

ORIGINAL

15-199-20184-0000

SIDE ONE

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

Operator: License # 6417
Name UNION PACIFIC RESOURCES COMPANY
Address P.O. BOX 7-MS 3407
City/State/Zip Ft. Worth, Texas 76101-0007

Purchaser:
Operator Contact Person: JOY L. PROHASKA
Phone (817) 877-7956

Contractor: Name: EXETER DRILLING
License:
Wellsite Geologist:

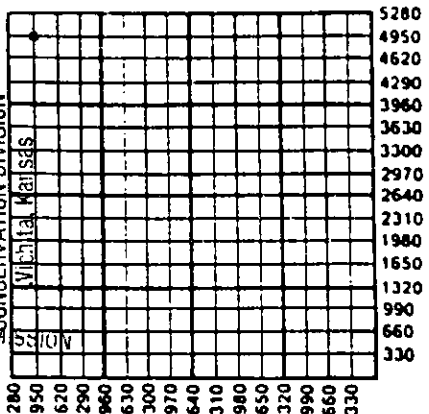
Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWM: old well info as follows:
Operator:
Well Name:
Comp. Date Old Total Depth

Drilling Method:
 Mud Rotary Air Rotary Cable
12-27-89 01-05-90 D & A
Spud Date Date Reached TD Completion Date

API NO. 15- 199-20,184
County Wallace
NW NW Sec. 31 Twp. 13S Rge. 42 East West
4950' Ft. North from Southeast Corner of Section
5000' Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name Eagle-Margaret Well # #1 (11-31)
Field Name Wildcat
Producing Formation Did not produce
Elevation: Ground 3880' KB
Total Depth 5370' PBD Surf

RECEIVED
STATE CORPORATION COMMISSION
FEB 14 1990



5280
4950
4620
4290
3960
3630
3300
2970
2640
2310
1980
1650
1320
990
660
330
N
PRT I
8-06-90

AUG 7 1990
Amount of Surface Pipe Set and Cemented at 617 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.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Joy L. Prohaska / JOY L. PROHASKA
Title REGULATORY ANALYST Date 02-06-90

Subscribed and sworn to before me this 12 day of February
19 90.
Notary Public Sharon L Cunningham

Date Commission Expires May 23, 1993
SHARON L CUNNINGHAM
Notary Public
STATE OF TEXAS
My Comm. Exp. May 23, 1993

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

SIDE TWO

Operator Name UNION PACIFIC RESOURCES COMPANY Lease Name EAGLE-MARGARET Well # 1(11-31)
 Sec. 31 Twp. 13S Rge. East West
 County Wallace

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.)
 DIL-SP-GR, BHC-SONIC, LDT-CNL-GR

Formation Description		
	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
Name	Top	Bottom
Codell	856	
Dakota SS	1295	
Stone Corral	2692	
Shawnee	3870	
Lansing-Kansas City	4169	
Atoka	4883	
Morrow	5042	
Spergen	5404	

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
Surf csg	12-1/4"	8-5/8"	23#	617'	65:35:6	260	3% CaCl 2
					A	75	1/4#/sxFloccule same additives

PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
	Did Not Perforate	N/A	

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

Date of First Production	Producing Method <input type="checkbox"/> Flowing <input 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

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

METHOD OF COMPLETION: Open Hole Perforation Dually Completed Commingled Other (Specify) Drilled & Abandoned

Production Interval: _____

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

15-199-20184-00-00

ORIGINAL

ATTACH TO INVOICE & TICKET NO. 5K 125

DISTRICT Liberal

DATE 1-6-90

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

WELL NO. 11-31 LEASE "1 Eagle Margerite SEC. 31 TWP. 14 RANGE 42

FIELD A-1 COUNTY Wellbore STATE Ks OWNED BY U PRC

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

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I. Rows include CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING [] ANNULUS [] CASING [] TUBING/ANNULUS [] HYDRAULIC HORSEPOWER ORDERED []
PTA with 40/60 Por. Cement 6.0 gal 1/2" Florida gas fillers
25 sks at 2940', 100 sks at 2080', 40 sks at 120',
10 sks at 40', 15 sks in cathode, 10 sks in pressure hole

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

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED
a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th of the following month after date of invoice.
b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorneys fees, and costs of defense to the extent permitted by law for:
1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. Personal injury or death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material.
c) That 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 effectiveness of the products, supplies or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton.
d) That 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.
e) That Customer shall, at its risk and expense, be responsible 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 or the cost of repairs unless such damage is caused by the sole negligence of Halliburton.
f) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law.
g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
h) That 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.

