

ORIGINAL

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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

AUG 16 2010

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

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: Hal Gill or 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 WSW SWD SLOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:
Operator: Energy Reserves Group (#5318)

Well Name: Huck "A" #9

Original Comp. Date: 07/10/1985 Original Total Depth: 4000'

Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: 3794' Plug Back Total Depth
 Commingled Permit #: CO-120904
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

06/25/1985 07/02/1985 02/02/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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.

AFFIDAVIT
I am the affiant and I hereby certify that 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: Kansas Area Engineer Date: August 11, 2010

API No. 15 - 051-24233-00-01
Spot Description: _____
W/2 E/2 NW Sec. 31 Twp. 11 S. R. 20 East West
3,960 Feet from North / South Line of Section
3,630 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 #: 9
Field Name: Nicholson South
Producing Formation: Arbuckle, LKC
Elevation: Ground: 2253.5' Kelly Bushing: 2261'
Total Depth: 4000' Plug Back Total Depth: 3974'
Amount of Surface Pipe Set and Cemented at: 261 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1680' Feet
If Alternate II completion, cement circulated from: 1680'
feet depth to: surface w/ 500 sx cmt.

Drilling Fluid Management Plan
(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 #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

KCC Office Use ONLY
 Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: WJ Date: 8/17/10

Operator Name: T-N-T Engineering, Inc. Lease Name: Huck "A" Well #: 9
 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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: No new logs, DST's or cores. All logs previously filed with original completion dated 08/14/1985.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input checked="" type="checkbox"/> Log</td> <td style="width:70%;">Formation (Top), Depth and Datum</td> <td style="width:20%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Heebner</td> <td>3501'</td> <td>-1240</td> </tr> <tr> <td>Lansing</td> <td>3536'</td> <td>-1275</td> </tr> <tr> <td>Kansas City</td> <td>3747'</td> <td>-1486</td> </tr> <tr> <td>Topeka</td> <td>3280'</td> <td>-1019</td> </tr> <tr> <td>Toronto</td> <td>3524'</td> <td>-1263</td> </tr> <tr> <td>Arbuckle</td> <td>3841'</td> <td>-1580</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Heebner	3501'	-1240	Lansing	3536'	-1275	Kansas City	3747'	-1486	Topeka	3280'	-1019	Toronto	3524'	-1263	Arbuckle	3841'	-1580
<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample																							
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Toronto	3524'	-1263																							
Arbuckle	3841'	-1580																							

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		261		200	50/50 poz 2% gel w/cacl
Production	7 7/8	5 1/2	14#	3999		275/500	50/50 poz 2% gel, 10% salt + adds

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" 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 AUG 16 2010 KCC WICHITA	

TUBING RECORD:	Size: <u>2 7/8</u>	Set At: <u>3849'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>03/25/2010</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>8</u>	Gas Mcf <u>0</u>	Water Bbls. <u>121</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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Arbuckle, LKC</u> <u>(interval 3538'-3852')</u>
--	--	---

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>
4 holes	LKC K: 3729'-3732'	}		Spot 400 gal 15% NEFE acid w/Mutual Solvent (all LKC perfs 3538'-3732').	3677'-3732'
5 holes	LKC J: 3713'-3717'				
1 hole	LKC I: 3705'				
3 holes	LKC I: 3691'-3693'				
3 holes	LKC H: 3677'-3679'			Treat w/3500 gal acid + drop 32 ball sealers throughout.	
2 holes	LKC F: 3623'-3624'	}		Spot 400 gal 15% NEFE acid w/Mutual Solvent (all LKC perfs 3538'-3732').	3538'-3624'
2 holes	LKC E: 3614'-1615'				
4 holes	LKC C: 3594'-3597'				
2 holes	LKC B: 3581'-3582'				
4 holes	LKC B: 3574'-3577'			Spot 150 gal acid across perfs w/10 bbl lease water. Treat w/4000 gal 15% NEFE acid w/Mutual Solvent + 42 ball sealers.	
3 holes	LKC A: 3552'-3554'				
1 hole	LKC A: 3548'				
3 holes	LKC A: 3538'-3540'				
CIBP: 3854' w/120' cement cap (PBTD: 3974'). CIBP shuts off bottom Arbuckle perfs from 3856'-3864' (10/1994).					
DV Tool (STAGE COLLAR) Cement w/500 sx @ 1680' to Surface					1680'
Packer set at 3801'.					

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Perf-Tech

Wireline Services, Inc.

