

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

API NO. 15-097-21407-0000 ORIGINAL

Operator: License # 3613

Name: Hallwood Petroleum, Inc.

Address 4582 S. Ulster Street Parkway, #1700

P.O. Box 378111

City/State/Zip Denver, Colorado 80237

Purchaser:

Operator Contact Person: Nonya K. Durham

Phone (303) 850-6257

Contractor: Name: Duke Drilling

License: 5929

Wellsite Geologist: James C. Musgrove

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

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

If Workover:

Operator:

Well Name:

Comp. Date Old Total Depth

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBSD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

7/28/96 8/7/96 8/27/96
Spud Date Date Reached TD Completion Date

County Kiowa

C NE SE Sec. 20 Twp. 27S Rge. 20 EW

1980 Feet from S/N (circle one) Line of Section

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

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

Lease Name H. Brensing Well # 2

Field Name Fralick, West

Producing Formation Mississippian

Elevation: Ground 2296' KB 2304'

Total Depth 5001' PBSD 4978'

Amount of Surface Pipe Set and Cemented at 413' Feet

Multiple Stage Cementing Collar Used? X Yes No

If yes, show depth set 3535' Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan ALT 1 87 3-21-97
(Data must be collected from the Reserve Pit)

Chloride content 5000 ppm Fluid volume 300 bbls

Dewatering method used natural evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

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

County Docket No.

RECEIVED
STATE CORPORATION COMMISSION

SEP 11 1996

9-11-1996

PHINNEY, KANSAS

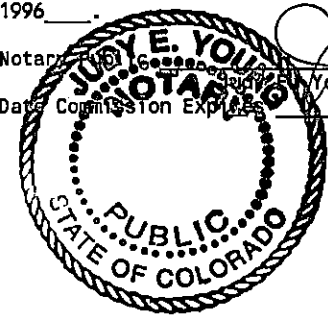
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Nonya K. Durham
Title Production Reporting Supervisor Date 9/9/96

Subscribed and sworn to before me this 9th day of September, 1996

Notary Public Judy E. Young
Date Commission Expires 4/19/97



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

Operator Name Hallwood Petroleum, Inc. Lease Name H. Brensing Well # 2

Sec. 20 Twp. 27S Rge. 20 East West County Kiowa

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:

Dual Induction Laterolog
Compensated Density Dual Spaced Neutron Log
Cement Bond Log

Log Sample
Formation (Top), Depth and Datum
Name Top Datum
Mississippian 4884' (-2,580')

| 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 |
| Surface | 12 1/4" | 8 5/8" | 23# | 413' | HLC | 245 | 3%CC1/4#Flocele |
| Production | 7 7/8" | 5 1/2" | 15.5# | 4998' | Common | 205 | 2% CC CAL SEAL HALAD-322 |
| | DV tool @ 3510' | | | | | | |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | |
|---|------------------|----------------|-------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate | | | | |
| <input type="checkbox"/> Protect Casing | | | | |
| <input type="checkbox"/> Plug Back TD | | | | |
| <input type="checkbox"/> Plug Off Zone | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|--|--|-------|
| 4 spf | 4864-84' Mississippian | 1) 1000 gal 15% FE acid on 8/13/96 | |
| | | 2) 3000 gal acid, 3000 gal gelled | |
| | | water & 20 bbls flush on 8/23/96 | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run |
|---------------|-------|--------|-----------|---|
| | 2 3/8 | 4965' | N/A | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

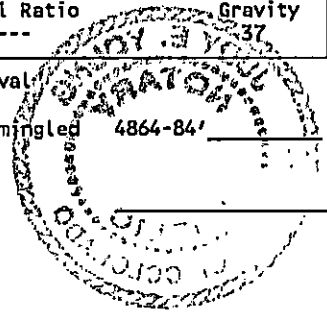
| Date of First, Resumed Production, SWD or Inj. | Producing Method |
|--|---|
| 8/27/96 | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | 11 | -0- | 4 | ---- | 37 |

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

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4864-84'

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



ORIGINAL

15-097-21407

WELL NAME: Brensing #2
COMPANY: Hallwood Petroleum Inc
LOCATION: 20-27S-20W
 Kiowa County Kansas
DATE: 08/05/96

