Geolo	•	Yes	i  ✓ No		Name	e		Тор	Da	ıtum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes	i ✓ No		Arbu		MOC	3752'	KB	1903'
ist All E. Logs Run:							IAN 1 6 200 1AN 1 6 200	7		
DI, CN/CD						C(	MFIDENT	IAL		
		Report	CASING I		✓ Ne surface, inte	w Used rmediate, produc	tion, etc.			
Purpose of String	Size Hole Drilled		Casing In O.D.)		eight /Ft.	Setting Depth	Type of Cement	# Sacks Used		d Percent litives
Surface Pipe	12 1/4"	8 :	5/8"	2	4#	310'	60/40 Poz	325 sxs	3% cc/1	/4#/sx cf
Production String	7 7/8"	5	1/2"	15	5.5#	3,862'	AA-2	180 sxs	10%s,3%fr,.29	5%df,.8%flr-32
		-							1/4#/sx cf &	5#/sx gilsonite
Purpose:	Depth					EEZE RECOR				
Perforate Protect Casing Plug Back TD Plug Off Zone	Top Bottom	Туре с	f Cement	#Sack	s Used		Type and H	ercent Additives	S	
Shots Per Foot			) - Bridge Plug ach Interval Peri		е		cture, Shot, Cement count and Kind of Ma		rd	Depth
2	3778' - 3779'					None				
2	3752' - 3754'					250 gal 7 1/2		RECI SAS CORPOR	EIVED ATION COM	MISSION
	2.30-W.00A							JAN 1	6 2007	
							to the second se	CONSERVAT WICH	ION DIVISIO	ON
TUBING RECORD	Size 2 7/8"	Set At 3862'		Packer	At	Liner Run	Yes 🗸 No			
Date of First, Resumerd 12/3/06	Production, SWD or E	Enhr.	Producing Met	nod	Flowing	Pump	ing Gas Li	ft 🗌 Oth	ner (Explain)	
Estimated Production Per 24 Hours	Oil 17	Bbls.	Gas 0	Mcf	Wate 691	er E	Bbls. (	Gas-Oil Ratio		Gravity
Disposition of Gas	METHOD OF (	COMPLETIO	N			Production Inte	rval		*	
Vented Sold	✓ Used on Lease mit ACO-18.)	[	Open Hole Other (Speci	<b>√</b> Pe	erf. 🔲 C	Dually Comp.	Commingled _			



Wichita, Ks. 67202 316-262-3699 316-262-5799 FAX

620-672-1201 620-672-5383 FAX

620-624-2280 FAX

# Invoice

Bill to:	200609	Invoice	Invoice Date	Order	Station
T-N-T Engineering Inc	·	610177	10/23/06	14153	Pratt
3711 Maplewood Suite 201			Service De	escription	
. 16 100	- 0 8		Cem	ent	
Wichita Falls, TX 76308 JAN 6 2007	PAIL		Lease	Well	Well Type
		Ch	ampman	10	New Well
			AFE	PO	Terms
					Net 30
CustomerRep			Trea	iter	
Rick Popp			Steve O	rlando	
D. <u>Description</u>			UOM Quantity	Unit Price	Price

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	Quantity	Unit Price	Price
D203	60/40 POZ (COMMON)	SK	325	\$10.30	\$3,347.50 (T)
C310	CALCIUM CHLORIDE	LBS	840	\$1.00	\$840.00 (T)
C194	CELLFLAKE	LB	79	\$3.70	\$292.30 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$88.90	\$88.90 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	80	\$5.00	\$400.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	40	\$3.00	\$120.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	560	\$1.60	\$896.00
E107	CEMENT SERVICE CHARGE	SK	325	\$1.50	\$487.50
R201	CASING CEMENT PUMPER, 301-500' 1ST 4 HRS ON LOC.	EA	1	\$924.00	\$924.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
S100	FUEL SURCHARGE		1	\$80.29	\$80.29

Sub Total: \$7,726.49

Discount: \$1,223.39

Discount Sub Total: \$6,503.10 Stafford County & State Tax Rate: 6.30% Taxes: \$242.25

> (T) Taxable Item \$6,745.35 Total:

Date Disc Month

RECEIVED KANSAS CORPORATION COMMISSION

JAN 16 2007

**CONSERVATION DIVISION** WICHITA, KS



...e #007 Wichita, Ks. 67202 316-262-3699 316-262-5799 FAX

LE OFFICE: .∪∠<del>94</del> NE. P.O. Box 86 🛼 Pratt, Ks. 67124-8613 620-672-1201 620-672-5383 FAX

SALES & SERVICE OFFICE 1700 S. Country Estates Rd. P.O. Box 129 Liberal, Ks. 67905-0129 620-624-2277 620-624-2280 FAX

# Invoice

Bill	to: 200609	Invoice		oice Date	Order	Station	
	T-N-T Engineering Inc	610233	1	0/31/06	15316	Pratt	
·	3711 Maplewood Suite 201				Description		
	Wichita Falls, TX 76308			Ce	ment	· · · · · · · · · · · · · · · · · · ·	
	IN I G ROOM		Lease		We	ll Well 1	Гуре
			Champn <i>AFE</i>	nan	10	in industrial era militari	
	JAN 1 6 CONFIDENTIAL		AFE		PO	/ //	
.•	CustomerRep		_	Tr	eater	Net	30
	Rick Popp	<u> </u>		·	e Messick		
ID.	Description		UOM	Quantity	Unit Price		_
D205	AA2 (COMMON)		SK	180		<u>Price</u> \$2,862.00	T
D203	60/40 POZ (COMMON)	•	SK	25	\$10.30	\$2,802.00	
C194	CELLFLAKE		LB	46	\$3.70	\$170.20	•
C195	FLA-322 RECEIVE		LB	136		\$1,020.00	٠,
C221	SALT (Fine) KANSAS CORPORATION	COMMISSION	GAL	849	\$0.25	\$212.25	• •
C243	DEFOAMER JAN 16 2	007	LB	43		\$148.35	• •
C244	CEMENT FRICTION REDUCER CONSERVATION D	MISION.	LB	51	\$6.00	\$306.00	٠.
C321	GILSONITE WICHTA, KS		LB	901	\$0.67	\$603.67	• •
C141	CC-1, KCL SUBSTITUTE	•	GAL	8	\$44.00	\$352.00	٠,
C302	MUD FLUSH		GAL	500	\$0.86	\$430.00	٠.
F101	TURBOLIZER, 5 1/2"		EA	8	\$74.20	\$593.60	٠,
7171	LATCH DOWN PLUG & BAFFLE, 5 1/2"		EA	1	\$250.00	\$250.00	` ′
7211	AUTO FILL FLOAT SHOE, 5 1/2"		EA	1	\$320.00	\$320.00	` '
E100	HEAVY VEHICLE MILEAGE - 1 WAY		МІ	80	\$5.00	\$400.00	
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY		МІ	40	\$3.00	\$120.00	
E104	PROPPANT / BULK DELIV SERVICES/TON MILE,	\$200 MIN	TM	384	\$1.60	\$614.40	j
E107	CEMENT SERVICE CHARGE		SK	205	\$1.50	\$307.50	ĺ
208	CASING CEMENT PUMPER, 3501-4000' 1ST 4 HRS	ON LOC	EA	1	\$1,680.00	\$1,680.00	ĺ
R701	CEMENT HEAD RENTAL		EA	1	\$250.00	\$250.00	
R702	CASING SWIVEL RENTAL		EA	1	\$150.00	\$150.00	
5100	FUEL SURCHARGE			1	\$116.00	\$116.00	
	( O						
Varia	her 14013 Inv 6/0233				Sub Total:	\$11,163.47	
Vouc Vend					Discount:	\$1,767.60	
A GLISCO	or Coll Data (1) 3			T			

Voucher 4013 Inv 6/0233	Sub Total:	\$11,163.47
7001 /0/01	Discount:	\$1,767.60
Vendor 2017 Date 10/31	Discount Sub Total:	\$9,395.87
Amt Disc	Stafford County & State Tax Rate: 6.30% Taxes:	\$399.04
DueMonth	(T) Taxable Item Total:	\$9,794.91
G.L. 5011 Sub 1 100 10688 2		

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

#### **JAMES C. MUSGROVE**

Petroleum Geologist P.O. Box 1162 Great Bend, KS 67530

Office (620) 792-7716

Res. Claflin (620) 587-3444

T-N-T Engineering Inc. Chapman #10 SE-SE-SE; Section 32-21s-13w Stafford County, Kansas

Page No. 1

RECEIVED KANSAS CORPORATION COMMISSION

JAN 16 2007

CONSERVATION DIVISION WIGHTA, KS

5 1/2" Production Casing Set

Contractor:

Landmark Drilling Company (Rig #1)

Commenced:

October 21, 2006

Completed:

October 30, 2006

Elevation:

1903' K.B.; 1901' D.F.; 1898' G.L.

