

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

ORIGINAL

API NO. 15- 007-224740000

County Barber

app - SW - SE - SE Sec. 10 Twp. 32 S Rge. 14 XW

490 Feet from S (circle one) Line of Section

1070 Feet from E (circle one) Line of Section

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

Lease Name Hoagland Well # 2

Field Name Stumph Extension

Producing Formation none

Elevation: Ground 1857 KB 1870

Total Depth 4740 PBD 4740

Amount of Surface Pipe Set and Cemented at 1007 Feet

Multiple Stage Cementing Collar Used? Yes x No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan D&A 9/8 9-1-95  
(Data must be collected from the Reserve Pit)

Chloride content 6000 ppm Fluid Volume 320 bbls

Dewatering method used hauled & evaporation

Location of fluid disposal if hauled offsite: AUG 7 8 1995

Operator Name Molz Oil & Gas

Lease Name Molz SWD License No. 6006

NW Quarter Sec. 6 Twp. 35 S Rng. 11 XW

County Barber Docket No. CD 9771

Operator: License # 31297

Name: James B Read Operating, Inc

Address P.O. Box 638

City/State/Zip Ardmore, Okla 73402

Purchaser: n/a

Operator Contact Person: James B Read

Phone (405) 226-0055

Contractor: Name: Eagle Drilling, Inc

License: 5380

Wellsite Geologist: Stephen J Miller

Designate Type of Completion

X New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.

Gas ENHR SIGW

XX Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

6/29/95 7/3/95 7/8/95

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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]

Title President Date 8/15/95

Subscribed and sworn to before me this 15 day of Aug 19 95.

Notary Public [Signature]

Date Commission Expires April 26, 1999

| 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 type="checkbox"/>            | Geologist Report Received          |         |                          |                 |
| Distribution                        |                                     |                                    |         |                          |                 |
| <input checked="" type="checkbox"/> | KCC                                 | <input type="checkbox"/>           | SWD/Rep | <input type="checkbox"/> | NGPA            |
| <input type="checkbox"/>            | KGS                                 | <input type="checkbox"/>           | Plug    | <input type="checkbox"/> | Other (Specify) |

Operator Name James B. Read Operating, Inc Lease Name Hoagland Well # 2

Sec. 10 Twp. 32S Rge. 14  East  West County Barber

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:  
 DIFL-GR, Minilog, ZDLC-CN-GR

| <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
|---|----------------------------------|---------------------------------|
| Name                                    | Top                              | Datum                           |
| Heebner Shale                           | 3897                             | -2027                           |
| Toronto Lime                            | 3911                             | -2041                           |
| L. Douglas SS                           | 4044                             | -2174                           |
| Iatan                                   | 4068                             | -2198                           |
| Drum Lime                               | 4293                             | -2423                           |
| Marmaton                                | 4511                             | -2641                           |
| Mississippi                             | 4577                             | -2707                           |
| TD                                      | 4740                             | -2870                           |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |                   |                           |                 |               |                |              |                            |
|---|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc.           |                   |                           |                 |               |                |              |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Conductor   | 24                | 20                        | 94              | 43            | grout          | 6 yd         |                            |
| Protection  | 17 1/2            | 13 3/8                    | 48              | 117           | Class A        | 75           | 3%CC, 2%gel                |
| Surface   | 12 1/2            | 8 5/8                     | 25              | 1007          | Pozmix65/35    | 300          | 6%gel, 3%CC                |
| ADDITIONAL CEMENTING/SQUEEZE RECORD (circ to surf)                                  |                   |                           |                 |               |                | Class A      | 150 3%CC, 2%gel            |

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

| TUBING RECORD                                  | Size  | Set At             | Packer At              | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No |
|--|---|--------------------|------------------------|--|
| Date of First, Resumed Production, SMD or Inj. | 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 <u>N/A</u> Bbls.  | Gas <u>N/A</u> Mcf | Water <u>N/A</u> Bbls. | Gas-Oil Ratio Gravity  |

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled

(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

James B Read Operating, Inc.

