

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 33699  
Name: T-N-T ENGINEERING, INC.  
Address: 3711 MAPLEWOOD AVE, SUITE 201  
City/State/Zip: WICHITA FALLS, TX 76308  
Purchaser: Coffeyville  
Operator Contact Person: Hal Gill  
Phone: (940) 691-9157 ext 113  
Contractor: Name: Murfin Drilling Co., Inc.  
License: 30606  
Wellsite Geologist: Randy Kilian  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)  
If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_  

<u>4/20/07</u>	<u>5/6/07</u>	<u>9/24/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 119-21178 0000  
County: Meade  
NE SW NW Sec. 24 Twp. 33 S. R. 30  East  West  
1700 feet from S /  (circle one) Line of Section  
800 feet from E /  (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE  (NW) SW  
Lease Name: Shinogle Well #: 24-1  
Field Name: Novinger  
Producing Formation: Chester Lime  
Elevation: Ground: 2703' Kelly Bushing: 2714'  
Total Depth: 6000' Plug Back Total Depth: 5970'  
Amount of Surface Pipe Set and Cemented at 1513 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.

**Drilling Fluid Management Plan** *ACT ± with*  
(Data must be collected from the Reserve Pit) *1-25-08*  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Hal Gill  
Title: Engineer Date: Oct 10, 2007  
Subscribed and sworn to before me this 10<sup>th</sup> day of October,  
20 07  
Notary Public: Suzanne VanHusen  
Date Commission Expires: May 26, 2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied. Yes  Date: \_\_\_\_\_  
 Wireline Log Received **RECEIVED**  
 Geologist Report Received **KANSAS CORPORATION COMMISSION**  
 UIC Distribution **OCT 12 2007**

Operator Name: T-N-T ENGINEERING, INC. Lease Name: Shinogle Well #: 24-1  
 Sec. 24 Twp. 33 S. R. 30  East  West County: Meade

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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:

ML, DI, D/N

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Base Heebner	4444'	-1730
Totonto	4457'	-1713
Lansing	4583'	-1869
Marmaton	5224'	-2510
Cherokee	5420'	-2706
Morrow FM	5746'	-3032
Chester FM	5840'	-3126

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	12 1/4"	8 5/8"	24#	1513'	Class "A"	700 sx	550 sx lite + 3% cc 1/4# floeal
Production String	7 7/8"	4 1/2"	10.5#	5997'	Common "H"	275 sx	cl + 10% gypsum + 10% sil + 0.5% <input checked="" type="checkbox"/>

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	5899' - 5912'		
2	5885' - 5892'		
2	5881' - 5883'	F/20,000 gals gelled wtr + 1,500 gals acid	
2	5872' - 5874'		
2	5841' - 5850'		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input checked="" 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	Gravity
	17	19	3		

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Pert.  Dually Comp.  Commingled \_\_\_\_\_  
 (If vented, Submit ACO-18.)  Other (Specify) \_\_\_\_\_

IA Operating, Inc.  
Shinogle No. 24-1  
Meade Co., Kansas

## GEOLOGICAL REPORT

Top Marmaton Lime 5232 (-2518), 13' low to Calvin #1-24 Shinogle. Cut 6' DB 5238-5244 @ ½ to 1 mpf. Circulated samples @ 5244, lime with no show, no gas.

Top Novinger Lime 5299 (-2585), 14' low to Calvin #1-24 Shinogle, which was tight with no porosity. 3' DB 5299-5302 drilled 1.5 to 2' mpf. Had good gas show (42 units, BG 28) and good oil show. Bright green yellowish fluorescence with fair to good streaming oil cut. Tan, sucrosic, oolitic lime with good porosity. TD 5330. 5' DB 5321-26 had no show, no gas. GIH with DST #1 5296-5310.

Cherokee 5421(-2707), 9' low to Calvin #1-24 Shinogle. Cut 10' DB 5579-89 in Atoka Lime, avg. 2 mpf, BG 3-5 mpf. Has 85 units gas (BG 55), faint oil odor, bright yellow fluorescence, good steaming cut, visible sucrosic porosity. Will run DST #2 5577-91. TD 5647.

Top Morrow Sand 5757(-3043), 8' low to Calvin. 23' DB 5757-80, 1-2 mpf, BG 4-5 mpf. VFG with poor to fair sorting, faint oil odor. Spotted to even tan oil stain with yellow to gold yellow fluorescence, good to excellent stream cut. Abundant friable sand. 95-105 units gas, 75 BG. Will run DST #3 5750-78.

