

ORIGINAL ORIGINAL

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 # 3248
Name: Masters Operating Company
Address 240 N. Rock Road
Suite 135
City/State/Zip Wichita, KS 67206
Purchaser: _____
Operator Contact Person: Bob Stolzle
Phone (316) 682-8844

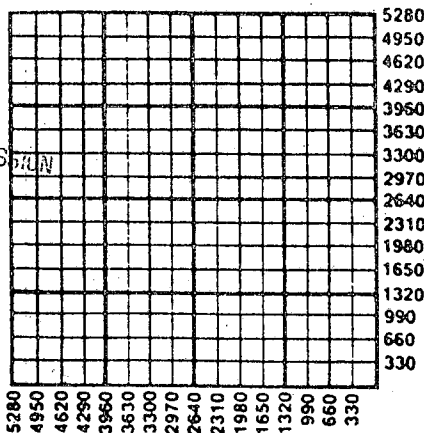
Contractor: Name: Murfin Drilling Company
License: 6033
Wellsite Geologist: _____

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

If OWO: old well info as follows:
Operator: Donald C. Slawson
Well Name: Stoll "J" #1
Comp. Date 3-19-86 Old Total Depth 4575'

Drilling Method:
 Mud Rotary Air Rotary Cable
05-22-90 05-23-90 05-24-90
Spud Date Date Reached TD Completion Date

API NO. 13- 109-20,416-2-00-01
County Logan
C S/2 NW Sec. 22 Twp. 13S Rge. 33 East West
3380 / Ft. North from Southeast Corner of Section
3940 / Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)
Lease Name 3-2 Smith Well # 1-B
Field Name _____
Producing Formation L-KC "H" ZONE
Elevation: Ground 2899 KB 2905
Total Depth OTD PBDT _____



Amount of Surface Pipe Set and Cemented at 326 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 2332 Feet
If Alternate II completion, cement circulated from 555
feet depth to Surface w/ 835 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 [Signature]
Title Jack E. Goss, Agent for Operator Date 6-12-90
Subscribed and sworn to before me this 12th day of June 19 90.
Notary Public Melanie Rau
Date Commission Expires 4-18-93

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)

MELANIE RAU
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 4-18-93

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STATE CORPORATION COMMISSION
DEC 26 1990
12-26-1990
CONSERVATION DIVISION
Wichita, Kansas

SIDE TWO

Operator Name Masters Operating Company Lease Name 3-2 Smith Well # 1-B OWWO
 Sec. 22 Twp. 13S Rge. 33 East West
 County Logan

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.)

| Formation Description | | |
|-----------------------|------|--------|
| Name | Top | Bottom |
| Heebner | 3806 | |
| LANSING | 3855 | |
| LANSING "J" | 4086 | |
| STAR K SH. | 4100 | |
| B.K.C. | 4162 | |

Log* Sample

Log. Orig hole STANSON 5011"J" #1 DIA

CASING RECORD New 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 |
|-------------------|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Production | 7 7/8 | 5-1/2" | 14# | 4191 | EA2 | 100 | |

| Shots Per Foot | PERFORATION RECORD Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | |
|----------------|---|---|--|
| | | Depth | |
| 3 | 4028-33" L-KC "J" | 3000 gal 15% 5GA | |
| 3 | 3855-57 L-KC "A" | 3000 gal 325 SX CLASSIA | |
| 3 | 3910-12 L-KC "C" | Squeezed | |
| 3 | 3979-81 L-KC "G" | 2500 gal NO FLUID PROD. | |

TUBING RECORD Size 2 3/8" Set At 4050 Packer At 4050 Liner Run Yes No

Date of First Production _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____
 Estimated Production Per 24 Hours Oil 1661 Bbls. Gas _____ Mcf Water 250 Bbls. Gas-Oil Ratio 3 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) _____

ORIGINAL

15-109-20416-00-01

3-2 SMITH 1B
ALTERNATE II CEMENTING

- 2/7 MIRU POE Well Service, TOH w/rods, pump & tubing, shop pump
- 2/8 TIH Set Halliburton RBP @ 3748'
P.C. at 2332'
Press test to 1000 psi - held OK
TOH 46 jts. & open port collar w/Halliburton FO tool
Break circ w/saltwater - good returns with 9 bbls pumped
- Began pumping cement down tubing - 3 bbl/min, max rate, max press 500 psi
good returns throughout - water & watery mud
did not get cement to surface with 400 sx 65-35 poz mix, (Halliburton Lite), 10% gel, 1/4 lb/sx floseal (cellophane)
displaced, closed port collar
SDFN
- 2/9 3:00 p.m. Ran temperature survey, found TOC @ +/- 1750'
SDFWE
- 2/10 SDFWE
- 2/11 Perf 3 shots @ 1680'
RU Allied Cementing, pump 37 bbls. saltwater, no returns, press. 1500' psi flowed back 8 bbls.
Reperf @ 1500', good circ.
Pump 310 sx 65-35 poz mix, and 50 sx common w/3% CaCl 10% gel & 1/4 lb. floseal. max press 600 psi @ 2 1/2 - 3 bbl/min rate, circ. cement to surface, drop plug and pumped to 1420', wait 30 min., sqzd 400 psi, plug @ 1457', wait 30 min resqueezed to 200 psi, plug at 1472', press 200 psi, plug @ 1482 rel press no flow back. RD left csg SI @ 75 psi POE dug pit bigger & refilled lead line ditch
- 2/12 RU Poe Well Service Pump & power swivel
Drilled plug and 20' good cement, bit dropped below 1500'
Press. tstd. @ 400 psi, would not hold, rel pump & power swivel and SDFN.
- 2/13 SD waiting on Halliburton
- 2/14 TIH w/RBP catcher, Halliburton packer, could not get below 1516', set pkr & press test perfs @ 1500' to 400 psi on annulus side - press bled to 200 psi in 5 min. Press test perfs @ 1680' through tubing to 900 psi. bled off to 450' psi in 5 min.
Rel. pkr TOH
TIH w/bit, drld on blockage at 1518' with tongs - would not drill.

