

ORIGINAL

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

API NO. 15- 047-21,406 -0000

County EDWARDS

SW -SW - NW Sec. 14 Twp. 26 Rge. 16 E

2970 Feet from S/N (circle one) Line of Section

4950 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name WICHSER Well # 2

Field Name TROUSDALE NE

Producing Formation KINDERHOOK SAND

Elevation: Ground 2072 KB 2080

Total Depth 4446' PBTD 3487

Amount of Surface Pipe Set and Cemented at 429

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

Operator: License # 8061

Name: OIL PRODUCERS, INC. OF KANSAS

Address P.O. BOX 8647

City/State/Zip WICHITA, KANSAS 67208

Purchaser: FARMLAND INDUSTRIES INC.

Operator Contact Person: DIANA RICHECKY

Phone (316) 681-0231

Contractor: Name: DUKE DRILLING CO.

License: 5929

Wellsite Geologist: WILLIAM SHEPHERD

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD SLOW
X Gas BNHR. SIGW
Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD
Plug Back PBTD
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

8/5/95 8/10/95 9/13/95
Spud Date Date Reached TD Completion Date

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WICHITA, KS

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AIT I 3-27-96
(Data must be collected from the Reserve Pit) LV

Chloride content 12,560 ppm Fluid volume 400 bbls

Dewatering method used: hauled reserve pit then restor to near
to normal when dry

Location of fluid disposal if hauled offsite:

Operator Name OIL PRODUCERS, INC. OF KANSAS

Lease Name PALIMITIER License No. 8061

SW Quarter Sec. 16 Twp. 25 S Rng. 16 E/W

County EDWARDS Docket No. 20,983

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, 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 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 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 John S. Weir John S. Weir

Title President Date 12/18/95

Subscribed and sworn to before me this 18th of December 1995.

Notary Public Sheryl L. Murphy

Date Commission Expires 12-19-96

SHERYL L. MURPHY
State of Kansas
My Appt. Exp.

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C [checked] Wireline Log Received
C Geologist Report Received
Distribution
[checked] KCC [] SWD/Rep [] NGPA
[] KGS [] Plug [] Other (Specify)

Operator Name Oil Producers, Inc. of Kansas Lease Name WICHSER Well # 2

Sec. 14 Twp. 25S Rge. 16 East West County EDWARDS

ORIGINAL

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 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: Geo., Gamma-Ray neutron collar log
Correlation Cement Bond Log

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
Heebner	3764	(-1684)
Brown Lime	3911	(-1831)
Lansing Kansas City	3925	(-1845)
Lansing "H" zone	4076	(-1996)
Kindhook Sand	4396	(-2316)
Viola	4443	(-2366)
RTD	4446	(-2369)

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	28	429	60 40 POZ	290	3% CC, 2%gel
production	7 7/8"	4 1/2"	10.5#	4445	50 50 POZ	25	
					EA2	150	18% salt

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				

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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 shots exp.	4394'-4406'	1000 gals 15% DSFE & 36 ball sealer	4394-4406'
		frac 40,000 gal 35# boragel 59,000# sand	

CONSERVATION DIVISION
WICHITA, KS

TUBING RECORD	Size	Set At	Packer At	Linex Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8"	4394.98'		

Date of First, Resumed Production, SWD or Inj.	Producing Method
9/21/95	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production est.	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	30	40			

Disposition of Gas: Vented Sold Used on Lease (if vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 4394-4406'

Production Interval: Other (Specify) _____



HALLIBURTON ORIGINAL

DATE OF INVOICE: 08/05/1995

INVOICE

INVOICE NO.	DATE
415417	08/05/1995

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
		EDWARDS		KS	SOME
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
		HUBE DRILLING	CEMENT SURFACE CASING		08/05/1995
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
	JOHN I. ARNDTSPYER			COMPANY TRUCK	94290

DIRECT CORRESPONDENCE TO:

OLG PRODUCERS INC. OF KANSAS
 BOX 8547
 WICHITA, KS 67208

P.O. BOX 1543
 LIBERAL, KS 67905 0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
ACTING AREA - MID CONTINENT					
10-117	MILEAGE CEMENTING ROUND TRIP	54 MI		2.75	148.50
		1 UNT			
11-016	CEMENTING CASING	429 FT		1.40	600.60
		1 UNT			
12-103	TOP WOODEN PLUG	1 EA		95.00	95.00
14-116	CEMENT - 40/60 MIX STANDARD	290.85 YD		7.16	2,079.40
14-106	ANHYDROUS CALCIUM CHLORIDE	7 SK		31.75	219.25
10-207	BULK SERVICE CHARGE	304 CFT		1.35	410.40
11-105	MILEAGE ONTO MAT DEL OR RETURN	341.41 MI		1.95	665.74
INVOICE SUBTOTAL					5,921.89
DISCOUNT - (BID)					1,261.38
INVOICE BID AMOUNT					4,660.51
* KANSAS STATE SALES TAX					105.41
* GRANT COUNTY SALES TAX					21.52
GRAND TOTAL					4,787.44

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CONSERVATION DIVISION
 WICHITA, KS

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.



HALLIBURTON

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 535517

HALLIBURTON ENERGY SERVICES

CUSTOMER: OIL PRODUCERS OF KS. WELL: WIGHNER 2 DATE: 08-05-95 PAGE 2 OF 2

FORM 1911 R-10

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	WELL		DATE	PAGE	
		LOC	ACCT	DF		QTY.	U/M		QTY.	U/M
504-136		1			40/60 POZMIX W2% GEL	290	sk		7.16	2076.40
509-406	890.50812	1			CALCIUM CHLORIDE BLENDED 3%	7	sk		36.175	257.25
LOADED ON TRUCK #4413-SPLIT										
ORIGINAL										
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					SERVICE CHARGE					
500-207		1								
500-306		1			MILEAGE CHARGE	TOTAL WEIGHT	LOADED MILES	TON MILES		
					25,289		27	341.41	1.35	410.40
									95	324.34

No. B 281238

CONTINUATION TOTAL



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

MID PARTING 7
FRAT #3

BILLED ON TICKET NO. 835317

WELL DATA

FIELD _____ SEC. 14 TWP. 26S RNG. 16W COUNTY EDWARDS STATE KS

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 _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING		<u>28</u>	<u>8 7/8</u>	<u>0</u>	<u>429</u>	
LINER						
TUBING						
OPEN HOLE			<u>12 1/4</u>	<u>L.O.</u>	<u>429</u>	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-5</u>	DATE <u>8-5</u>	DATE <u>8-5</u>	DATE <u>8-5</u>
TIME <u>1500</u>	TIME <u>1700</u>	TIME <u>1740</u>	TIME <u>1915</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG	<u>1</u>	<u>H.G.S.</u>
HEAD	<u>1</u>	<u>H.G.S.</u>
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>M. ELYARD</u>	<u>110 38423</u>	<u>FRAT #3</u>
<u>F. NASH</u>	<u>COMB. 52504</u>	<u>FRAT #3</u>
<u>A. GIOCARRELLI</u>	<u>SULF. 4413</u>	<u>FRAT #3</u>

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
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
 BREAKER TYPE _____ GAL.-LB. _____ IN
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT NewCast
 DESCRIPTION OF JOB UNIT- 878 Sulf.
 JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.

CUSTOMER REPRESENTATIVE X John J. Ambrose
 HALLIBURTON OPERATOR M. Elyard COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>290</u>	<u>4010C</u>	<u>60 30</u>	<u>2% 60C</u>	<u>KANSAS RECEIVED CORPORATION COMMISSION</u>	<u>1.27</u>	<u>14.30</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
 BREAKDOWN _____ MAXIMUM _____
 AVERAGE _____ FRACTURE GRADIENT _____
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____
 HYDRAULIC HORSEPOWER _____
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 10 REASON REQUESTED

SUMMARY CONSERVATION DIVISION VOLUMES

PRESLUSH: BBL _____ TYPE _____
 LOAD & BKDN: BBL _____ PAD: BBL-GAL. _____
 TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. 26.15
 CEMENT SLURRY: BBL-GAL. 1.5.59
 TOTAL VOLUME: BBL-GAL. _____