**Casing Program:** 

Surface; 8 5/8" @ 310'

Production; 5 1/2" @ 3875: 3.862'

Samples:

Samples saved and examined 3000' to the Rotary Total Depth.

**Drilling Time:** 

One (1) foot drilling time recorded and kept 3000' to the Rotary

Total Depth.

Measurements:

All depths measured from the Kelly Bushing.

Formation Testing: None.

Electric Log:

By Log Tech; Dual Induction and Dual Compensated Porosity

Log.

**Gas Detector:** 

None.

<u>Formation</u>	Log Depth	<u>Sub-Sea Datum</u>
Heebner	3235	-1332
Toronto	3255	-1352
Douglas	3269	-1366
Brown Lime	3364	-1461
Lansing	3375	1472
Base Kansas City	3606	-1703
Marmaton	3616	-1713
Conglomerate	3635	-1732
Viola	3648	-1745
Simpson Shale	3699	-1796
Simpson Sand	3710	-1807
Arbuckle	3751	-1851
Rotary Total Depth	3876	-1973
Log Total Depth	3864	-1961
	4 4 4	

(All tops and zones corrected to Electric Log measurements).

#### SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

#### **TOPEKA SECTION**

3100-3245'

Several zones of well developed porosity encountered in the lower Topeka Section but not show of oil and/or gas was noted.

T-N-T Engineering Inc. Chapman #10 SE-SE-SE; Section 32-21s-13w Stafford County, Kansas Page No. 2

#### **TORONTO SECTION**

3255-3264' Limestone; cream, white, finely crystalline, fossiliferous, chalky

in part, poor visible porosity, no shows.

#### **LANSING SECTION**

3375-3380'	Limestone; gray, white, chalky, few fossiliferous, poorly developed porosity, no shows.
3393-3406'	Limestone; gray, tan, fossiliferous, oolitic, chalky, poor visible porosity, no shows.
3411-3420'	Limestone; tan, gray, fossiliferous, trace spotty brown stain, no s how of free oil or odor in fresh samples.
3435-3438'	Limestone; gray, highly fossiliferous, chalky, trace dull gray stain, no show of free oil or odor in fresh samples.
3446-3461'	Limestone; white, gray, fossiliferous/oolitic, chalky in part, dark brown to brown stain, trace of free oil and questionable odor in fresh samples.
3461-3466'	Limestone; gray, fossiliferous, sub oomoldic, scattered fossil cat to sub oomoldic porosity, few oolitic, chalky, no shows.
3480-3490'	Limestone; gray, oolitic, chalky.
3500-3510'	Limestone; tan, oolitic, oomoldic, slightly cherty, dark brown to brown stain and saturation, show of free oil and faint odor in fresh samples.
3522-3530'	Limestone; white, cream, oolitic, chalky, trace spotty black and brown stain, no show of free oil or odor in fresh samples.
3536-3536'	Limestone; gray, tan, oolitic, oomoldic, fair porosity, fair brown stain and saturation, show of free oil and questionable odor in fresh samples.
3563-3576'	Limestone; gray, oolitic, few sub oomoldic, black to brown stain, trace of free oil and no odor in fresh samples.
3576-3584	Limestone; gray, oolitic/fossiliferous, trace stain, no show of free oil or odor in fresh samples
3588-3594'	Limestone; tan, fossiliferous, chalky, brown and gray stain, no show of free oil or odor, poor visible porosity.

#### **MARMATON SECTION**

Limestone; tan, highly oolitic, slightly cherty, trace black and ark brown stain, no show of free oil or odor in fresh samples.

#### **CONGLOMERATE SECTION**

3624-3648' Chert; gray, white, orange, boney, few opaque, trace pink tinted limestone and red, gray and green shale.

T-N-T Engineering Inc. Chapman #10

SE-SE-SE; Section 32-21s-13w

Stafford County, Kansas

Page No. 3

#### **VIOLA SECTION**

3648-3660' Chert; amber, white, gray, boney and opaque, no shows.

