

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

Operator: License # 8061

Name: OIL PRODUCERS, INC. OF KANSAS

Address P.O. BOX 8647

City/State/Zip WICHITA, KANSAS 67208

Purchaser: UTLICORP

Operator Contact Person: DIANA RICHECKY

Phone (316) 681-0231

Contractor: Name: DUKE DRILLING CO., INC.

License: 5929

Wellsite Geologist: WILLIAM SHEPHERD

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

11/12/95 _____ 11/16/95 _____ 01/11/96 _____
Spud Date _____ Date Reached TD _____ Completion Date _____

SIDE ONE

API NO. 15- 185-23,001-0000 ORIGINAL

County Stafford

 - C - NW - NE Sec. 35 Twp. 24 Rge. 11 X W

4615 Feet from N (circle one) Line of Section

1985 Feet from W (circle one) Line of Section

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

Lease Name THOMPSON Well # 1

Field Name ZENITH PEACE CREEK EXT.

Producing Formation MISSISSIPPI

Elevation: Ground 1779 KB 1787

Total Depth 3829' PBTB 3788

Amount of Surface Pipe Set and Cemented at 262

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 ALT 1 274 1-9-97
(Data must be collected from the Reserve Pit)

Chloride content 9800 ppm Fluid volume 700 bbls

Dewatering method used: Evaporation and allow to dry restore area to near normal

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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

Title President Date 7/13/96

Subscribed and sworn to before me this 13th of July 1996.

Notary Public [Signature]

Date Commission Expires Jan 12, 2000

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	SWD/Rep
<input type="checkbox"/>	KGS	Plug
<input type="checkbox"/>		NGPA
<input type="checkbox"/>		Other (Specify)

Form ACO-1 (7-91)



RECEIVED
KANSAS CORPORATION COMMISSION

JUL 16 1996

CONSERVATION DIVISION
WICHITA, KS

SIDE TWO

Operator Name Oil Producers, Inc. of Kansas Lease Name THOMPSON Well # 1

Sec. 35 Twp. 24S Rge. 11 East County STAFFORD

West

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: GEOLOGICAL LOG, GAMMA-RAY NEUTRON |
COLLAR LOG, CORRELATION CEMENT
BOND LOG, GAMMA-RAY NEUTRON
COLLAR LOG

Name	Formation (Top), Depth and Datums	
	Top	Datum
Heebner	3219'	-1432
Brown Lime	3380'	-1593
Lansing - KC	3401'	-1614
Mississippi	3729'	-1942
RTD	3829'	-2042

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	262	60 40 POZ	175	2% GEL 3% CC
PRODUCTION	7 7/8"	4 1/2"	10.5	3828	50/50 POZ	35	18% SALT
					EA2	100	

CAL SEAL 60 5%
HALAD-322 3/4%

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
	SEE ATTACHED SHEET	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3762.45		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SWD or Inj.	Producing Method					
Estimated Production	Oil	Bbls.	Gas	Mcf	Flowing Water	Pumping Gas Lift Other (Explain)
5/31/96			85		12	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled SEE ATTACHED
 Other (Specify) _____

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JUL 16 1996

CONSERVATION DIVISION
WICHITA, KS

ATTACHMENT TO THOMPSON #1 ACO-1

PERFORATION RECORD

1 SHOT/FT. 3716-22'
2 SHOT/FT. 3726-31'
1 SHOT/FT. 3735-37'
1 SHOT/FT. 3739-41'
1 SHOT/FT 3743-45'

15-185-23001

ORIGINAL

ACID:
3716-45' WITH
1,000 GALLONS 15% DSFE W 35 BALL SEALERS

FRAC:
3716-45' WITH
54,700 GALLONS 35# BORAGEL & 87,500 # SAND

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KANSAS CORPORATION COMMISSION