Note: Circ. of cmt to Surf. verified by Marion Schmidt-KCC Hayes office

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CONSERVATION DIVISION
Wichita, Kansas

2/15 Rel Halliburton order Homco pump & power swivel.
RU pump & power swivel & start drlg cement @ 3:45 drlg
two jts hard-soft cement and 2 jts with spots of cement.
Ran in hole & circ. out from port collar at 2332'.
TIH w/Halliburton packer & BP catcher and set pkr at
1628'. Press test perf @ 1680', communicated w/perfs @
1500'.

Rel. pkr, spot 75 sx Class A cement at 1680' and set pkr
at 1453'.

Pump 75 sx @ 600-650 psi, 1.5 bbl/min displace 1/4 bbl/min
rate to 50' above perfs @ 1500' and wait 15 min., press
steady @ 650 psi, inc. press to 1000 psi held, wait 5
min, inc to 1500 psi, dec to 1250 psi 5 min., inc to 1500'
psi, dec to 1450 psi & held, wait 10 min. inc to 1600 psi
dropped to 1550 & held steady 5 min.

Released press,, no flow back, released pkr & circ. cement
out of hole from 1709'. Set pkr & press test sqzd perfs
to 350 psi held 5 min., rel press.
TIH to RBP @ 3748, set pkr, press test tbg to 900 psi,
held 5 min, Rel pkr, circ. sd. off RBP (85 bbls to turn
hole over) latch onto RBP and TOH w/RBP & pkr
SDFWE

2/16 SDFWE

2/17 SDFWE

2/18 TIH with tbg., pump and rods. Hung on, RDMO

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CONSERVATION DIVISION
Wichita, Kansas

15-109-20416-00-01

ORIGINAL

Phone 913-483-2627, Russell, Kansas

Phone Plainville 913-434-2812

Phone 316-793-5861, Great Bend, Kansas

Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. No. 9596

Home Office P. O. Box 31

Russell, Kansas 67665

| | | | | | | | | | | | | | | | |
|-------|---------|----------|------|----------|-----------------------|-------|-----|------------|--------|-------------|--------|-----------|--------|--------|--------|
| Date | 2-11-91 | Sec. | 22 | Twp. | 13s | Range | 33w | Called Out | 5:20AM | On Location | 8:45AM | Job Start | 9:00AM | Finish | 2:15PM |
| Lease | SMITH | Well No. | #3-2 | Location | Oakley 11s 7w 3 1/2 S | | | Country | LOVYAN | State | KANSAS | | | | |

| | | |
|---|--|--|
| Contractor | POE Well Service | |
| Type Job | Circulate Cement (perf) | |
| Hole Size | T.D. | |
| Csg. 5 1/2 | Depth | |
| Tbg. Size | Depth | |
| Drill Pipe | Depth | |
| Tool | Depth | |
| Cement Left in Csg. | Shoe Joint | |
| Press Max. | Minimum | |
| Meas Line <input checked="" type="checkbox"/> | Displace <input checked="" type="checkbox"/> | |
| Perf. | @ 1680' + 1500' | |

| | |
|---|--|
| Owner | Y4E |
| To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. | |
| Charge To | TEAM RESOURCES CORPORATION |
| Street | |
| City | State |
| The above was done to satisfaction and supervision of owner agent or contractor. | |
| Purchase Order No. | |
| x | <i>Robert Taylor</i> |
| | CEMENT |
| Amount Ordered | 310 SK Lite 1/4" ^{FF-500 L} PER SK / 50 SK COM 38 ^{CC} |

| EQUIPMENT | | |
|--------------|----------|--------------|
| Pumperk #177 | Cementor | <i>Blair</i> |
| | Helper | <i>Will</i> |
| Pumperk No. | Cementor | |
| | Helper | |
| Bulktrk #196 | Driver | <i>Ed</i> |
| Bulktrk #155 | Driver | <i>Mark</i> |

| | |
|--------------------|-----------|
| Consisting of | |
| Common | |
| Poz. Mix | |
| Gel. | |
| Chloride | |
| Quickset | |
| | |
| | |
| | Sales Tax |
| Handling | |
| Mileage | |
| | Sub Total |
| | Total |
| Floating Equipment | |

| DEPTH of Job | |
|--------------|------------------|
| Reference: | Pump Truck Chrg. |
| 1-5 1/2 | RUBBER PLUG |
| | Sub Total |
| | Tax |
| | Total |

Remarks: BRIDGE PLUG 3748' TESTED & HELD. PERFORATED @ 1680', PUMPED INTO @ 1 1/2 BBL/PER MIN @ 1300' ^{NO BLOW}. Re-perf. @ 1500' & HAD GOOD CIRCULATION MIXED CEMENT, HAD APPROX 300 SK MIXED & CEMENT CIRCULATED AROUND ANNULAS. MIXED 50 SK CEMENT DISPLACED DOWN TO 1480' + SHUT IN @ 100'.