ORIGINAL

Hoagland #2 DST Results

API #15-007-22474-0000

Results of Dst #1 - Lansing "B" Limestone 4107-4123

IHP - 1971  
IFP - 108 - 216 (30 minutes)  
ISIP - 1398 (60 minutes)  
  
FFP - 324 - 351 (60 minutes)  
FSIP - 1398 (90 minutes)

Stong Blow in 15 minutes on initial flow period. Good blow building to a strong blow on final flow in 60 minutes

Recovery - 90' Gas & Oil Mud (10% oil, 10% water, 80% mud)  
60' Oil & Gas cut muddy water (10% oil, 40% mud, 40% water)  
495' Water (140,000 clorides)

Results of Dst #2 - Drum limestone from 4288-4303.

IHP - 2187  
IFP - 86 - 86 (30 minutes)  
ISIP - 1334 (60 minutes)  
  
FFP - 106 - 161 (60 minutes)  
FSIP - 1334 (120 minutes)

Stong Blow in 1 minute on initial flow period. Strong blow on final flow in 90 minutes. Gas to surface 40 minutes final flow with less than 10 MCF rate.

Recovery - 120' Gas Cut Mud (15% Gas, 5% Oil, 80% mud)  
240' Water (115,000 clorides)

RECEIVED  
STATE CORPORATION COMMISSION

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8-18-95

CONSULTING DIVISION  
WICHITA, KANSAS

Results of Dst #3 - Mississippian Chert 4569-4590.

IHP - 2241  
IFP - 161 - 193 (30 minutes)  
ISIP - 1313 (60 minutes)  
  
FFP - 322 - 376 (45 minutes)  
FSIP - 1260 (90 minutes)

Stong Blow in 1 minute on initial flow period. Gas to surface 15 minutes. Flow rate 24,000 CF initial flow. 24,000 CF on final flow period.

Recovery - 150' Gassy Mud  
240' Gas and Water (115,000 clorides)  
734' Salt Water

Date 6/21/95 District M. d. Lodge Ticket No. 2012  
 Company J. P. Operating Rig Eagle #1  
 Lease Hogland Well No. 2  
 County Bolivar State Ks  
 Location 16-375-111W Field \_\_\_\_\_  
 Locality 11-A-11

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 13 1/4 Type \_\_\_\_\_ Weight 48.6 Collar \_\_\_\_\_

Casing Depths: Top 0 Bottom 120

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 17 1/2 T.D. 130 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .1571 Lin. ft./Bbl. 6.3677  
 Open Holes: Bbls/Lin. ft. .2891 Lin. ft./Bbl. 3.4595  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. .1153 Lin. ft./Bbl. 5.6745  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt \_\_\_\_\_

CEMENT DATA  
 Spacer Type: H<sub>2</sub>O ORIGINAL  
 Amt \_\_\_\_\_ Skis Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time \_\_\_\_\_ hrs Type Class AT 390  
Coel? Excess \_\_\_\_\_

Amt 12.5 Skis Yield 1117 ft<sup>3</sup>/sk Density 15.6 PPG

TAIL: Pump Time \_\_\_\_\_ hrs Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt \_\_\_\_\_ Skis Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead 5.2 gals/sk Tail \_\_\_\_\_ gals/sk Total 15.47 Bbls.

Pump Trucks Used 255-265 Tommys-1 Kevik Blower

Bulk Equip. 242 Jo Ann

Float Equip. Manufacturer Industriat Rubber

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type Waffel Depth 51

Centralizers: Quantity \_\_\_\_\_ Plugs Top Wood Btm. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Special Equip. 1 Cement Washer

Disp. Fluid Type H<sub>2</sub>O Amt 12.7 Bbls. Weight \_\_\_\_\_ PPG

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE Butch Stewart

CEMENTER Max Hall

| TIME         | PRESSURES PSI |                   | FLUID PUMPED DATA |             |                        | REMARKS  |   |
|--------------|---------------|-------------------|-------------------|-------------|------------------------|----------|---|
|              | AM/PM         | DRILL PIPE CASING | ANNULUS           | TOTAL FLUID | Pumped Per Time Period |          | RATE Bbls Min.                              |
| <u>12:00</u> |               |                   |                   |             |                        |          |   |
| <u>2:27</u>  |               | <u>50</u>         |                   |             | <u>2.6</u>             | <u>4</u> | <u>on loc high up</u>                       |
| <u>2:78</u>  |               | <u>200</u>        |                   |             | <u>15.6</u>            | <u>5</u> | <u>Pump H<sub>2</sub>O ahead</u>            |
| <u>2:32</u>  |               |                   |                   |             |                        |          | <u>Mix. cont 75% Class AT 390 lead</u>      |
| <u>2:39</u>  |               | <u>50</u>         |                   |             | <u>12.7</u>            | <u>7</u> | <u>cont mix-d shot down Disp Plug</u>       |
| <u>2:35</u>  |               | <u>300</u>        |                   |             |                        |          | <u>Start displacement</u>                   |
|              |               |                   |                   |             |                        |          | <u>Lead Plug close in Head</u>              |
| <u>2:50</u>  |               | <u>50</u>         |                   |             | <u>10.4</u>            | <u>2</u> | <u>Cement did not circulate</u>             |
| <u>2:55</u>  |               |                   |                   |             |                        |          | <u>Top of ft with 50% class AT 390 lead</u> |
|              |               |                   |                   |             |                        |          | <u>cont to surface shot down</u>            |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |
|              |               |                   |                   |             |                        |          |   |