Top Chester Lime 5848(-3134)?, maybe higher. Lime and shale from 5848-5937 with interbedded silt. Dull yellow fluorescence, trace of bright yellow fluorescence and oil cut, no DB. Lime 5937-86, 5 mpf, no show. Sand 5986-6000, no DB. Dull yellow fluor., no gas, no cut, no show. TD 6,000.

Ran 4 ½" production casing to TD on May 7, 2007. The well came in 7' low to the Calvin #1-24 Shinogle and was wet in the Marmaton "A" Lime. The top of the Novinger Reef had 2-3' of net pay, DST#1 205' gassy oil & 5' mud. The lower reef had wet porosity. The Morrow Sand was shaly and tight. However, the Mississippian Chester Lime had 24' of possible gas pay. The zone carried a gas show of 80 units (BG 35) and had good SP development. Porosity is 6-9%. The Microlog indicates scattered permeability with probable fracturing. A heavy stimulation may be necessary to produce the Chester.

RECEIVED  
KANSAS CORPORATION COMMISSION

JAN 24 2008

CONSERVATION DIVISION  
WICHITA, KS

# ALLIED CEMENTING CO., INC. 23874

REMIT TO P.O. BOX 31  
 RUSSELL, KANSAS 67665

SERVICE POINT:  
Medicine Lodge

DATE <u>5-07-07</u>	SEC. <u>24</u>	TWP. <u>38S</u>	RANGE <u>30 W</u>	CALLED OUT <u>9:30 PM</u>	ON LOCATION <u>1:30 AM</u>	JOB START <u>5:35 AM</u>	JOB FINISH <u>6:15 AM</u>
LEASE <u>Shingo</u>		WELL # <u>24-1</u>	LOCATION <u>Plains KS. 6 1/4 S.</u>		COUNTY <u>Woods</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>2 east 1/4 south 3/5</u>					

CONTRACTOR Mustin #2 OWNER JA Operation  
 TYPE OF JOB Production Csg.  
 HOLE SIZE 7 1/2 I.D. 6000  
 CASING SIZE 4 1/2 x 12.5 DEPTH 5999'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 1700 MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 43  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 96 Bbls 2.85 cu  
 EQUIPMENT

CEMENT	AMOUNT ORDERED	UNIT	PRICE	TOTAL
10 Gals Mud Clean	20	Gal	13.40	268.00
10 Gals Mastic	500	5x Press Bl + 10 Eye Seal		
10x Seal & Release	874-110	8' Gal Block + DeFoamer		
COMMON	<u>300 H</u>	@	<u>13.40</u>	<u>4020.00</u>
POZMIX		@		
GEL		@		
CHLORIDE		@		
ASC		@		
Mud Clean	<u>500 gal</u>	@	<u>1.00</u>	<u>500.00</u>
Gyp Seal	<u>28</u>	@	<u>23.35</u>	<u>653.80</u>
Salt	<u>33</u>	@	<u>9.00</u>	<u>316.80</u>
FK-160	<u>226</u>	@	<u>10.65</u>	<u>2406.90</u>
Gas Block	<u>170</u>	@	<u>8.90</u>	<u>1513.00</u>
Clay Pnt	<u>10 gal</u>	@	<u>25.00</u>	<u>250.00</u>
DeFoamer	<u>42</u>	@	<u>7.20</u>	<u>302.40</u>
Kal Seal	<u>1800</u>	@	<u>.70</u>	<u>1260.00</u>
HANDLING	<u>407</u>	@	<u>1.90</u>	<u>773.30</u>
MILEAGE	<u>45 x 407</u>	x	<u>.09</u>	<u>1648.35</u>
				TOTAL <u>13644.5</u>

PUMP TRUCK # 414-302 CEMENTER Carl Balding  
 HELPER Dennis Cusberberg  
 BULK TRUCK # 363 DRIVER Larry Freeman  
 BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

Run 5999' 4 1/2 casing. Drop ball for shoe & circulate for 40 mins. Run 500 Mud-Clean mix 275 5x Press Bl + additive. Wash Plug + line. Release plug + Displace with 96 Bbls 2.85 KPI. Wash Bump Plug + Float Hold. Plug 12' 1100 lbs (255x)

SERVICE

DEPTH OF JOB	<u>5999'</u>		
PUMP TRUCK CHARGE			<u>1965.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>45</u>	@	<u>6.00</u>
MANIFOLD		@	
Head Rental		@	<u>100.00</u>
TOTAL <u>2335.00</u>			