Blair
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STATE CORPORATION COMMISSION
FEB 25 1991
CONSERVATION DIVISION
Wichita, Kansas



BULK MATERIALS DELIVERY
ORIGINAL
TICKET CONTINUATION

15-109-20416-00-01

FOR INVOICE AND
TICKET NO. _____

| | | | | |
|------------------------------------|--------------------|-------------------------------------|------------------------------------|--------------------------------|
| DATE 2-9-91 | CUSTOMER ORDER NO. | WELL NO. AND FARM Smith 1 | COUNTY | STATE KS. |
| CHARGE TO Team Resources | | OWNER Same | CONTRACTOR Doc well ser. | No. B815301 |
| MAILING ADDRESS | | DELIVERED FROM Lamar | LOCATION CODE 25615 | PREPARED BY MCINTYRE |
| CITY & STATE | | DELIVERED TO LOC. | TRUCK NO. 4149-5070 | RECEIVED BY |

| PRICE REFERENCE | SECONDARY REF. OR PART NO. | CODE | | DESCRIPTION | UNITS 1 | | UNITS 2 | | UNIT PRICE | AMOUNT | |
|--|----------------------------|--|---|--------------------------------------|-------------------|----------------------|---------|--------------|-----------------|----------------------------------|--|
| | | L | D | | QTY. | MEAS. | QTY. | MEAS. | | | |
| 504-316 | | | | Halliburton Light Cement | 400 | bags | | | 6.10 | 2440.00 | |
| 507-310 | | | | Pieces 1/4" v/all | 100 | # | | | 1.30 | 130.00 | |
| 507-310 | | | | Plastering | 369.80 | ton miles | | | 1.10 | 407.00 | |
| 500-307 | | | | Mileage surcharge | 369.80 | ton miles | | | .10 | 36.98 | |
| <div style="border: 1px solid black; padding: 10px; transform: rotate(-15deg); display: inline-block;"> <p>THIS IS NOT AN INVOICE</p> <p>2/14/27-05</p> <p>Total</p> </div> | | | | | | | | | | | |
| | | | | Returned Mileage Charge | | | | | | | |
| | | | | TOTAL WEIGHT | | LOADED MILES | | TON MILES | | | |
| | | | | SERVICE CHARGE ON MATERIALS RETURNED | | | | CU. FEET | | | |
| 500-207 | | | | SERVICE CHARGE | | | | CU. FEET 407 | 1.10 | 447.70 | |
| 500-306 | | | | Mileage Charge | 36980 | 20 | | 369.80 | .75 | 277.35 | |
| | | | | TOTAL WEIGHT | | LOADED MILES | | TON MILES | | | |
| No. B 815301 | | RECEIVED STATE CORPORATION COMMISSION CARRY FORWARD TO INVOICE | | | | | | SUB-TOTAL | | 3324.03 3657.03 | |

FORM 1911-R6 REV. 8-65

FEB 25 1991 CUSTOMER

CONSERVATION DIVISION
Wichita, Kansas

HALLIBURTON SERVICES
Duncan, Oklahoma 73538

A Division of Halliburton Company

15-109-20416-00-01

TICKET

NO. **911161-9**

FORM 1906 R-11

| | | | | | | |
|---|----------------------------|-----------------------------|-------------------------------------|---|----------------------|--|
| WELL NO. - FARM OR LEASE NAME 1 Smith | | COUNTY LOGAN | STATE KS | CITY / OFFSHORE LOCATION | | DATE 2-8-91 |
| CHARGE TO TEAM RESOURCES | | OWNER SAMF | | TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/> | | NIROGEN JOB YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> |
| ADDRESS | | CONTRACTOR POF | | LOCATION LOGAN CO | | CODE 2561F |
| CITY, STATE, ZIP | | SHIPPED VIA TRUCK | | FREIGHT CHARGES <input type="checkbox"/> PFD <input type="checkbox"/> COLLECT | | LOCATION 2 |
| WELL TYPE 01 | WELL CATEGORY 02 | WELL PERMIT NO. | DELIVERED TO LOL CARLEYKS | | LOCATION 3 | CODE |
| TYPE AND PURPOSE OF JOB 020 | | B-815301 | ORDER NO. | REFERRAL LOCATION | | |

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 IMMEDIATELY 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 | | | | MILEAGE | 20 | | | | 235 | 47 00 |
| 000-11F | | | | 11 SUBSCRIBER | 20 | | | | .40 | 8 00 |
| 009-019 | | | | PUMP CHANGE | 2332 | | | | | 1,040 00 |

THIS IS NOT AN INVOICE

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-815301** **3332 03**

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X **ROBERT STOLZE**
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X **Robert Stolz**
CUSTOMER OR HIS AGENT (SIGNATURE)

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

C. [Signature]
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

RECEIVED
STATE CORPORATION COMMISSION
TOTAL

FEB 25 1991

APPLICABLE TAXES WILL BE ADDED ON INVOICE.

CONSERVATION DIVISION
Wichita, Kansas



HALLIBURTON SERVICES

JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

OK CITY 15-109-20410-00-01
ORIGINAL

BILLED ON TICKET NO.

