

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

5/18/11

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33699
Name: T-N-T Engineering, Inc.
Address 1: 3711 Maplewood, Ste. 201
Address 2: _____
City: Wichita Falls State: TX Zip: 76308 + _____
Contact Person: Stephanie Black-Smith
Phone: (940) 691-9157
CONTRACTOR: License # 34272
Name: Outlaw Well Service
Wellsite Geologist: n/a
Purchaser: Coffeyville
Designate Type of Completion:
____ New Well Re-Entry ____ Workover
 Oil ____ SWD ____ SIOW
____ Gas ____ ENHR ____ SIGW
____ CM (Coal Bed Methane) ____ Temp. Abd.
____ Dry ____ Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:
Operator: Stanolind Oil & Gas
Well Name: Huck "A" #3
Original Comp. Date: 03/16/56 Original Total Depth: 3848'
____ Deepening ____ Re-perf. ____ Conv. to ^{Pro.} ~~Sub.~~ Conv. to SWD
 Plug Back: 3810' Plug Back Total Depth _____
____ Commingled Docket No.: _____
____ Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: E-23,529
02/12/10 n/a 02/16/10
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 051-24084 05180-00-02
Spot Description: _____
____ SE ____ NW ____ Sec. 31 Twp. 11 S. R. 20 East West
4290 Feet from North / South Line of Section
4358 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellis
Lease Name: Huck "A" Well #: 3
Field Name: Nicholson South
Producing Formation: LKC
Elevation: Ground: 2254' Kelly Bushing: 2259'
Total Depth: 3865' Plug Back Total Depth: 3810'
Amount of Surface Pipe Set and Cemented at: 207 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1689 Feet
If Alternate II completion, cement circulated from: 1689
feet depth to: 300 w/ 600 sx cmt.

Drilling Fluid Management Plan RE NGS-2510
(Data must be collected from the Reserve Pit)
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: Val Bell
Title: Engineer Date: 5-18-10
Subscribed and sworn to before me this 18 day of May
20 10
Notary Public: Jamie A Wilkinson
Date Commission Expires: 5/24/2011

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 20 2010

JAMIE A. WILKINSON
Notary Public, State of Texas
My Commission Expires
May 24, 2011

OIL & GAS CONSERVATION DIVISION
WICHITA, KS

Operator Name: T-N-T Engineering, Inc. Lease Name: Huck "A" Well #: 3
 Sec. 31 Twp. 11 S. R. 20 East West County: Ellis

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Injection profile sent with U-1 on 08/13/09. No new logs, DST's, or cores.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Arbuckle</td> <td>3839</td> <td>-1585</td> </tr> <tr> <td>LKC</td> <td>3535</td> <td>-1281</td> </tr> </table>	Name	Top	Datum	Arbuckle	3839	-1585	LKC	3535	-1281
Name	Top	Datum								
Arbuckle	3839	-1585								
LKC	3535	-1281								

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	29#	207'		150	Pozmix w/2% gel
Production	7 7/8	5 1/2	14#	3844'		150	Pozmix w/2% gel

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				see attached

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
		see attached	
		RECEIVED KANSAS CORPORATION COMMISSION	
		MAY 20 2010	
		CONSERVATION DIVISION WICHITA, KS	

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>-3485</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Entr. <u>02/24/10</u>		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. <u>13</u>	Gas Mcf <u>0</u>	Water Bbls. <u>19</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>LKC (interval 3536'-3732')</u>
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ADDITIONAL CEMENTING/SQZ RECORD