CHARGE TO: JA Operating  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

4 1/2" PLUG & FLOAT EQUIPMENT

1-AFU Float 5bc	@	<u>385.00</u>	<u>385.00</u>
1-hold Down plug	@	<u>360.00</u>	<u>360.00</u>
10 tubulars	@	<u>60.00</u>	<u>600.00</u>
TOTAL <u>1345.00</u>			

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS  
 SIGNATURE [Signature] PRINTED NAME \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 24353

REMIT TO P.O. BOX 31  
 RUSSELL, KANSAS 67665

SERVICE POINT:  
*Medicine Lodge, KS*

DATE <i>04/07</i>	SEC <i>24</i>	TWP. <i>33s</i>	RANGE <i>30W</i>	CALLED OUT <i>8:00AM</i>	ON LOCATION <i>1:00PM</i>	JOB START <i>4:00PM</i>	JOB FINISH <i>5:30PM</i>
LEASE <i>Shingle</i>		WELL # <i>24-1</i>	LOCATION <i>Plains, KS, 6 1/4 S, 2E, 1/4 S, E/4 Meade</i>		COUNTY	STATE <i>KS</i>	
OLD OR NEW (Circle one)			<i>into</i>				

CONTRACTOR *Muafin #2*  
 TYPE OF JOB *Surface*  
 HOLE SIZE *12 1/4* TD. *1515*  
 CASING SIZE *8 5/8* DEPTH *1515*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM *-*  
 MEAS. LINE SHOE JOINT *43'*  
 CEMENT LEFT IN CSG. *43'*  
 PERFS.  
 DISPLACEMENT *94 Bbls Fresh H<sup>2</sup>O*

OWNER *IA Operating*  
 CEMENT  
 AMOUNT ORDERED *550sx 65:35:6+3%  
 cc + 1/4" Flo Seal AND 150sx "A" + 3% cc + 2%  
 gel*  

COMMON	<i>150 A</i>	@	<i>12.60</i>	<i>1890.00</i>
POZMIX		@		
GEL	<i>3</i>	@	<i>16.65</i>	<i>49.95</i>
CHLORIDE	<i>23</i>	@	<i>46.60</i>	<i>1071.80</i>
ASC		@		
<i>ALW</i>	<i>550</i>	@	<i>11.85</i>	<i>6517.50</i>
<i>Flo Seal</i>	<i>138</i>	@	<i>2.00</i>	<i>276.00</i>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<i>760</i>	@	<i>1.90</i>	<i>1444.00</i>
MILEAGE	<i>45 x 760 x .09</i>			<i>3078.00</i>
				TOTAL <i>14327.3</i>

**EQUIPMENT**

PUMP TRUCK CEMENTER *D. Felio*  
 # *343* HELPER *S. Kramer*  
 BULK TRUCK  
 # ~~360~~ *421* DRIVER *L. Freeman Jr.*  
 BULK TRUCK  
 # ~~421~~ *360* DRIVER *M. Backer*

**REMARKS:**

*Pipe on Brim, Break Circ, Pump Pre flush, Mix  
 550sx Lite weight, Mix 150sx tail Cement,  
 Stop Pump, @ Release Plug, Start Disp,  
 Wash open Plug, See steady increase in P.S.T,  
 Slow Rate, Pump Plug at 94 Bbls total Fresh  
 H<sup>2</sup>O Disp, Release P.S.T, Float Did Hold,  
 Cement Did Cure*

**SERVICE**

DEPTH OF JOB	<i>1515'</i>		
PUMP TRUCK CHARGE			<i>1610.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>45</i>	@	<i>6.00 270.00</i>
MANIFOLD	<i>hand rental</i>	@	<i>100.00 100.00</i>
		@	
		@	
TOTAL <i>1980.00</i>			

CHARGE TO: ~~IA~~ *IA Operating Inc*  
 STREET *900 N. Tyler RD. Suite 111*  
 CITY *Wichita* STATE *KS* ZIP *67212*

**8 5/8" PLUG & FLOAT EQUIPMENT**

<i>1- TRP</i>	@	<i>100.00</i>	<i>100.00</i>
<i>1- Guide Shoe</i>	@	<i>250.00</i>	<i>250.00</i>
<i>1- AFV insert</i>	@	<i>335.00</i>	<i>335.00</i>
<i>2- Baskets</i>	@	<i>220.00</i>	<i>440.00</i>
<i>5- Centralizers</i>	@	<i>55.00</i>	<i>275.00</i>
TOTAL <i>1400.00</i>			

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT ~~100.00~~ IF PAID IN 30 DAYS

SIGNATURE \_\_\_\_\_

*Jeremy Stuckey*  
 PRINTED NAME