FIELD SPARK HOLE SEC 22 TWP 17 RANG LOGAN COUNTY LOGAN 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>U</u> | | <u>5 1/2</u> | <u>KR</u> | <u>3712</u> | |
| LINER | | | | | |
| TUBING <u>U</u> | | <u>2 3/4</u> | <u>KR</u> | <u>2334</u> | |
| OPEN HOLE | | | | | SHOTS/FT. |
| PERFORATIONS | | | | | |
| PERFORATIONS | | | | | |
| PERFORATIONS | | | | | |

JOB DATA

| CALLER OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|--------------------|--------------------|-------------|---------------|
| DATE <u>2-8-91</u> | DATE <u>2-8-91</u> | DATE | DATE |
| TIME <u>3:00</u> | TIME <u>8:00</u> | TIME | TIME |

TOOLS AND ACCESSORIES

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

PERSONNEL AND SERVICE UNITS

| NAME | UNIT NO. & TYPE | LOCATION |
|-------------------|-----------------|----------------|
| <u>B. PALMER</u> | <u>2592</u> | <u>LAHARCO</u> |
| <u>B. 6202</u> | | |
| <u>D. HICKMAN</u> | <u>4149</u> | |
| <u>D. 9704</u> | | |
| <u>C. HASSLER</u> | <u>27411</u> | |
| <u>4-1061</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

GELING 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 OK

DESCRIPTION OF JOB 2nd STAGE

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X Robert Toyle

HALLIBURTON OPERATOR [Signature]

COPIES REQUESTED _____

CEMENT DATA

| STAGE | NUMBER OF SACKS | CEMENT | BRAND | BULK SACKED | ADDITIVES | YIELD CU.FT/SK. | MIXED LBS/GAL |
|----------|-----------------|---------------|-------|-------------|---------------|-----------------|---------------|
| <u>1</u> | <u>400</u> | <u>H.L.C.</u> | | | <u>Vol FL</u> | <u>1.87</u> | <u>12.7</u> |

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

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

ORDERED _____ AVAILABLE _____ USED _____

TREATING _____ DISPL. _____ OVERALL _____

FEET _____ REASON _____

PRESLUSH: BBL-GAL _____ TYPE _____

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

TREATMENT: BBL-GAL _____ DISPL. BBL-GAL 8.5

CEMENT SLURRY: BBL-GAL 131

TOTAL VOLUME: BBL-GAL _____

REMARKS _____

RECEIVED _____

STATE CORPORATION COMMISSION

FEB 25 1991

CONSERVATION DIVISION
Wichita, Kansas

CUSTOMER: FEARL RESOURCE
LEASE: SHITS
WELL NO.: 1
JOB TYPE: 2nd STAGE
DATE: 2-8-91

**HALLIBURTON SERVICES
JOB LOG**

WELL NO. 1 LEASE SMITH TICKET NO. 15-109-20416-00-01
 CUSTOMER TEAM MESSAGE/NAI PAGE NO. _____
 JOB TYPE 2nd STAGE DATE 2-8-91

FORM 2013 R-2

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|-------|------------|--------------------|-------|---|----------------|--------|--|
| | | | | T | C | TUBING | CASING | |
| | | | | | | | | LOGAN KS |
| | 8:00 | | | | | | | BEG ON LOC. |
| | 8:30 | | | | | | | ON LOC. BIG RUN TUB. |
| | 11:15 | | 36 | | | 1000 | 1000 | CIR HOLE |
| | 11:30 | | | | | 1000 | | TEST B.P. 3 CASING |
| | 11:40 | | 14 | | | | | SPOT SAND PULL TUB OPEN F.O. |
| | 12:45 | 3 | 10 | | | 700 | | CIR HOLE Good CIR. |
| | | 3 | | | | 500 | | START CMT |
| | | 3 | 131 | | | 500 | | FINISH CMT |
| | | | | | | | | START DISH |
| | 12:20 | 3 | 8.5 | | | 500 | | FINISH DISH |
| | 12:30 | | | | | 1000 | | CLOSE F.O. 2 TEST |
| | 13:45 | 3 | 20 | | | | | REL OUT |
| | | | | | | | | Good CIR DURING JOB. |
| | | | | | | | | NO CMT TO SURFACE |

RECEIVED
STATE CORPORATION COMMISSION

FEB 25 1991

CUSTOMER

CONSERVATION DIVISION
Wichita, Kansas

ORIGINAL

ATTACH TO INVOICE & TICKET NO.

DISTRICT LIBERAL KS

DATE 2-8-91

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: TEAM RESOURCE (CUSTOMER)

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1 LEASE Smiths SEC. _____ TWP. _____ RANGE _____

FIELD _____ COUNTY LOGAN STATE KS OWNED BY _____

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

| FORMATION NAME | TYPE | NEW USED | WEIGHT | SIZE | FROM | TO | MAX. ALLOW. P.S.I. |
|--|---------------------|--------------|----------|--------------|-----------|----|--------------------|
| FORMATION THICKNESS | FROM _____ TO _____ | | | | | | |
| PACKER: TYPE | SET AT _____ | | | | | | |
| TOTAL DEPTH | MUD WEIGHT _____ | | | | | | |
| BORE HOLE | | | | | | | SHOTS/FT. |
| INITIAL PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF | | | | | | | |
| PRESENT PROD: OIL _____ BPD, H ₂ O _____ BPD, GAS _____ MCF | | | | | | | |
| | | CASING | <u>U</u> | <u>5 1/2</u> | <u>KB</u> | | |
| | | LINER | | | | | |
| | | TUBING | <u>U</u> | <u>2 3/4</u> | <u>KB</u> | | |
| | | OPEN HOLE | | | | | |
| | | PERFORATIONS | | | | | |
| | | PERFORATIONS | | | | | |
| | | PERFORATIONS | | | | | |

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Cont 2nd stage

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. 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 attorneys 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.
 - 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. The term "well owner" shall include working and royalty interest owners.
 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.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
 - 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. 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 liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
 - 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. 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 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.
 - e) That 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.
 - 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.