REMARKS

CUSTOMER: ALL PROD OF 35. INC. LEASE WELL NO. 2 JOB TYPE CONSERVATION DATE 8-5-95



JOB LOG HAL-2013-C

DATE: 8-5-95
 PAGE NO.: 1
 TICKET NO.: 835317

CUSTOMER: *312 Perm. A.P. Co.* WELL NO.: *2* LEASE: *Wichita* JOB TYPE: *Service*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500							<i>CALLED OUT</i>
	1700							<i>IN LOCATION RIG ON JOB w/ESG. HOOK UP TO CIRC. SET UP EQUIP.</i>
	1740	<i>5 1/2</i>	<i>2</i>				<i>200</i>	<i>MIX CONT. ORIGINAL</i>
	1754		<i>115.59</i>					<i>FINISHED MIX</i>
	1759	<i>6</i>	<i>0</i>				<i>150</i>	<i>START IN RELEASE PUG. START DSI?</i>
	1805							<i>GOOD CONT RETURNS @ 10 P.D.S.</i>
			<i>26.15</i>					<i>PUG DOWN SHOT IN WASH UP RACK UP JOB Comp.</i>
	1915							

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 CONSERVATION DIVISION
 WICHITA, KS

CUSTOMER COPY



HALLIBURTON

REMIT TO:
P.O. BOX 911445
DALLAS, TX 75399-1046

INVOICE

INVOICE NO.	DATE
039928	08/11/1995

WELL LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
WIPER 2	EDWARDS	KS	SAME
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
4405	DURE DRILLING #7	CEMENT-PRODUCTION CASING	08/11/1995
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
039928	BRAD SIROKY		
		SHIPPED VIA	FILE NO.
		COMPANY TRUCK	94585

ORIGINAL

DIRECT CORRESPONDENCE TO:

OIL PRODUCERS INC. OF KANSAS
BOX 8647
WICHITA, KS 67208

P.O. BOX 1598
LIBERAL, KS 67905-0000

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
CEMENTING AREA - MID CONTINENT					
000-117	MILEAGE CEMENTING ROUND TRIP	58 MI		2.75	159.50
		1 UNT			
001-016	CEMENTING CASING	4445 FT		1,670.00	1,670.00
		1 UNT			
018-117	SUPER FLUSH	12 SK		100.00	1,200.00
14-163	CLAYFIX 11	2 GAL		28.00	56.00
12A	GUIDE SHOE - 4 1/2" STD THD.	1 EA		95.00	95.00
325.201					
00	CENTRALIZER 4-1/2 X 7-7/8	6 EA		50.00	300.00
306.60004					
094	4 1/2" LATCH DOWN BAFFLE	1 EA		100.00	100.00
301.03734					
093	3-WIPER L-D PLUG - 4 1/2"	1 EA		159.00	159.00
301.0373					
004-308	CEMENT - STANDARD	6,150 LB		3.86	1,129.00
004-130	CEMENT - 50/50 POZZEX STANDARD	30 SK		6.75	2,37.50
000-968	SALT	1200 LB		1.5	180.00
007-775	HALLAD-372	106 LB		7.00	747.00
006-127	CAL SEAL 50	2 SK		75.50	151.50
008-291	GILSONITE BULK	725 LB		1.40	290.00
006-131	HALLIBURTON-GEI 7%	100 LB		1.00	N/C
000-207	BULK SERVICE CHARGE	311 CFT		1.35	325.35
000-306	MILEAGE CHRG MAT DEL OR RETURN	301.675		.55	296.53

INVOICE SUBTOTAL

DISCOUNT-(9.00)

INVOICE BID AMOUNT

* KANSAS STATE SALES TAX

* WAYS CITY SALES TAX

INVOICE TOTAL - PLEASE PAY THIS AMOUNT

2,411.18

2,371.56-

5,039.62

198.14

14.20

5,205.96

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CONSERVATION DIVISION
WICHITA, KS

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HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO:

OIL PRODUCERS OF KANSAS

ADDRESS

CITY, STATE, ZIP CODE

WICHITA KS

No.