RECEIVED FEB 14 1990 CONSERVATION DIVISION Wichita, Kansas

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

SIGNED _____ CUSTOMER

DATE _____

TIME _____ A.M. P.M.

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.

CUSTOMER

FIELD Prepache SEC. 31 TWP. 11 RNG. 12 COUNTY Wallace 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		24	8 5/8	KB	C16	
LINER						
TUBING						
OPEN HOLE			7 7/8	C16	5370	SHOTS/PT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>1-5</u>	DATE <u>1-6</u>	DATE <u>1-6</u>	DATE <u>1-6</u>
TIME <u>7:00</u>	TIME <u>0130</u>	TIME <u>0730</u>	TIME <u>1115</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG <u>Woods</u>	<u>1</u>	<u>Hawco</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
 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 _____

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Earl Painter 44300</u>	<u>33009</u>	<u>Lamar, Mo</u>
<u>Ruford Taylor D4033</u>	<u>0959</u>	<u>Lamar, Mo</u>
<u>Loren Webb 96385</u>	<u>1020-6607</u>	<u>Duncan, Ok</u>

DEPARTMENT CM7
 DESCRIPTION OF JOB PTA
 AUG 7 1990
 STATE CORPORATION COMMISSION
 Vichita, Kansas
 JOB DONE THRU: TUBING CASING ANNULUS TEG./ANN.
 CUSTOMER REPRESENTATIVE X O J Lopez
 HALLIBURTON OPERATOR J E Painter COPIES REQUESTED 1

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	MULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>25</u>	<u>Herc 10 1/2</u>	<u>ST1</u>	<u>SW</u>	<u>B</u>	<u>0% Col 1/4" 3/8" Flocite set at 2940'</u>	<u>1.66</u>	<u>13.5</u>
<u>2</u>	<u>100</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>" set at 2080'</u>	<u>"</u>	<u>"</u>
<u>3</u>	<u>40</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>" set at 620'</u>	<u>"</u>	<u>"</u>
<u>4</u>	<u>10</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>" set at 40'</u>	<u>"</u>	<u>"</u>
<u>OS</u>	<u>23</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>" set hole in mousehole</u>	<u>"</u>	<u>"</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESFLUSH: BBL.-GAL. _____ TYPE _____
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL.-GAL. _____ PAD: BBL.-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPL: BBL.-GAL. _____
 SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 59
HYDRAULIC HORSEPOWER
 ORDERED _____ AVAILABLE _____ USED _____
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET _____ REASON _____

REMARKS

RECEIVED
 STATE CORPORATION COMMISSION
 FEB 14 1990

CUSTOMER
 LEASE
 11-31
 DATE 1-6-90
 PTA

JOB LOG

WELL NO. 11 21 LEASE Lease 11 21 70

TICKET NO. 15-199-20124-95500

CU. MER UPRC

PAGE NO. 1

JOB TYPE PTA

ORIGINAL

DATE 7-6-90

FORM 2813 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2100							Called Out 1-5-90
	0130							On Location
	0200							requested on loc.
	0730	5	10	✓		500		Start water Ahead
	0732	5	7.4	✓		400		Start mixing 1 st plug 25 sks at 2940'
	0734	5	3	✓		400		Start water behind
	0735	5	37	✓		300		Start mud Displacement
	0747	5	-	✓		0		Plug down & balanced rig pull pipe
	0825	5	10	✓		500		Start water Ahead
	0830	5	29.6	✓		400		Start mixing 2 nd plug 100sks at 2050'
	0836	5	3	✓		400		Start water behind
	0837	5	18.9	✓		300		Start mud displacement
	0841	5	-	✓		0		Plugdown & balanced rig pull pipe
	0942	5	22	✓		100		Start water Ahead
	0947	5	11.8	✓		100		Start mixing 3 rd plug 40 sks at 670'
	0949	5	5	✓		50		Start water Displacement
	0950	5	8	✓		0		Plug down & balanced rig pull pipe
	1010							out of hole - Push wacker plug to 40' log down Kelly, mousehole & rat hole
	1100		2.9	✓				rig up to cement 10 sks at 40'
	1105		4.4	✓				15 sks in rat hole
	1110		2.9	✓				10 sks in wacker hole