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

RECEIVED STATE CORPORATION COMMISSION

SIGNED [Signature] DATE 2-8-91 TIME 8:00 P.M.

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

CONSULTATION DIVISION Wichita, Kansas

WORK ORDER CONTRACT
AND PRE-TREATMENT DATA

15-109-20416-00-01

FORM 1908 R-7

ATTACH TO INVOICE & TICKET NO. 080074

DISTRICT Hays, Ks.

DATE 2-14-91

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

WELL NO. 1 LEASE Smith SEC. _____ TWP. _____ RANGE _____
FIELD _____ COUNTY Logan STATE Ks. OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS R112 FROM _____ TO 1453
PACKER: TYPE R112 SET AT 3748
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 | | 5 7/8 | GL | 37 | |
| LINER | | | | | | |
| TUBING | U | | 2 7/8 | GL | 1453 | |
| OPEN HOLE | | | | | | SHOTS/FT. |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

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

Squeeze Packs with 95 slt Standard

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
- 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. 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 attorneys 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.
 - 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:
 - 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. The term "well owner" shall include working and royalty interest owners.
 - Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 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.
- The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.
- 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. 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 liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
 - 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. 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 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.
 - That 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.
 - To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
 - That this contract shall be governed by the law of the state where services are performed or materials are furnished.
 - 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.

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

SIGNED Robert Stalk CUSTOMER
DATE 2-14-91

RECEIVED
STATE CORPORATION COMMISSION

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 0900 (A.M.) P.M.

FEB 25 1991

CUSTOMER

REGISTRATION DIVISION
Wichita, Kansas



15-109-20416-00-01

TICKET NO. 080074 5

FORM 1905 R-11

| | | | | | |
|--|---------------------|-----------------------------|--------------------------|---|---|
| WELL NO. - FARM OR LEASE NAME 1 Smith | | COUNTY Logan | STATE Ks. | CITY / OFFSHORE LOCATION | DATE 2-14-91 |
| CHARGE TO Team Resources | | OWNER Sonic | | 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 240 N. Rock Road Suite 135 | | CONTRACTOR POE well serv | | LOCATION 1 Mo. City, Ks. | CODE 73553 |
| CITY, STATE, ZIP Wichita, Ks. 67206 | | SHIPPED VIA 51145 | | FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT | LOCATION 2 Hwy, Ks. |
| WELL TYPE 01 | WELL CATEGORY 02 | WELL PERMIT NO. | DELIVERED TO Location | | LOCATION 3 |
| TYPE AND PURPOSE OF JOB 095 | | B-90407 | ORDER NO. | REFERRAL LOCATION | |

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 IMMEDIATELY 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 51145 | 40 | mi | | | 2.25 | 94.00 |
| 000-118 | | 1 | | Mileage Surcharge | 40 | mi | | | .40 | 16.00 |
| 011-205 | | 1 | | Pump Service | 300 | PSI | | | | 600.00 |
| 009-134 | 004-019 | 1 | | Pump Service 2-15-91 | 1.00 | Ft | | | | 850.00 |
| 000-117 | | 1 | | Mileage 51145 | 40 | mi | | | 2.25 | 94.00 |
| 000-118 | | 1 | | Mileage Surcharge | 40 | mi | | | .40 | 16.00 |

THIS IS NOT AN INVOICE

RECEIVED
STATE CORPORATION COMMISSION
FEB 25 1991
CONSERVATION DIVISION
Wichita, Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-90407** 611

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X Robert F. Toke
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X Robert Toke
CUSTOMER OR HIS AGENT (SIGNATURE)

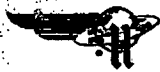
WE CERTIFY THAT THE FAIR LABOR STANDARDS ACT OF 1938, AS AMENDED HAS BEEN COMPLIED WITH IN THE PRODUCTION OF GOODS AND OR WITH RESPECT TO SERVICES FURNISHED UNDER THIS CONTRACT.

Ray B. Lykins
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL _____

CUSTOMER

SUB TOTAL _____
APPLICABLE TAXES WILL BE ADDED ON INVOICE.