839928 - 1

PAGE 1 OF 2

SERVICE LOCATIONS 1. 11425 KS	WELL/PROJECT NO. 2	LEASE WICHITA	COUNTY/PARISH SHERBURG	STATE KS	CITY/OFFSHORE LOCATION	DATE 8-11-95	OWNER OPI
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR DOE BROOKS	RIG NAME/NO. RCO # 2	SHIPPED VIA 38374	DELIVERED TO WICHITA	ORDER NO.
3.	WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO. KS 1214250000	WELL LOCATION 11 - 262 - 167		
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
000-117		1			MILEAGE	518				2.75	1424.50
001-716		1			PUMP SERVICE	4445		0.10		16.10	71563.50
012-217		1			SUPERFLUX	12				100.00	1200.00
211-103		1			CLAMP II	2				28.50	57.00
124	225.201	1			GUIDE SHOE	1		4 1/2"		95.00	95.00
40	206.60071	1			CENTRALIZERS - 24 (H)	6		4 1/2"		50.00	300.00
244	201.0374	1			LATCH DOWN RAFFER	1		4 1/2"		100.00	100.00
243	201.0373	1			2nd LATCH DOWN PLUG	1		4 1/2"		159.00	159.00

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CONSERVATION DIVISION
WICHITA, KS

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: 8-11-95
TIME SIGNED: 0300
30 A.M.
 P.M.

do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

TYPE LOCK	DEPTH	
BEAN SIZE	SPACERS	
TYPE OF EQUALIZING SUB.	CASING PRESSURE	
TUBING SIZE	TUBING PRESSURE	WELL DEPTH
TREE CONNECTION	TYPE VALVE	

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	

PAGE TOTAL: 3034

FROM CONTINUATION PAGE(S): 3071

SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE: 1411

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) Bill Smith	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X [Signature]	HALLIBURTON OPERATOR/ENGINEER W. J. [Signature]	EMP # 24377	HALLIBURTON APPROVAL
---	---	--	----------------	----------------------

516-3134-612-3410



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO:
OIL PRODUCERS OF KANSAS
 ADDRESS:
 CITY, STATE, ZIP CODE:
WICHITA, KS

ORIGINAL

TICKET

No.

839928 - 1

PAGE 1 OF 2

1. SERVICE LOCATIONS HAYS, KS	WELL/PROJECT NO. 2	LEASE WZCHSER	COUNTY/PARISH EDWARDS	STATE KS	CITY/OFFSHORE LOCATION	DATE 8-11-95	OWNER SAME
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR DUKE DRILLING	RIG NAME/NO. REG # 2	SHIPPED VIA 51374	DELIVERED TO LOCOTZON	ORDER NO.	
3. WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 035	WELL PERMIT NO. 15047214860000	WELL LOCATION 14 - 265 - 16W			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY. - U/M		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
000-117		1			MILEAGE	58	ME	2.75		159.50
001-016		1			PUMP SERVICE	4445	FT	1670.00		1670.00
018-317		1			SUPERFLUSH	12	SKS	100.00		1200.00
314-163		1			CLAYEX II	2	GA	28.00		56.00
12A	825.201	1			GUIDE SHOE	1	EA	95.00	4 1/2"	95.00
40	806.60004	1			CENTRALIZERS - 54 (H)	6	EA	50.00	4 1/2"	300.00
594	801.03734	1			LATCH DOWN BAFFLE	1	EA	100.00	4 1/2"	100.00
593	801.0373	1			3W LATCH DOWN PLUG	1	EA	159.00	4 1/2"	159.00

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 WICHITA, KS

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions. MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS	SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN <input type="checkbox"/> PULLED <input type="checkbox"/> RUN		SURVEY			AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	3739.50
	TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					FROM CONTINUATION PAGE(S)	3671.68	
	BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?							
	TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?							
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?							
DATE SIGNED 8-11-95	TIME SIGNED 0300	<input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.	TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO		SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE		7411.18	
<input type="checkbox"/> do <input type="checkbox"/> do not require IPC (Instrument Protection). <input type="checkbox"/> Not offered			<input checked="" type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND							