STATE CORPORATION COMMISSION  
 AUG 1 1995  
 8-175

15-007-22474-0000



# CEMENTING LOG

STAGE NO

**ORIGINAL**

Date 6/30/95 District Mid. Lodge Ticket No. 2013  
 Company JBR Operating Rig Eagle 71  
 Lease Hecolabel Well No. 2  
 County Barber State KS  
 Location 10-32c-14W Field \_\_\_\_\_  
Hot Lake City Rd 1/2 mi NW

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 9 5/8 Type \_\_\_\_\_ Weight 247 Collar \_\_\_\_\_

CEMENT DATA  
 Spacer Type: Fresh H<sub>2</sub>O  
 Amt \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

LEAD: Pump Time \_\_\_\_\_ hrs Type LS-35.67c gel  
390 each by Flisgel  
 Amt 300 Skys Yield 1197 ft<sup>3</sup>/sk Density 12.4 PPG \_\_\_\_\_  
 TAIL: Pump Time \_\_\_\_\_ hrs Type CLASSH + 29 gel  
390 each  
 Amt 150 Skys Yield 1197 ft<sup>3</sup>/sk Density 15.2 PPG \_\_\_\_\_  
 WATER: Lead 10.9 gals/sk Tail 6.5 gals/sk Total 10.1 Bbls \_\_\_\_\_

Casing Depths: Top 0 Bottom 1008

Pump Trucks Used 255-265 Jim's pump  
 Bulk Equip. 296-250 John Kelly  
255-252 Larry Drilling

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 12 1/4 T.D. 128 ft. P.B. to \_\_\_\_\_ ft.  
 CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 10637 Lin. ft./Bbl 15.7015  
 Open Holes: Bbls/Lin. ft. 11458 Lin. ft./Bbl 6.5599  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. 10735 Lin. ft./Bbl 13.6037  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt \_\_\_\_\_

Float Equip. Manufacturer Baker  
 Shoe: Type Saw Teeth Depth 1008  
 Float: Type A.F.U. INSERT Depth 965  
 Centralizers: Quantity 2 Plugs Top Rubber Btm \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. 2 Cement Hoists  
 Disp. Fluid Type H<sub>2</sub>O Amt 6.5 Bbls Weight \_\_\_\_\_ PPG \_\_\_\_\_  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

COMPANY REPRESENTATIVE Cassy Coats

CEMENTER Max Ball

| TIME | PRESSURES PSI     |         | FLUID PUMPED DATA |                        |                | REMARKS   |
|------|-------------------|---------|-------------------|------------------------|----------------|---|
|      | DRILL PIPE CASING | ANNULUS | TOTAL FLUID       | Pumped Per Time Period | RATE Bbls Min. |   |
| 3:18 | 100               |         |                   | 5                      | 5              | ON LOC RIG UP   |
| 3:14 | 200               |         |                   | 105                    | 5.5            | Pump H <sub>2</sub> O H <sub>2</sub> O                |
| 3:24 | 200               |         |                   | 32                     | 6.             | Mix Lead Cont H <sub>2</sub> O + 35.67c gel           |
| 3:46 |                   |         |                   |                        |                | Mix Tail Cont 150 c/s Class H <sub>2</sub> O + 29 gel |
| 3:47 | 98                |         |                   | 21.5                   | 4              | Cont Mix-el 5 Hot Water W. Brass Plug                 |
| 3:49 | 800               |         |                   |                        |                | Start Displacement                                    |
|      |                   |         |                   |                        |                | Land Plug Float Hold                                  |
|      |                   |         |                   |                        |                | Circulated 30 BBL Cont To Pit                         |

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 AUG 7 1995  
 8-1-95

FINAL DISP. PRESS: 300 PSI BUMP PLUG TO 800 PSI BLEEDBACK 1/2 BBLs THANK YOU

# ALLIED CEMENTING CO., INC.

2035

SHIP TO P.O. BOX 31  
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

Med. Lodge, Ks.