HALLIBURTON SERVICES

A Division of Halliburton Company

BULK MATERIALS DELIVERY AND ORIGINAL TICKET CONTINUATION

15-109-20416-00-01

FOR INVOICE AND TICKET NO. 082074

| | | | | |
|--|--------------------|---------------------------------------|-------------------------------|-------------------------------|
| DATE 2-13-91 | CUSTOMER ORDER NO. | WELL NO. AND FARM Smith #1 | COUNTY Logan | STATE Kansas |
| CHARGE TO Team Resources | | OWNER Same | CONTRACTOR | No. B 904017 |
| MAILING ADDRESS 240 N. Rock Road Suite 135 | | DELIVERED FROM Hays, Ks | LOCATION CODE 25525 | PREPARED BY Kuhn |
| CITY & STATE Wichita, Ks 67206 | | DELIVERED TO S/W Oakley, Ks | TRUCK NO. 0818 | RECEIVED BY <i>R. Kuhn</i> |

| PRICE REFERENCE | SECONDARY REF. OR PART NO. | CODE | | DESCRIPTION | UNITS 1 | | UNITS 2 | | UNIT PRICE | AMOUNT | | |
|--|----------------------------|--------------------------|---|--------------------------------------|--------------|-----------|---------|-------|------------|--------|---------------|--|
| | | L | D | | QTY. | MEAS. | QTY. | MEAS. | | | | |
| 504-308 | 516.00261 | 2 | B | Standard Cement | 50 | | | | 5.45 | 272 | 50 | |
| 504-308 | 516.00261 | 2 | B | Standard Cement | 25 | | | | 5.45 | 136 | 25 | |
| <p>THIS IS NOT AN INVOICE</p> <p>RECEIVED STATE CORPORATION COMMISSION FEB 25 1991 CONSERVATION DIVISION Wichita Kansas</p> | | | | | | | | | | | | |
| | | | | TOTAL WEIGHT | LOADED MILES | TON MILES | | | | | | |
| | | | | SERVICE CHARGE ON MATERIALS RETURNED | | | | | | | | |
| 500-207 | | 2 | B | SERVICE CHARGE | | | | | 1.10 | | 82 50 | |
| 500-306 | | 2 | B | Mileage Charge | 40 | | | | .75 | | 105 75 | |
| 500-307 | | | | TOTAL WEIGHT, 050 | | | | | .10 | | 10 10 | |
| No. B 904017 | | CARRY FORWARD TO INVOICE | | | | | | | SUB-TOTAL | | 611 10 | |

FORM 1911-R6 REV. 8-85

CUSTOMER

HALLIBURTON SERVICES
JOB LOG

15-109-20416-00-01

WELL NO. 1 LEASE Smith TICKET NO. 020019

CUSTOMER Team Resources **ORIGINAL** PAGE NO. 1

FORM 2013 R-2

JOB TYPE Spud DATE 2-14-91

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|--|
| | | | | T | C | TUBING | CASING | |
| | 0500 | | | | | | | Called out |
| | 0510 | | | | | | | on loc. Setup truck |
| | 0830 | | | | | | | Start RTs in hole |
| | 0915 | | | | | | | Could not get RTs Below 15 1/2' |
| | 0930 | | 7 | | | 900 | | Set RTs & Press Ann. Leaked |
| | 1000 | | | | | 500 | | Press tubing leaked |
| | 1030 | | | | | | | Put RTs out of hole |
| | 1140 | | | | | | | Run in hole with Bit |
| | 1230 | | | | | | | Cir. Hole clean After Drilling 1 1/2' |
| | | | | | | | | Hole clean shut down |
| | | | | | | | | will use Power Sward to Drill out. |
| | | | | | | | | 2-15-91 |
| | 0800 | | | | | | | on loc. set up truck Start tool in hole |
| | 0915 | | | | | 400 | | set @ 1679' Press Ann. Leaked |
| | 1010 | 1 1/2 | | | | 1,000 | | Press tubing 1 1/2 BPM 1000psi Comm. with top hole |
| | 1013 | | 5 | | | | | RTs @ 1450' Spud 5 1/2" out |
| | 1028 | | | | | | | set tool start squeeze with 75 lbs out |
| | 1030 | 1/4 | | | | | | Finished mixing wash up pumps & loc |
| | 1045 | | 5 1/4 | | | | | Start Drilling 6 1/2" |
| | 1055 | | | | | 1,000 | | 5 1/2" out tubing clear wash up truck |
| | 1117 | | | | | | | Press to 1000 psi Holding |
| | 1130 | | | | | | | Press to 1,500 slght bleed off |
| | 1130 | | | | | | | Press to 500 Holding |
| | 1150 | | | | | | | Release Press Drilled up Release out |
| | 1205 | | | | | | | Start washing down then squeeze |
| | 1245 | | | | | | | set RTs @ 1109' Press Ann. hold 4000psi |
| | 1250 | | | | | | | Run in hole to work sand off Plug |
| | 1330 | | | | | | | set RTs Just Above sand |
| | 1350 | | | | | | | Press test tubing |
| | 1430 | | 85 | | | | | Cir. sand off Plug |
| | | | | | | | | Hole clean Back up truck |
| | | | | | | | | Thank You Royer |
| | | | | | | | | P. Lechko 02019 |
| | | | | | | | | R. Carter 02089 |

RECEIVED
STATE CORPORATION COMMISSION
FEB 25 1991
CONSERVATION DIVISION

CUSTOMER



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

OKlahoma City, OK
New City, OK

13-109-20416-00-01

BILLED ON 08/21/91
TICKET NO.