RECEIVED
STATE CORPORATE COMMISSION

SEP 12 1996

3
20-27S-20W-21407

TEST HISTORY

9369 DST#1 BRENSING#2 HALLWOOD PETL. INC.

Flag Points
t (Min.) P (PSig)

| | | |
|----|--------|---------|
| A: | 0.00 | 2441.70 |
| B: | 0.00 | 24.92 |
| C: | 28.00 | 48.25 |
| D: | 68.00 | 413.17 |
| E: | 0.00 | 51.77 |
| F: | 88.00 | 101.80 |
| G: | 122.00 | 411.15 |
| Q: | 0.00 | 2403.43 |

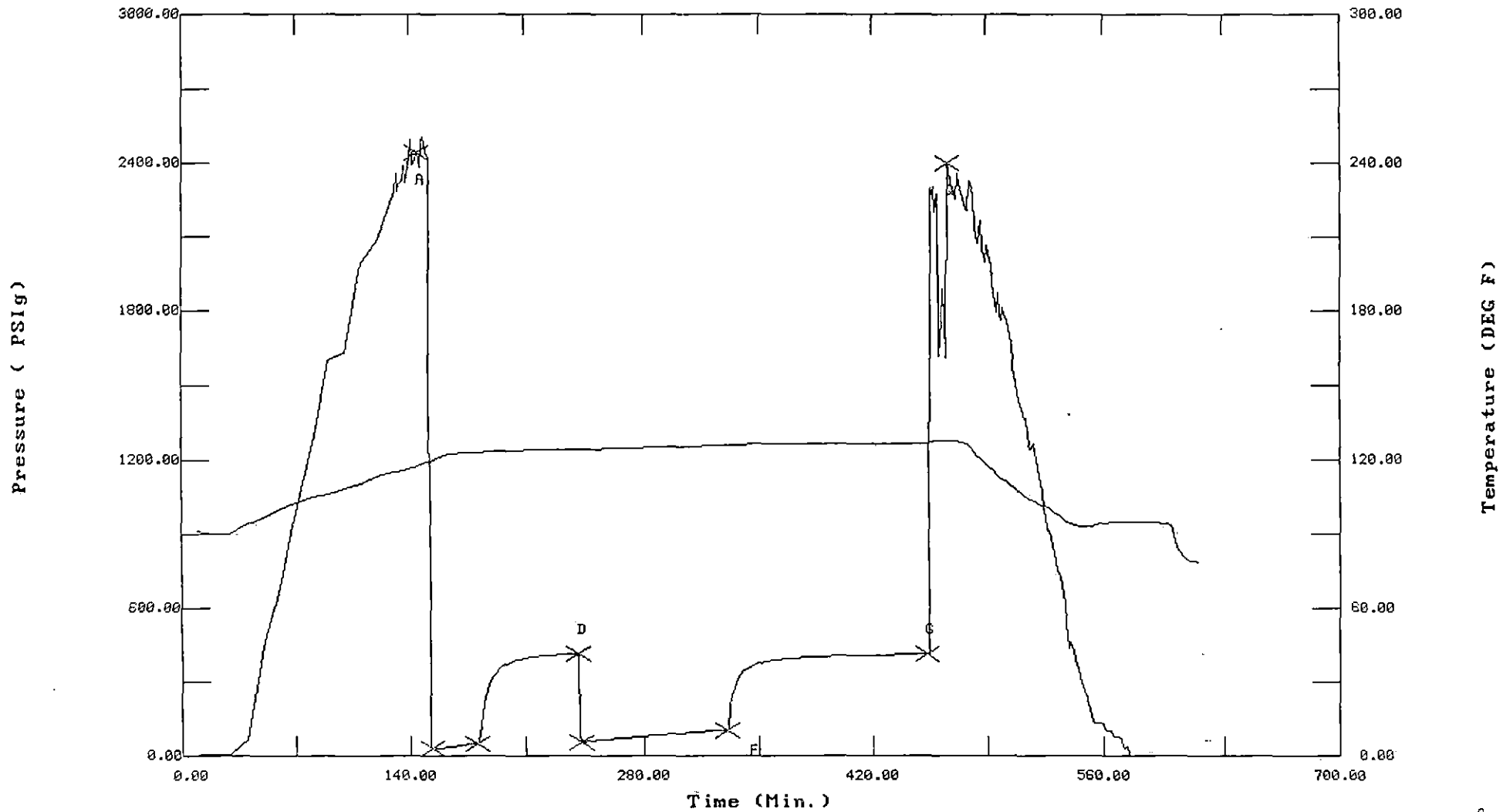
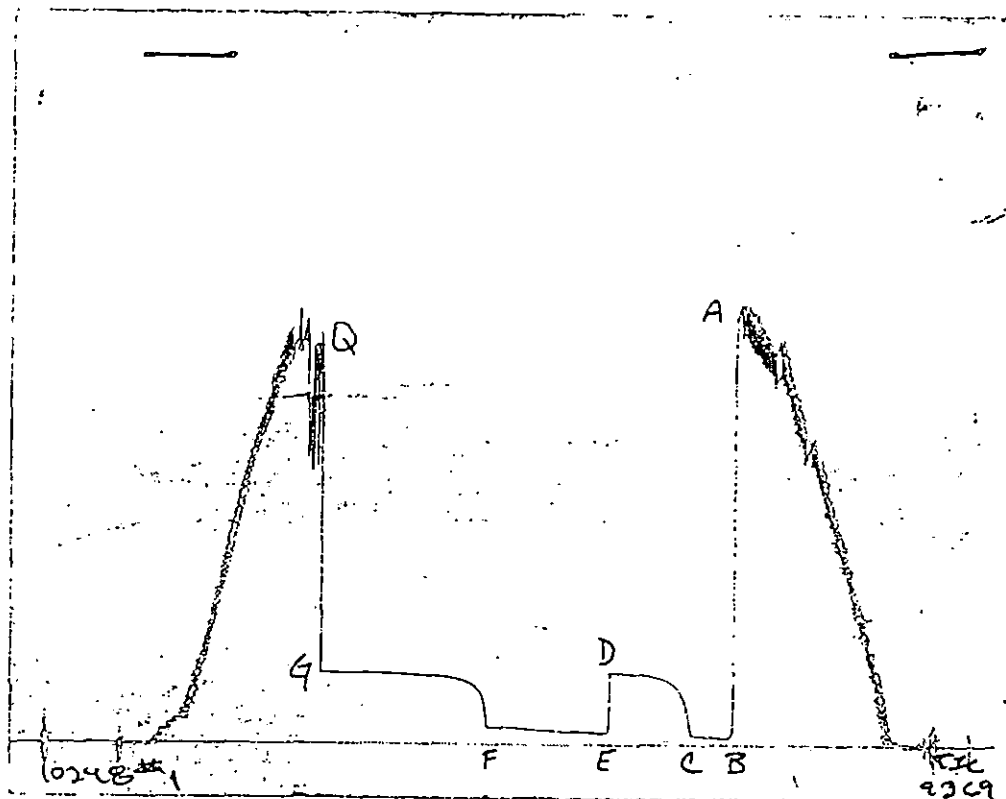