JUL 16 1996

CONSERVATION DIVISION
WICHITA, KS

ORIGINAL

DST REPORT

GENERAL INFORMATION

DATE : 11/16/95
 CUSTOMER : OIL PRODUCES INC OF KS
 WELL : #1 TEST: 1
 ELEVATION: 1787 KB
 SECTION : 35
 RANGE : 11W COUNTY: STAFFORD
 GAUGE SN#: 13629 RANGE : 4425

TICKET : 22157
 LEASE : THOMPSON
 GEOLOGIST: WEIR
 FORMATION: MISSISSIPPI
 TOWNSHIP : 24S
 STATE : KS
 CLOCK : 12

15-185-23001

WELL INFORMATION

PERFORATION INTERVAL FROM: 3730.00 ft TO: 3756.00 ft TVD: 3756.0 ft
 DEPTH OF SELECTIVE ZONE: TEST TYPE: GAS
 DEPTH OF RECORDERS: 3733.0 ft 3753.0 ft
 TEMPERATURE: 121.0

DRILL COLLAR LENGTH:	0.0 ft	I.D.:	0.000 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	3710.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	26.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5XH
PACKER DEPTH:	3725.0 ft	SIZE:	6.750 in
PACKER DEPTH:	3730.0 ft	SIZE:	6.750 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. : DUKE DRLG RIG 2
 MUD TYPE : CHEMICAL
 WEIGHT : 9.300 ppg
 CHLORIDES : 6000 ppm
 JARS-MAKE :
 DID WELL FLOW?: NO

VISCOSITY : 47.00 cp
 WATER LOSS: 12.000 cc
 SERIAL NUMBER:
 REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW-BOTTOM OF BUCKET
 IN 1 MINUTE. FINAL FLOW PERIOD STRONG BLOW -
 BOTTOM OF BUCKET IMMEDIATELY. GAS TO SURFACE IN

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

1 MINUTE. SEE GAS SHEET FOR MEASUREMENTS.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
35.0	0.0	0.0	0.0	100.0	DRILLING MUD W/OIL SPECKS

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	60.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	0.4909 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	0.4909 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1820.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	26.00	26.00
INITIAL SHUT-IN	30.00		1300.00
FINAL FLOW	30.00	32.00	34.00
FINAL SHUT-IN	45.00		1286.00

FINAL HYDROSTATIC PRESSURE: 1794.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1838.00

<u>Description</u>	<u>Duration</u>	<u>p1</u>	<u>p End</u>
INITIAL FLOW	30.00	96.00	38.00
INITIAL SHUT-IN	36.00		1319.00
FINAL FLOW	30.00	92.00	39.00
FINAL SHUT-IN	51.00		1321.00
FINAL HYDROSTATIC PRESSURE:	1800.00		

GAS FLOW REPORT

GENERAL INFORMATION

DATE : 11/16/95	TICKET : 22157
CUSTOMER : OIL PRODUCES INC OF KS	LEASE : THOMPSON
WELL : #1 TEST: 1	GEOLOGIST: WEIR
ELEVATION: 1787 KB	FORMATION: MISSISSIPPI
SECTION : 35	TOWNSHIP : 24S
RANGE : 11W COUNTY: STAFFORD	STATE : KS
GAUGE SN#: 13629 RANGE : 4425	CLOCK : 12

PRE FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
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SECOND FLOW

Time Guage (min)	Tester Type	Orifice Size	Pressure	Flow Desc.
10 MIN	MERLA	0.380	25" WATER	17400 SCF/D
20 MIN	MERLA	0.380	7" WATER	9450 SCF/D
30 MIN	MERLA	0.380	7" WATER	9450 SCF/D

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

DATE	: 11/16/95	TICKET	: 22157
CUSTOMER	: OIL PRODUCES INC OF KS	LEASE	: THOMPSON
WELL	: #1	TEST:	1
ELEVATION:	1787 KB	GEOLOGIST:	WEIR
SECTION	: 35	FORMATION:	MISSISSIPPI
RANGE	: 11W	COUNTY:	STAFFORD
Gauge SN#:	13629	RANGE	: 4425
		STATE	: KS
		CLOCK	: 12