WELL DATA

FIELD _____ SEC. _____ TWP. _____ RING _____ COUNTY Logan STATE Ks.

| FORMATION NAME | TYPE | NEW USED | WEIGHT | SIZE | FROM | TO | MAXIMUM PSI ALLOWABLE |
|---------------------|-------------|----------|--------|-------|------|----|-----------------------|
| FORMATION THICKNESS | FROM TO | | | 5 7/8 | | | |
| INITIAL PROD. OIL | BPD. WATER | BPD. GAS | MCFD | | | | |
| PRESENT PROD. OIL | BPD. WATER | BPD. GAS | MCFD | | | | |
| COMPLETION DATE | MUD TYPE | MURDT | | | | | SHOTS/FT. |
| PACKER TYPE | SET AT | | | | | | |
| BOTTOM HOLE TEMP. | PRESSURE | | | | | | |
| MISC. DATA | TOTAL DEPTH | | | | | | |

JOB DATA

TOOLS AND ACCESSORIES

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

| CALLER OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|--------------|--------------|--------------|---------------|
| DATE 2-14-91 | DATE 2-14-91 | DATE 2-14-91 | DATE 2-15-91 |
| TIME 0500 | TIME 0810 | TIME 0915 | TIME 1500 |

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 _____

PERFAC BALLS TYPE _____ QTY. _____

OTHER _____

PERSONNEL AND SERVICE UNITS

| NAME | UNIT NO. & TYPE | LOCATION |
|--------------|-----------------|--------------|
| P. Taylor | Com 51145 | New City, Ok |
| C. [unclear] | R. 12 0212 | Hays, Ks |
| D. [unclear] | 12011 | Hays, Ks |

DEPARTMENT Cont.

DESCRIPTION OF JOB Spare Parts

JOB DONE THRU: TUBING CASING ANNULUS TBC/ANN.

CUSTOMER REPRESENTATIVE X. [Signature]

HALLIBURTON OPERATOR [Signature] COPIES REQUESTED _____

CEMENT DATA

| STAGE | NUMBER OF BAGS | CEMENT | BRAND | BULK SACKED | ADDITIVES | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|-------|----------------|----------|-------|-------------|-----------|------------------|-----------------|
| | 75 | Standard | | B | | 1.18 | 15.6 |

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____ PRESURUSH: BBL-GAL _____ TYPE _____

BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL _____ PAD: BBL-GAL _____

AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL _____ DISPL: BBL-GAL 6.7

SHUT-IN: INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL-GAL 15.7

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

REASON _____

REMARKS

See Chart + Job Log

Thank you

RECEIVED

STATE CORPORATION COMMISSION

FEB 25 1991

CUSTOMER
LEASE
WELL NO.
JOB TYPE
DATE

HALLIBURTON SERVICES
JOB LOG

15-109-20416-00-01

WELL NO. 1 LEASE Smith TICKET NO. 070073

CUSTOMER Team Resources PAGE NO. 1

JOB TYPE Tool DATE 2-14-91

ORIGINAL

FORM 2013 R-2

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|-------|------------|--------------------|-------|---|----------------|--------|---|
| | | | | T | C | TUBING | CASING | |
| | 0520 | | | | | | | Cut out |
| | 0540 | | | | | | | on loc. |
| | 0830 | | | | | | | Start RTTs in hole |
| | 0915 | | | | | | | Set RTTs @ 1655' Press Ann |
| | 0930 | | | | | | | Could not get RTTs below 1516' |
| | 10:00 | | | | | | 400 | Set RTTs Press Ann Break off |
| | 10:30 | | | | | | | Press Tubing Break off |
| | 11:40 | | | | | | | Pull RTTs out of hole |
| | 12:30 | | | | | | | Run in hole with bit |
| | | | | | | | | Circ hole clean after Drilling 1 1/2' |
| | | | | | | | | Hole clean shut down |
| | | | | | | | | will use Power Swivel to Drill out. |
| | | | | | | | | 2-15-91 |
| | 0820 | | | | | | | on loc. |
| | 0830 | | | | | | | Start RTTs in hole |
| | 0915 | | | | | | | Set RTTs @ 1679' Press Ann marked |
| | | 1 1/2 | | | | 1100 | | Take inj. Rate down tubing |
| | 1010 | | | | | | | 1 1/2 GPM 1100 PSI commencing with top hole |
| | 1013 | | | | | | | Set RTTs @ 1453' Spurt 3 5/8" cut |
| | 1038 | | | | | | | Set tool start squeeze with 75 S/B |
| | 1030 | | | | | | | Finished mixing wash pump & hole |
| | 1045 | | | | | | | Start Dr. |
| | 1055 | | | | | | | Pumped 5 3/4" tool stop wash up tank |
| | 1119 | | | | | | | Repress to 1,000 psi hold |
| | 1130 | | | | | | | Press to 1,500 psi slight Break off |
| | 1130 | | | | | | | Press to 1,500 Holding |
| | 1205 | | | | | | | Release Press Drilling Reverse out |
| | 1245 | | | | | | | Start washing down then squeeze |
| | 1250 | | | | | | | Set RTTs @ 1709' Press Ann Hold 400 psi |
| | 1320 | | | | | | | Run in hole to wash sand off Plug |
| | 1340 | | | | | | | Set RTTs Just Above sand & Test Tubing |
| | 1430 | | | | | | | Circ Sand off Plug & Release |
| | 1600 | | | | | | | Start out of hole with tools |
| | | | | | | | | Tools out Job Complete |

Thank You Roy

RECEIVED
STATE CORPORATION COMMISSION

P. Leclair B0719

FEB 25 1991

CUSTOMER

CONSERVATION DIVISION
Wichita, Kansas



WORK ORDER CONTRACT AND PRE-TREATMENT DATA

15-109-20416-00-01

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 080073

DISTRICT Hays, Mo.