<u>PURPOSE</u>	<u>DEPTH TOP/BTM</u>	<u>TYPE OF CEMENT</u>	<u># SX</u>	<u>TYPE & % ADDITIVES</u>
N/A				
<u>SHOTS PER FOOT</u>	<u>PERF RECORD – BRIDGE PLUGS SET/TYPE</u>		<u>ACID, FRAC, CMT SQZ RECORD</u>	<u>DEPTH</u>
1spf – 46 holes (total)	LKC K: 3729'-3732' LKC J: 3713'-3717' LKC H: 3673'-3676' LKC G: 3635'-3637' LKC F: 3619'-3621' LKC F: 3624'-3626' LKC E: 3616' LKC C: 3593' LKC C: 3596'-3598' LKC B: 3573'-3574' LKC B: 3577'-3580' LKC A: 3536'-3537' LKC A: 3540'-3542' LKC A: 3549'-3541'		Spot A/250 gal on perms and treat with A/7000 gal 15% + 78 ball sealers throughout	3536'-3732'
	CIBP: 3830' w/20' cement cap (PBTD: 3810') DV Tool (STAGE COLLAR)		Cement w/600 sx @ 300'	1689'

RECEIVED
 KANSAS CORPORATION COMMISSION
 MAY 20 2019
 CONSERVATION DIVISION
 WICHITA, KS

sell, KS
65-483-2003

ALLIED CEMENTING CO. LLC
(ACID)
P.O. Box 31
Russell, Kansas 67665
785-483-2627

10180
Medicine Lodge, KS
620-886-5926

Date	2-17-10		PO#	Randy		Location	N. of Ellis, Ks				
Owner	T.N.T. Engineering		Lease	Huck A		Well	#3	County	EI.	State	Ks
Station	Russell		Section	Township	Range	Formation	LKC		Contractor	Outlaw	

WELL DATA				PERFORATIONS		TREATMENT		INFO:
	SIZE	WEIGHT	DEPTH	VOLUME	SHOTS FT.	Max. Pressure		
TUBING	2 7/8		3430	19.8	From 3536 to 3738	2000#	Min. Pressure	100#
CASING	5 1/2		3536	2.7	From to	Avg. Inj. Rate		5.0 Bpm
OPEN HOLE				22.5	From to	Avg. TrT Pressure		1600#
PKR					From to	Total Fluid Pumped		207.5 Bbbls.
TDPB					From to			

To: Allied Cementing Company LLC (ACID)
You are hereby requested to rent acidizing equipment to do work as listed.
Charge To: T.N.T. Engineering
Street
City State

TREATMENT LOG							
TIME A.M./P.M.	PRESSURE		TOTAL FLUID PUMPED	FLUID IN FORMATION	INDIVIDUAL FLUID PUMPED	INJECTION RATE	EXPLANATION
	TBG	CSG					
9:26	1700#		9.4				Test Tools - OK
9:54	30#		(20.0)				Spot 250 gal. Acid at 3738'
10:30	30#				3.0		Restart Acid, Pkr, set at 3430'
	100#		38.0		5.0		Drop 1 Ball Every 15 seconds
	250#		47.0		5.0		Caught Pressure
10:44	150#		60.5		5.0		Balls on Perfs
	100#		80.0		5.0		Pressure Break
	150#		91.5		5.0		45 Balls In
	300#		95.0		5.0		Pressure Increase, Ball Action
	350#		105.0		5.0		" " "
	650#		110.0		5.0		" " "
	800#		112.0		5.0		" " "
	400#		118.0		5.0		Pressure Break
	600#		130.0		5.0		Pressure Increase "
	1000#		134.0		5.0		" " "
	2000#		137.0				" " Balled off, 78 Balls In
	1700#		139.0		1.5		Surged Back, Restart Acid
	1900#		180.0		1.5		Acid In, Start Flush
	1900#		184.0		1.0		Pressure Increase
11:55	1900#		202.5		.8		Acid Clear, Start Overflush
12:03	1900#		207.5		.8		Shot Down, Instant .75 Bpm VAC
							Treated With 7000 gal. 15% NE/FE 78 Perf Balls

EQUIPMENT AND PERSONNEL		MATERIALS USED		AMOUNT	UNIT PRICE	TOTAL COST
Toby	405	Pump Truck Charge		1	650.00	650.00
	475	15% NE/FE		7000 gal.	1.71	11,970.00
Blake	434	Inhibitor		21 gal.	34.50	724.50
Steve	406	Rubber Perfs Balls		78 Balls	2.50	1950.00
	454	Mileage (1 unit @ 20 mi.)		20 miles	4.00	80.00

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