INITIAL FLOW

Time (min)	Pressure	Delta P
0.00	96.00	96.00
5.00	70.00	-26.00
10.00	56.00	-14.00
15.00	47.00	-9.00
20.00	41.00	-6.00
25.00	39.00	-2.00
30.00	38.00	-1.00

INITIAL SHUT IN

Time (min)	Pressure	Delta P	Horner T
3.00	179.00	179.00	11.00
6.00	425.00	246.00	6.00
9.00	727.00	302.00	4.33
12.00	948.00	221.00	3.50
15.00	1099.00	151.00	3.00
18.00	1183.00	84.00	2.67
21.00	1232.00	49.00	2.43
24.00	1263.00	31.00	2.25
27.00	1281.00	18.00	2.11
30.00	1299.00	18.00	2.00
33.00	1310.00	11.00	1.91
36.00	1319.00	9.00	1.83

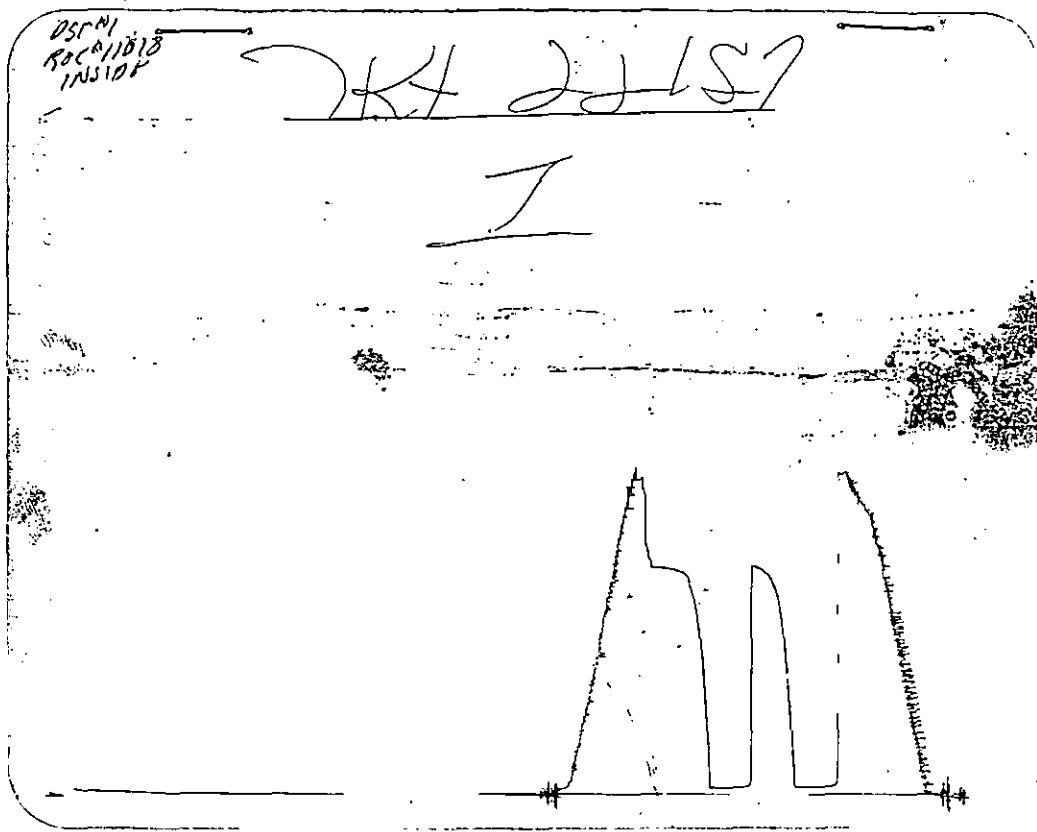
PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL FLOW