DATE 2-14-91

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

WELL NO. 1 LEASE Smith SEC. TWP. RANGE

FIELD COUNTY Logan STATE Mo. OWNED BY Same

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME TYPE 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 Run Rts in hole to squeeze flats

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. b) To defend, indemnify, release and hold harmless Halliburton, its divisions, subsidiaries, parent and affiliated companies... c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others... d) That Halliburton warrants only title to the products, supplies and materials... e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well... f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act... 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 STATE CORPORATION COMMISSION

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

SIGNED Robert Stahl CUSTOMER DATE 2-14-91

FEB 25 1991

TIME 09:45 AM 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.

CONSERVATION DIVISION MICHIGAN, KANSAS



ORIGINAL

TICKET NO. 080073-4

PAGE 1 OF _____ PAGES

FORM 1906 R-11

| | | | | | |
|---|----------------------------|------------------------------------|---------------------------------|---|---|
| WELL NO. - FARM OR LEASE NAME 1 Smith | | COUNTY Logan | STATE Ks. | CITY / OFFSHORE LOCATION | DATE 2-14-91 |
| CHARGE TO Team Resources | | OWNER State | | 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 240 N. Rock Road Suite 135 | | CONTRACTOR POE well serv | | LOCATION 1 New City, Ks | CODE 25553 |
| CITY, STATE, ZIP Wichita, Ks. 67206 | | SHIPPED VIA SH433 | | FREIGHT CHARGES <input type="checkbox"/> FPD <input type="checkbox"/> COLLECT | LOCATION 2 |
| WELL TYPE 01 | WELL CATEGORY 02 | WELL PERMIT NO. | DELIVERED TO Location | LOCATION 3 | CODE |
| TYPE AND PURPOSE OF JOB 195 | | B- | ORDER NO. | REFERRAL LOCATION | |

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 IMMEDIATELY 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 | | |
| 100-115 | | 1 | | MILEAGE 344.5 | 40 | mi | | | 120 | 48 00 |
| 100-116 | | 1 | | Mileage Surcharge | 40 | mi | | | 70 | 2 80 |
| 109-017 | | 1 | | Pits | 1650 | Ft | 5 1/2 | " | | 1235 00 |
| 117-000 | | 1 | | Tubing Sub | 1 | cu | 2 7/8 | " | | 02 00 |
| 116-814 | | 1 | | Operator Charge | | | | | | 350 00 |

THIS IS NOT AN INVOICE

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

WAS JOB SATISFACTORILY COMPLETED? _____

WAS OPERATION OF EQUIPMENT SATISFACTORY? _____

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X **Robert A. Stokke**
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X **Robert A. Stokke**
CUSTOMER OR HIS AGENT (SIGNATURE)

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.

RECEIVED
STATE CORPORATION COMMISSION ON
SUB TOTAL

Feb 25 1991

HALLIBURTON OPERATOR
Ray B. Saylor

HALLIBURTON APPROVAL _____

CUSTOMER _____

CONSERVATION DIVISION
Wichita, Kansas

APPLICABLE TAXES WILL BE ADDED ON INVOICE.



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

OKLAHOMA CITY ORIGINAL 15-109-20416-00-01
New City, KS. BILLED ON TICKET NO. 080073

WELL DATA

FIELD _____ SEC _____ TWP _____ RNG _____ COUNTY Logan 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 RTS MUD TYPE _____ MUD WT. RTS

PACKER TYPE RLP SET AT 3140

BOTTOM HOLE TEMP. _____ PRESSURE _____

MISC. DATA _____ TOTAL DEPTH _____

JOB DATA

| CALLER OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|---------------------|---------------------|---------------------|---------------------|
| DATE <u>2-14-91</u> | DATE <u>2-14-91</u> | DATE <u>2-14-91</u> | DATE <u>2-13-91</u> |
| TIME <u>0800</u> | TIME <u>0810</u> | TIME <u>0830</u> | TIME <u>1600</u> |

TOOLS AND ACCESSORIES

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

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 _____ 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. _____

PERFAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

PERSONNEL AND SERVICE UNITS

| NAME | UNIT NO. & TYPE | LOCATION |
|------------------|-----------------|---------------------|
| <u>R. Kogler</u> | <u>BU 20403</u> | <u>New City, KS</u> |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

DEPARTMENT 1001

DESCRIPTION OF JOB Run RTS in hole to Square

JOB DONE THRU: TUBING CASING ANNULUS TBC/ANN.

CUSTOMER REPRESENTATIVE X Robert Stogler

HALLIBURTON OPERATOR Roger B. Fyler COPIES REQUESTED _____

CEMENT DATA

| STAGE | NUMBER OF SACKS | CEMENT | BRAND | BULK SACKED | ADDITIVES | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|-------|-----------------|--------|-------|-------------|-----------|------------------|-----------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRESURISH: 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 _____

ORDERED _____ AVAILABLE _____ USED _____ TOTAL VOLUME: BBL-GAL _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET _____ REASON _____

REMARKS See Job Log

RECEIVED STATE COMPIATION COMMISSION

FEB 25 1991

CUSTOMER: 1001
LEASE: SMITH
WELL NO.: 1001
JOB TYPE: 1001
DATE: 2-14-91