15-007-22474-0000

7-9-95

|               |         |                                 |           |                     |                       |                      |                      |
|---------------|---------|---------------------------------|-----------|---------------------|-----------------------|----------------------|----------------------|
| DATE 7-8-95   | SEC. 10 | TWP. 32S                        | RANGE 14W | CALLED OUT 6:00 PM. | ON LOCATION 10:15 AM. | JOB START 12:30 A.M. | JOB FINISH 2:15 A.M. |
| LEASE Hugland | WELL# 2 | LOCATION Lake City + 160, 15-1W |           |                     | COUNTY Barber         | STATE KS             |                      |

OLD OR NEW (Circle one)

|  |                           |
|--|---------------------------|
| CONTRACTOR <u>Eagle Drilling</u>       | OWNER <u>James B Read</u> |
| TYPE OF JOB <u>Rotary Plug</u>         | CEMENT                    |
| HOLE SIZE <u>7 7/8</u> T.D.            |                           |
| CASING SIZE <u>8 5/8</u> DEPTH         |                           |
| TUBING SIZE DEPTH                      |                           |
| DRILL PIPE <u>4 1/2 x-x Hole</u> DEPTH |                           |
| TOOL DEPTH                             |                           |
| PRES. MAX MINIMUM                      |                           |
| MEAS. LINE SHOE JOINT                  |                           |
| CEMENT LEFT IN CSG.                    |                           |
| PERFS.                                 |                           |

|                |                              |
|----------------|------------------------------|
| AMOUNT ORDERED | <u>135 sks. 60/40/6% Gel</u> |
|----------------|------------------------------|

|          |                 |   |             |               |
|----------|-----------------|---|-------------|---------------|
| COMMON   | <u>81</u>       | @ | <u>6.10</u> | <u>494.10</u> |
| POZMIX   | <u>54</u>       | @ | <u>3.15</u> | <u>170.10</u> |
| GEL      | <u>7</u>        | @ | <u>9.50</u> | <u>66.50</u>  |
| CHLORIDE |                 | @ |             |               |
|          |                 | @ |             |               |
|          |                 | @ |             |               |
|          |                 | @ |             |               |
|          |                 | @ |             |               |
|          |                 | @ |             |               |
| HANDLING | <u>135</u>      | @ | <u>1.05</u> | <u>141.75</u> |
| MILEAGE  | <u>135 x 15</u> |   | <u>.04</u>  | <u>81.00</u>  |

**EQUIPMENT**

|   |
|---|
| PUMP TRUCK CEMENTER <u>Harry Dreiling</u>   |
| # <u>255-265</u> HELPER <u>Carl Balding</u> |
| BULK TRUCK                                  |
| # <u>242</u> DRIVER <u>Harry Dreiling</u>   |
| BULK TRUCK                                  |
| # DRIVER                                    |

**REMARKS:**

1038w/50 sks.  
450 w/50 sks  
40' w/ 10 sks.  
ndy se hole w/ 10 sks.  
Rathole w/ 15 sks

|                   |                                      |
|-------------------|--------------------------------------|
| DEPTH OF JOB      | <u>1038</u>                          |
| PUMP TRUCK CHARGE | <u>445.00</u>                        |
| EXTRA FOOTAGE     | @                                    |
| MILEAGE           | <u>15</u> @ <u>2.35</u> <u>35.25</u> |
| PLUG              | @                                    |
|                   | @                                    |
|                   | @                                    |

TOTAL \$480.25

CHARGE TO: James B. Read Operating, Inc.  
STREET Box 638  
CITY Ordmore STATE OK ZIP 73402

**FLOAT EQUIPMENT**

|  |   |  |
|--|---|--|
|  | @ |  |
|  | @ |  |
|  | @ |  |
|  | @ |  |
|  | @ |  |

TOTAL

STATE RECEIVED #92345  
CORPORATION TOTAL  
COMMISSION

AUG 7 1995  
SERVICE 8-18-95