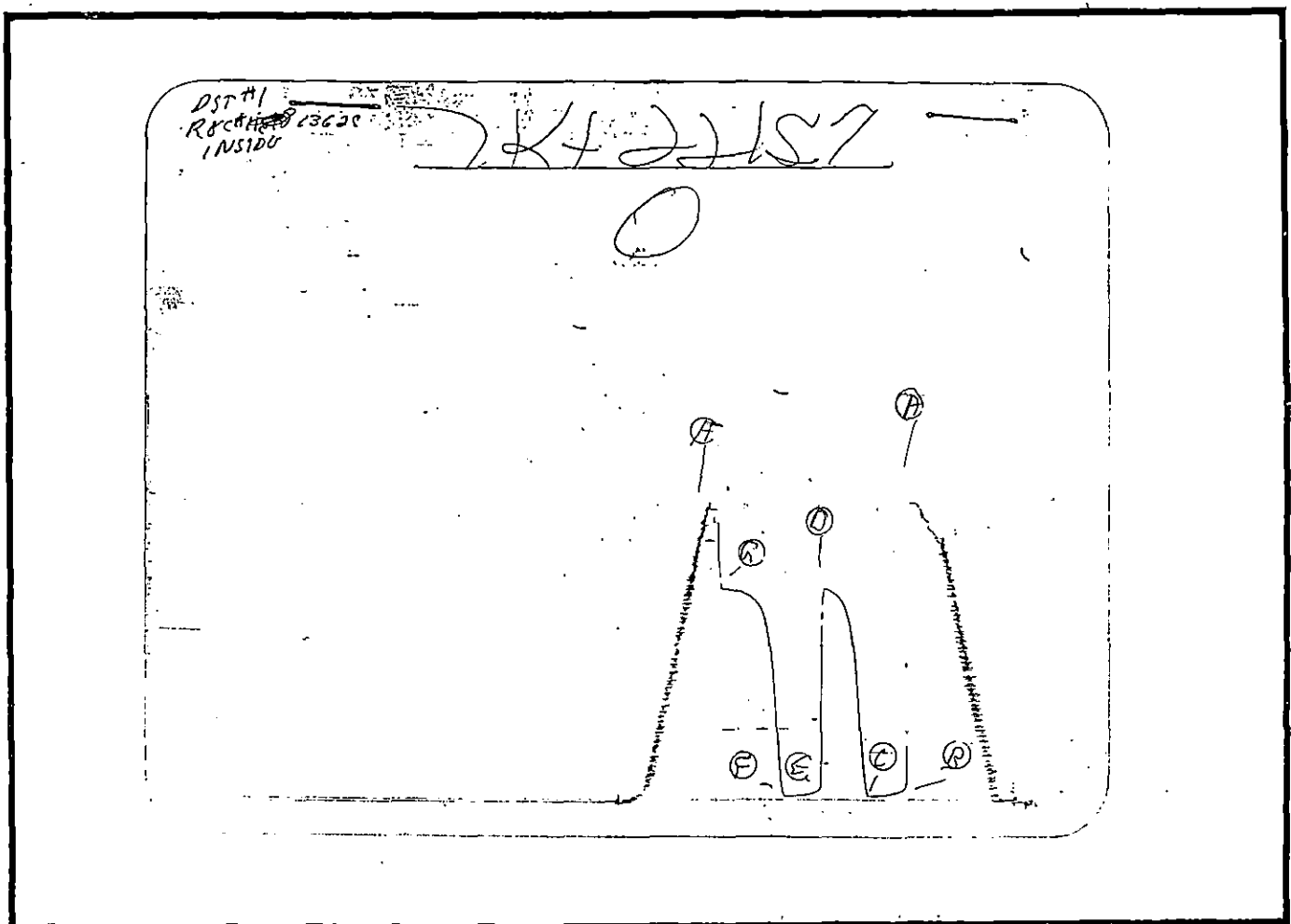
Time (min)	Pressure	Delta P
0.00	92.00	92.00
5.00	62.00	-30.00
10.00	51.00	-11.00
15.00	44.00	-7.00
20.00	40.00	-4.00
25.00	39.00	-1.00
30.00	39.00	0.00