RECEIVED
STATE CORPORATION COMMISSION
AUG 7 1990
CONSERVATION DIVISION
Wichita, Kansas

Thank you
C.H. Agostini

RECEIVED
STATE CORPORATION COMMISSION
FEB 14 1990
CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

15-199-20184-00-00

FORM 1808 R-4

A Division of Halliburton Company DUNCAN, OKLAHOMA 73528

ATTACH TO INVOICE & TICKET NO. 37077

DISTRICT LIBERTY

DATE 12-28

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: UAC (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 11-31 LEASE MAZDOR, etc 11-31 SEC. 31 TWP. 13 RANGE 42

FIELD _____ COUNTY Wallace STATE KS OWNED BY UAC

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____ 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

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I., SHOTS/FT. Rows include CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS.

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS ORIGINAL

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

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

As consideration, the above-named Customer agrees:

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- (a) To pay Halliburton, in accord with the rates and terms stated in Halliburton's current price lists. (b) 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... (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage... (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass... (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons... (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials... (g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well... (h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others... (i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials... (j) Invoices payable NET by the 20th of the following month after date of invoice... (k) This contract shall be governed by the law of the state where services are performed... (l) Halliburton shall not be bound by any changes or modifications in the contract...

STATE OF KANSAS CONSERVATION COMMISSION AUG 7 1990

RECEIVED STATE COURTS CONSERVATION DIVISION Wichita, Kansas

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT. SIGNED [Signature] DATE 12-28 CUSTOMER TIME 11:21 A.M. P.M.

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.

CUSTOMER

WELL DATA

FIELD _____ SEC. 31 TWP. D RNO. H2 COUNTY Wallace STATE KS

FORMATION NAME	TYPE	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
FORMATION THICKNESS	FROM TO	CASING	<u>N 25</u>	<u>7.5</u>	<u>4 D</u>	<u>1620</u>	
INITIAL PROD: OIL	BPD. WATER	BPD. GAS	MCFD	LINER			
PRESENT PROD: OIL	BPD. WATER	BPD. GAS	MCFD	TUBING			
COMPLETION DATE	MUD TYPE	MUD WT.	OPEN HOLE		<u>1620</u>		SHOTS/PT.
PACKER TYPE	SET AT	PERFORATIONS					
BOTTOM HOLE TEMP.	PRESSURE	PERFORATIONS					
MISC. DATA	TOTAL DEPTH	PERFORATIONS					

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE <u>M</u>	<u>15</u>	
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG	<u>1</u>	
HEAD		
PACKER <u>Baffle</u>	<u>1</u>	
OWNER <u>Clamp</u>	<u>1</u>	

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

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.

PERFFAC BALLS TYPE _____ QTY.

OTHER _____

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>12-28</u>	DATE <u>12-28</u>	DATE <u>12-29</u>	DATE <u>12-29</u>
TIME <u>1800</u>	TIME <u>2330</u>	TIME <u>10:00</u>	TIME <u>1200</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>H. H. ...</u>	<u>374159</u>	<u>La. ...</u>
<u>Palmer</u>	<u>2592</u>	<u>11</u>
<u>Mid Grove</u>	<u>3801</u>	

DEPARTMENT ENT

DESCRIPTION OF JOB 6 5/16

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

CUSTOMER REPRESENTATIVE X B J ...

HALLIBURTON OPERATOR D. K... COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>260</u>	<u>H</u>	<u>1 C</u>	<u>B</u>	<u>310 CC</u>	<u>1/4" L10</u>	<u>1.84</u>	<u>12.7</u>
<u>2</u>	<u>75</u>	<u>S</u>	<u>2 D</u>	<u>B</u>	<u>11</u>	<u>11</u>	<u>1.16</u>	<u>15.6</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 40 REASON Joint

SUMMARY

PRESLUSH: BBL.-GAL. _____ TYPE _____

LOAD & SKDN: BBL.-GAL. _____ PAD: BBL.-GAL. 37

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

CEMENT SLURRY: BBL.-GAL. _____

TOTAL VOLUME: BBL.-GAL. _____

RECEIVED STATE CORPORATION COMMISSION

RECEIVED CONSERVATION DIVISION

FEB 14 1990

AUG 7 1990

CONSERVATION DIVISION Wichita, Kansas

CUSTOMER 11-31 JOB TYPE 2548 DATE 12-29