P.O. Box 87
HAYS, KS 67601-0087
(785) 623-3969

Invoice

DATE	INVOICE #
------	-----------

2/1/2010

7042

BILL TO:

T-N-T Engineering, Inc.
3711 Maplewood, Suite 201
Wichita Falls, Texas 76308

d

Voucher 21837 Inv 7042
Vendor 2016 Date 2/1
Amt 4185.68 Disc _____
Due 2/28 Month _____
Sub 17 Lsc 108303

SERVICE DATE	DESCRIPTION	ITEM	AMOUNT
2/1/2010	Huck "A" #9 Ellis County Kansas		
LKC	Perforated 3729' to 3732' 4 holes "K" 3713' to 3717' 5 holes "J" 3705' 1 hole "I" 3691' to 3693' 3 holes "I" 3677' to 3679' 3 holes "H" 3623' to 3624' 2 holes "F" 3614' to 1615' 2 holes "E" 3594' to 3597' 4 holes "C" 3581' to 3582' 2 holes "B" 3574' to 3577' 4 holes "B" 3552' to 3554' 3 holes "A" 3548' 1 hole "A" 3538' to 3540' 3 holes "A"	PERF	3,575.00T
	All zones shot using Titan Tungsten expendable charges, 37 holes total.		
	Truck Rental	Truck set up	400.00T
	Sales Tax		210.68

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Price reflects discount
Thank You for your business!!

Total

\$4,185.68



REMIT TO - P O BOX 99271
 OKLA CITY, OK 73199
 CORRESPOND TO
 P O BOX 1431
 DUNCAN, OK 73536

Will File

6-25-85

NO. 096595-4

A DIVISION OF HALLIBURTON COMPANY
 FORM 1906 R9

1 OF 2 PAGES

WELL NO. - FARM OR LEASE NAME Huck A9	COUNTY Ellis	STATE Kansas	CITY/OFFSHORE LOCATION	DATE 6-25-85
CHARGE TO Energy Reserves Group Inc.	OWNER Same	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ADDRESS Box 404	CONTRACTOR Red Tiger #17	LOCATION 1 Hays, Ks.		CODE 50325
CITY, STATE, ZIP Plainville, Ks. 67663	SHIPPED VIA 0300	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION 2	CODE
	DELIVERED TO N-W / Ellis, Ks.		LOCATION 3	CODE
ENERGY RESERVES GROUP INC < * 275113 P. O. BOX 404 PLAINVILLE, KS 67663		ORDER NO.	REFERRAL LOCATION	
WELL TYPE 01 OIL		WELL CATEGORY 01 Development	WELL PERMIT NO. B-466320	
TYPE AND PURPOSE OF JOB 010 Cont. Surface		New Well		

DUP

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATE PRECEDING SENTENCE. Halliburton's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, product liability, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117		1		MILEAGE Truck # 0300	25	mil.			2.12	52	50
001-016		1		Pump Service	261	ft				375	50
030-502		1		LA-10 Top Plug	1	ea	8 5/8	in	54.00	54	00
40	807.91035	0		S-3 Centralizer	1	ea	"		53.00	53	00
600002	2.00	0		Special Discount							21.20
400000				< LESS AGREED DISCOUNT >							267.52

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AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. B-466320

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

AKED WEAVER
 CUSTOMER OR HIS AGENT (PLEASE PRINT)

Aked Weaver
 CUSTOMER OR HIS AGENT (SIGNATURE)

TAX REFERENCES			SUB TOTAL
<u>m21320</u>	<u>50325</u>	<u>KS</u>	1547.75
			TAX 30.98
			TAX
			TAX
TOTAL			1578.73

WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER

R. Keyleiter
 HALLIBURTON OPERATOR



FORM 1908 R-4

A Division of Halliburton Company
DUNCAN, OKLAHOMA 73536

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 09695

DISTRICT Hays, Ks.