FINAL SHUT IN

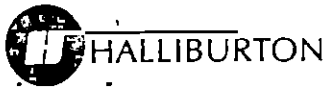
Time (min)	Pressure	Delta P	Horner T
3.00	165.00	165.00	11.00
6.00	481.00	316.00	6.00
9.00	766.00	285.00	4.33
12.00	963.00**	197.00	3.50
15.00	1098.00	135.00	3.00
18.00	1182.00	84.00	2.67
21.00	1222.00	40.00	2.43
24.00	1244.00	22.00	2.25
27.00	1263.00	19.00	2.11
30.00	1281.00	18.00	2.00
33.00	1290.00	9.00	1.91
36.00	1300.00	10.00	1.83
39.00	1306.00	6.00	1.77
42.00	1312.00	6.00	1.71
45.00	1316.00	4.00	1.67
48.00	1318.00	2.00	1.63
51.00	1321.00	3.00	1.59



Inside Recorder



Outside Recorder



JOB SUMMARY

HALLIBURTON DIVISION
 HALLIBURTON LOCATION PLANT

15-185-23001-0000

BILLED ON 11-12-95
 TICKET NO. 11-12-95

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RNG. _____ COUNTY _____ 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		2.5	8 1/2	2	212	1000
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

ORIGINAL

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-12-95</u> TIME <u>10:30</u>	DATE <u>11-12-95</u> TIME <u>1300</u>	DATE <u>11-12-95</u> TIME <u>1400</u>	DATE <u>11-12-95</u> TIME <u>1530</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Rud Dotal</u>	<u>80000</u> <u>PICKUP</u>	<u>Relief</u> <u>KS</u>
<u>Clud Nixon</u>	<u>H</u> <u>Sub</u> <u>Production</u>	<u>"</u> <u>"</u>
<u>Bobby Danks</u>	<u>H</u> <u>4415</u> <u>ROCKTRK</u>	<u>"</u> <u>"</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 _____
 DESCRIPTION OF JOB _____

 JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN
 CUSTOMER REPRESENTATIVE **X** _____
 HALLIBURTON OPERATOR _____ COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>200</u>	<u>10/60 P22</u>	<u>Huaco</u>	<u>0</u>	<u>2000, 3700</u> <u>WANDA COMP. 10% 10% 10%</u>	<u>1.35</u>	<u>134</u>

1111 16 1995

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 Test Pushin

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____
 LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 TREATMENT: BBL.-GAL. _____ DISPL. BBL.-GAL. 15.5
 CEMENT SLURRY: BBL.-GAL. 47500
 TOTAL VOLUME: BBL.-GAL. _____

REMARKS

See Job Log

CUSTOMER _____
 LEASE _____
 WELL NO. _____
 JOB TYPE _____
 DATE _____

REMIT TO:

15-185-23001-0000



HALLIBURTON

INVOICE NO.	DATE
40471	

WELL LEASE NO./PROJECT		WELL/PROJECT LOCATION		STATE	OWNER
40471		S. A. A. F. O. D.		KS	STATE
SERVICE LOCATION		CONTRACTOR	JOB PURPOSE		TICKET DATE
40471		W. P. O. D. E. L. I. N. G. C. O.	CEMENT PRODUCTION CASING		11/19/66
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER	SHIPPED VIA	FILE NO.
				THOMPSON	

DIRECT CORRESPONDENCE TO:

ONE PRODUCERS INC. OF KANSAS
 BOX 1000
 WICHITA KS 67201

P O BOX 478
 HAYS KS 67601
 913-625-2431

ORIGINAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
	CIRCUIT AREA - NEW EQUIPMENT				
000-117	MATERIAL CONVENTION 90000 LBS	60	MT	2.85	171.00
		1	UNT		
001-016	CEMENT CASING	1828	FT	1,570.00	1,570.00
		1	UNT		
018-312	SUPER FLOOR	12	SP	100.00	1,200.00
014-163	CLASSIFIED	12	BALE	20.00	240.00
120	GUIDE TUBE - 4 1/2" BPO 3RD	1	EA	15.00	15.00
025-101					
	TYPE TYPE 4-1/2" X 7-7/8"	1	EA	45.00	45.00
010-3		1	EA	15.00	15.00
	1 1/2" LATCH DOWN BARREL	1	EA	100.00	100.00
031-04714					
017-112	CASING	1	EA	15.00	15.00
017-112	CASING	1	EA	15.00	15.00
500-201	CEMENT CASING	500	EA	2.00	1,000.00
014-112	CEMENT CASING	5	EA	5.00	25.00
500-114	CEMENT CASING	100	EA	15.00	1,500.00
014-114	CEMENT CASING	71	EA	1.00	71.00
014-114	CEMENT CASING - 50250 TO 51111 STATION	3	SP	6.25	18.75
500-114	CEMENT CASING	16	EA	1.00	16.00
014-114	CEMENT CASING	1	EA	1.00	1.00
					6,441.00
					2,131.00
					1,811.00
					123.00
					25.00
					82,800.00

THOMPSON-1
 OPS ->
 CEMENT CASING

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

HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO
OIL PRODUCERS INC. OF KANSAS

ADDRESS

CITY, STATE, ZIP CODE

DUNCAN COPY

15-185-23001-0006

TICKET

No.

906715-7

PAGE 1 OF 2

1. SERVICE LOCATIONS KRAIL, #2 2455	WELL/PROJECT NO. #1	LEASE THOMPSON	COUNTY/PARISH STAFFORD	STATE KS.	CITY/OFFSHORE LOCATION	DATE 11-17-95	OWNER SHWIG
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE	NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CONTRACTOR DUKE DRILLING	RIG NAME/NO. #2	SHIPPED VIA C.T.	DELIVERED TO WELL SITE	ORDER NO.	
3. WELL TYPE 01	WELL CATEGORY 01	JOB PURPOSE 035 UNIT PROD CSG.	WELL PERMIT NO.	WELL LOCATION LHWD 35-245-11W			
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS APT # 15-185-230010000						

PRICE REFERENCE	SECONDARY REFERENCE/PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		U/M	U/M		
000-117		1			MILEAGE 1 UNIT R.T.	60	miles	2.85	171.00
001-016		1			PUMP CHARGE	8	hrs	1570.00	1570.00
018-317		1			SUPERFLUSH	12	SKS	100.00	1200.00
314-163		1			CLAYFIX II	2	gal	28.00	56.00
124	825.201	1			GUIDE SHOE	1	CR.	95.00	95.00
40	806.60004	1			CENTRALIZERS	4	CR.	45.00	180.00
593	801.0373	1			3-W LATCH DOWN PLUG	1	CR.	159.00	159.00
594	801.03734	1			LATCH-DOWN BHEFL	1	CR.	100.00	100.00
507-918		1			GASSTOP	24	lbs.	33.55	805.20

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

X *[Signature]*

DATE SIGNED: **11-16-95** TIME SIGNED: **23:55**

do do not require IPC (Instrument Protection). Not offered

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 4336.20
TYPE LOCK	DEPTH	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					
BEAN SIZE	SPACERS	WE UNDERSTOOD AND MET YOUR NEEDS?					FROM CONTINUATION PAGE(S) 2512.25
TYPE OF EQUALIZING SUB.	CASING PRESSURE	OUR SERVICE WAS PERFORMED WITHOUT DELAY?					SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE 6848.45
TUBING SIZE	TUBING PRESSURE	WELL DEPTH	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
TREE CONNECTION	TYPE VALVE	ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO					
		<input 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) T. BRAD SIMPKY	CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) <i>[Signature]</i>	HALLIBURTON OPERATOR/ENGINEER KEVIN P. GORDON C8500	EMP #	HALLIBURTON APPROVAL <i>[Signature]</i>
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JOB LOG HAL-2013-C