3660-3680' Chert; as above, semi-tripolitic, scattered pinpoint type porosity,

fine vuggy porosity, brown and black stain, trace of free oil and

no odor.

3680-3698' Chert; as above.

#### **SIMPSON SECTION**

3710-3726' Sand; white, tan, very fine grained, sub rounded, dolomitic in

part, brown and dark brown stain, trace of free oil and no odor in

fresh samples.

# ARBUCKLE SECTION

RBUCKLE SECTIO	<u>N</u>
3751-3760'	Dolomite; tan, buff, finely crystalline, sucrosic, fair intercrystalline to pinpoint type porosity, brown to golden brown stain and saturation, show of free oil and fair odor in fresh samples.
3768-3774'	Dolomite; as above, plus dolomite, cream, gray, medium crystalline, fair intercrystalline and vuggy porosity, brown and golden brown stain, trace of free oil and fair odor in fresh samples.
3786-3800'	Dolomite; gray, medium to coarse crystalline, fair to good intercrystalline and vuggy type porosity, dark brown to brown stain, show of free oil and fair odor in fresh samples. Plus white and gray chert.
3800-3810'	Dolomite; gray, tan, medium crystalline, fair to good intercrystalline, vuggy type porosity, dark brown stain and saturation, fair show of free oil and good odor in fresh samples.
3810-3820'	Dolomite; gray, white, medium crystalline, good intercrystalline

porosity, dark brown to brown to black (tarry) stain, show of free

oil (heavy, black tarry) and good odor in fresh samples.

3820-3836' Dolomite; as above, finely oomoldic and vuggy type porosity,

brown and black stain, show of free oil and faint odor.

Dolomite; gray, white, oomoldic, fair oomoldic porosity. 3840-3850'

decreasing stain, trace of free oil and faint odor, trace white

chert.

Dolomite; white, gray, pink, fine to medium crystalline, slightly 3850-3860

cherty, no stain, no free oil, faint odor.

Dolomite; as above, few sub oomoldic, fair porosity, trace white 3860-3863'

chert.

**Rotary Total Depth** Log Total Depth

3876 (-1973)

3864 (-1961)

T-N-T Engineering Inc. Chapman #10 SE-SE-SE; Section 32-21s-13w Stafford County, Kansas Page No. 4

#### **Recommendations:**

5 ½" production casing was set and cemented at 3863' (one foot off bottom, log measurements) and the following should be perforated in the Chapman #10:

- 1. Arbuckle 3770-3772 perforate
- 2. Arbuckle 3754-3756 perforate

All Lansing zones with sample shows and porosity should be tested before abandonment.

Respectfully submitted;

James C. Musgrove Petroleum Geologist ENGINEERING, INC.

- Certified Petroleum Engineers -

1-16-09

KCC JAN 1 ( 2007 CONFIDENTIAL

December 28, 2006

RECEIVED KANSAS CORPORATION COMMISSION JAN 16 2007

CONSERVATION DIVISION WICHITA, KS

Kansas Corporation Commission 130 S. Market Street – Room 2078 Wichita, KS 67202

RE: Chapman #10 Completion Reports

Dear Commissioner:

Enclosed please find the Completion Forms for the above referenced well along with a copy of each log ran, cementing tickets and the DST report. T-N-T Engineering hereby requests confidentiality of all completion, log and geological data.

If you have any questions, please contact me at (940) 691-9157 ext 113.

1

Sincerely,

Hal Gill Engineer

### T-N-T ENGINEERING, INC.

3711 Maplewood Ave, Suite 201
Wichita Falls, TX 76308
Office (940) 691-9157 Fax (940) 397-1220

#### MEMO

DATE:

September 18, 2008

TO:

Naomi

**Kansas Corporation Commission** 

RECEIVED KANSAS CORPORATION COMMISSION

M282 CONFORMION COMMISSION

FROM:

Susan Van Huss

Ext 111

JAN 20 2009

RE:

Chapman #10

API 15-185-23396

CONSERVATION DIVISION WICHITA, KS

T-N-T Engineering, Inc. received a request for DST's on the above referenced well. No DST's were run on this well. Please make this correction. I apologize for the confusion.

Thank you for your assistance. If you have any questions, please contact me at (940) 691-9157 Ext 113.

Susan Van Huss