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) BRAD SIOCK	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X [Signature]	HALLIBURTON OPERATOR/ENGINEER WAYNE E WILSON	EMP # 89377	HALLIBURTON APPROVAL
--	--	--	-----------------------	----------------------



WELL DATA

FIELD _____ SEC. 14 TWP. 26s RING. 16w COUNTY. EDWARDS STATE KS

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 _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	u	10.5	4 1/2	KB	4445	
LINER						
TUBING						
OPEN HOLE			7 7/8	4445	4446	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>8-10</u>	DATE <u>8-11</u>	DATE <u>8-11</u>	DATE <u>8-11</u>
TIME <u>2145</u>	TIME <u>0200</u>	TIME <u>0600</u>	TIME <u>0900</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>W. WILSON</u>	<u>89377</u> <u>PIEX-UP</u> <u>39604</u>	<u>HAYS, KS</u>
<u>R. BEREIS</u>	<u>57220</u> <u>51374.4</u> <u>BOX</u>	<u>"</u>
<u>T. PHANSTEEL</u>	<u>4444-5070</u> <u>11682</u>	<u>"</u>
	<u>ORIGINAL</u>	

DEPARTMENT CEMENT
DESCRIPTION OF JOB 4 1/2" LONGSTREDS

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

CUSTOMER REPRESENTATIVE X BRAD SZOKY

HALLIBURTON OPERATOR Wayne Wil COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>50'</u>	<u>50/50</u>	<u>EA-2</u>	<u>B</u>	<u>B</u>	<u>2% CEL (SEALER) - PATCHOLE - MOUSEHOLE</u>	<u>1.26</u>	<u>14.15</u>
<u>150'</u>	<u>EA-2</u>	<u>EA-2</u>	<u>B</u>	<u>B</u>	<u>5% CALSEAL, 12% SALT, 75% HALAD-322</u> <u>5# GELSONITE P/SK</u>	<u>1.41</u>	<u>15.2</u>

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
HYDRAULIC HORSEPOWER _____
ORDERED _____ AVAILABLE _____ USED _____
TREATING _____ DISPL. _____ OVER _____
CEMENT LEFT IN PIPE _____
FEET 13' REASON LATCH DOWN

SUMMARY

VOLUMES 20 - 12 TYPE CLAYFEX/SUPERFLH
LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
TREATMENT: BBL.-GAL. _____ DISPL. 71
CEMENT SLURRY 11.3 - 36.3 = 47.5
TOTAL VOLUME: BBL.-GAL. _____

REMARKS

SEE CHART - JOB LOG
THANK YOU

CUSTOMER: OIL PRODUCERS OF KS. LEASE: WITCHASER. WELL NO.: 2. JOB TYPE: 4 1/2" LONGSTREDS. DATE: 8-11-95

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 7 9 1995
CONSERVATION DIVISION
WICHITA, KS

JOB LOG HAL-2013-C

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
OIL PRODUCER ⁰⁰ KS		2		WICHSEK		4 1/2" LONGSTRAK		839928	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESSURE(PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
	2145	8-10							CALLED OUT
	0200								ON LOCATION - DISCUSS JOB PROCEDURE
	0545								BREAK CIRCULATION
1	0600	6	20		✓		300		PUMP CUMFLEX PREFLUSH
	0604	6	12		✓		300		PUMP SUPERFLUSH ORIGINAL
	0615		5.5						15 SX PLUG RATHOLE - 10 SX MOUSEHOLE
	0621	5 1/2	42		✓		250		MAX CEMENT
	0633								WASH OUT PUMP - LEDES
	0634								RELEASE PLUG
	0635	7	0		✓				DISPLACE PLUG
	0648		71				1500		PLUG DOWN
	0649						1500		RELEASE PSI - PLUG HELD
									WASH-UP
									RACK-UP - WAIT TO GET PLUG CONTAINER
	0900								JOB COMPLETE
									THANK YOU
									WAYNE ROY
									TOM
									PUMP TIME - 45 MIN

RECEIVED
 KANSAS CORPORATION COMMISSION
 DEC 19 1995
 CONSERVATION DIVISION
 WICHITA, KS