CUSTOMER OIL PROD. INC. OF KS. WELL NO. #1 LEASE THOMPSON JOB TYPE CONT. PROD. CSG. TICKET NO. 906715

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1930							PHLETT OUT ORIGINAL
	2200							ON LOCATION RUN 109 JTS 4 1/2 CSG. - 3841' SHOE JOINT - 32.56' TD - 3829' SET 4 1/2 WT 3828' CENTRALIZED - 1, 3, 5, 7 COLLARS CASING ON BOTTOM - BREAK CIRC. WITH MUD PUMP HOOK UP HOWEY TO CASING
	0220	7	20	-		200		PUMP 20 BBL CLAYEX H ₂ O
	0225	7	32	-		200		PUMP 12 BBL SUPER FLUSH SHUT DOWN PLUG BHT HOLE W/ 15 SHL LEAD CMT. HOOK UP TO CASING
			3.5					
	0230	6	0	-		150		START MIX LEAD CMT
		6	4.5	-		150		FINISH MIX LEAD CMT
		6	4.5	-		150		START MIX THEL CMT MIX 24 LBS. GHS STOP IN LAST 50 SIGS THEL CMT
	0235	6	28	-		150		FINISH MIX THEL CMT. SHUT DOWN WASH OUT LINES & RELEASE PLUG
	0237	8	0	-		150		START DISP.
		7 1/2	43	-		300		LEFTING CMT
	0245	4	60.5	-		1000		PLUG DOWN RELEASE PSI - PLUG HOLD WASH UP DRILL UP
446								RECEIVED KANSAS CORPORATION COMMISSION JUL 16 1996 CONSERVATION DIVISION WICHITA, KS JOB COMPLETE THANKS KENNY CERRIC MARK



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

15-185-23001-0000
BILLED ON TICKET NO.

15-185-23001-0000

CUSTOMER: 026 PERMITS INC OF KS LEASE: Thomasland WELL NO: 11-17-55 JOB TYPE: CMT. HEAD CASE.

WELL DATA

FIELD _____ SEC. 25 TWP. 24S RNG. 11W COUNTY STAFFORD 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		10.5	4 1/2	0	2928	
LINER						
TUBING						
OPEN HOLE				3628	3829	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE	1	Howco
CENTRALIZERS	4	Howco
BOTTOM PLUG		
TOP PLUG	3W LATCH DOWN	Howco
HEAD LATCH-DOWN BRIFLE	1	Howco
PACKER		
OTHER	1	Howco

CALLLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11-16 TIME 1930	DATE 11-16 TIME 2200	DATE 11-17 TIME 0200	DATE 11-17 TIME 0400

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
K. GORDLEY C 8504	40033 P.H.	PLANT #
C. BARKER C 9447	51936 JUMP TRK	"
M. STEVENS H 3135	3046-7488 BULL TRK	"

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____

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. _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER 2 GAL MUMFLEX II FOR 2000L FLUSH

DEPARTMENT PERMIT

DESCRIPTION OF JOB _____

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

CUSTOMER REPRESENTATIVE X

HALLIBURTON OPERATOR K. GORDLEY

COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	35	50-50 P02	B	B	3% GEL	1.28	13.75
	100	EA-2	B	B	5% CMC-SH, 5% CMC-W, 12% SALT, 75% H-322	1.39	15.4

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 32.56 REASON LATCH-DOWN BRIFLE

SUMMARY

PRESLUSH BBL.-GAL. 20 TYPE CH4FX FLUSH

LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____

TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. 60.5

CEMENT SLURRY BBL.-GAL. 8 + 24.7 = 32.7

TOTAL VOLUME: BBL.-GAL. _____

VOLUMES

REMARKS PLANT TIME = 25 MIN

1550 50-50 P02 FOR 100 FT HOLE