DATE 6-25-05

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Energy Resource Group (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. A-9 LEASE Black SEC. 31 TWP. 11 S RANGE 20 W

FIELD _____ COUNTY Ellis STATE Kansas OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER TYPE _____ SET AT _____

TOTAL DEPTH _____ MUD WEIGHT _____

BORE HOLE _____

INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	<u>N</u>	<u>20</u>	<u>8 7/8</u>	<u>KB</u>	<u>361</u>	
LINER						
TUBING						
OPEN HOLE				RECEIVED		SHOTS/FT.
PERFORATIONS				AUG 16 2010		
PERFORATIONS				KCC-WICHITA		
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED

Cont. 8 7/8" Surface casing with 100 sks 50-50 pps 2 1/2 GEL, 3% CC, K₂ Flocc
100 sks 50-50 pps - M₂ GEL, 3% CC

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- As consideration, the above-named Customer agrees:
- To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.
 - Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
 - Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
 - Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
 - Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
 - Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
 - Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
 - Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.
 - Invoices payable NET by the 20th of the following month after date of invoice. Upon Customer's default in payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ an attorney to enforce collection of said account, Customer agrees to pay all collection costs and attorney fees in the amount of 20% of the amount of the unpaid account.
 - This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
 - Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED [Signature] CUSTOMER

DATE _____

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

TIME _____ A.M. P.M.

HALLIBURTON SERVICES JOB SUMMARY

HALLIBURTON DIVISION

Wichita, Ks.

HALLIBURTON LOCATION

Hays, Ks.

BILLED ON TICKET NO.

096575

WELL DATA

FIELD _____ SEC. 31 TWP. 11^N RNG. 20^W COUNTY Ellis STATE Kansas

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD _____

COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____

PACKER TYPE _____ SET AT _____

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING	<u>N</u>	<u>8 5/8</u>	<u>KB</u>			
LINER						
TUBING						
OPEN HOLE						TOTAL DEPTH:
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>6-25-85</u>	DATE <u>6-25-85</u>	DATE <u>6-25-85</u>	DATE <u>6-25-85</u>
TIME <u>11:30</u>	TIME <u>2:45</u>	TIME _____	TIME _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>R. Hegler</u>	<u>Com 0700</u>	<u>Hays, Ks.</u>
<u>T. Caldwell</u>	<u>Bulk</u>	<u>Hays, Ks.</u>
<u>L. Hickey</u>	<u>3703</u>	<u>Hays, Ks.</u>

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TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS <u>S-3</u> <u>8 5/8</u>	<u>1</u>	<u>HOWCO</u>
BOTTOM PLUG		
TOP PLUG <u>LA-10</u>		
HEAD		
PACKER		
OTHER		

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

SELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFRAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

DEPARTMENT Cont.

DESCRIPTION OF JOB Cont. 8 5/8" Surface casing

JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X Owen W...

HALLIBURTON OPERATOR R. Hegler COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>100</u>	<u>50-50</u>	<u>Poz</u>		<u>B</u>	<u>2% Cel, 3% CC, 1/4" Flocc</u>	<u>1.26</u>	<u>14.9</u>
	<u>100</u>	<u>50-50</u>	<u>Poz</u>		<u>B</u>	<u>No Cel, 3% CC</u>	<u>1.07</u>	<u>15.2</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____

PREFLUSH: BBL-GAL _____ TYPE _____

REACKDOWN _____ MAXIMUM _____

LOAD & BKDN: BBL-GAL _____ PADI: BBL-GAL _____

VERAGE _____ FRACTURE GRADIENT _____

TREATMENT: BBL-GAL _____ DISPL: BBL-GAL. 156

HUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____

CEMENT SLURRY: BBL-GAL. 41.4

HYDRAULIC HORSEPOWER _____

TOTAL VOLUME: BBL-GAL. _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

REATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

REASON Requested

REMARKS

See Chart and Job Log

Thank You
Roger

CUSTOMER

CUSTOMER: Energy Resources Group
LEASE: Hays
WELL NO: A-9
JOB TYPE: Surface
DATE: 6-25-85

WELL NO. A9 LEASE Huck TICKET NO. 096595
 CU. IER Energy Resource Group PAGE NO. 1
 JOB TYPE Surface DATE 6-25-85

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	11:30							Called out
	2:45							On Loc. set up truck Rig
								Pull D.P. for Short trip
	3:21							Circulate on Bottom
	3:50							Start Running 8 1/2" 20' / FT
								Surface Csg. M hole Cont. on 1 1/2" Joint
	4:43							Csg. on Bottom Break Circ
	4:50							MIR 100stk 50-50 por 2% Gel.
								3% CC, 1/4" Plastic, 100stk 50-50por
		4	41.9					No Gel, 3% CC 41.9 ^{psi}
	5:22							Finished wiring Release Plug
								Start Dis. 1 1/2" ^{psi} Pulling Plug
								with measure line
	5:30							Plug down Circulated 3 ^{psi} Cont.
								to pit Shut in at well head
								wash and pack up truck
								Job Complete

Thank You

RECEIVED
 AUG 16 2010
 KCC WICHITA