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9369 DST#1 BRENSING#2 HALLWOOD PETL. INC.

DATE: 08/05/96

TIME: 20:04:30

| | Time | Pressure PSig | delta P PSig | Temp. DEG F | (T+dT)/dT | P ² /10 ⁶ |
|----------------------|--------|------------------|-----------------|----------------|-----------|---------------------------------|
| ***** Initial Hydro. | 144.00 | 2441.7 | 0.0 | 117.43 | | |
| ***** Start Flow 1 | 0.00 | 24.9 | 0.0 | 119.53 | | |
| | 1.00 | 24.1 | -0.8 | 119.69 | | |
| | 2.00 | 25.4 | 0.5 | 119.96 | | |
| | 3.00 | 26.4 | 1.5 | 120.32 | | |
| | 4.00 | 27.0 | 2.1 | 120.71 | | |
| | 5.00 | 27.9 | 2.9 | 121.05 | | |
| | 6.00 | 28.5 | 3.6 | 121.34 | | |
| | 7.00 | 29.9 | 5.0 | 121.58 | | |
| | 8.00 | 30.9 | 6.0 | 121.78 | | |
| | 9.00 | 32.3 | 7.4 | 121.94 | | |
| | 10.00 | 33.3 | 8.4 | 122.08 | | |
| | 11.00 | 34.6 | 9.7 | 122.21 | | |
| | 12.00 | 34.7 | 9.7 | 122.31 | | |
| | 13.00 | 35.5 | 10.6 | 122.40 | | |
| | 14.00 | 36.2 | 11.3 | 122.47 | | |
| | 15.00 | 37.3 | 12.4 | 122.53 | | |
| | 16.00 | 38.2 | 13.3 | 122.59 | | |
| | 17.00 | 39.1 | 14.2 | 122.64 | | |
| | 18.00 | 40.0 | 15.1 | 122.69 | | |
| | 19.00 | 40.9 | 16.0 | 122.73 | | |
| | 20.00 | 41.5 | 16.6 | 122.77 | | |
| | 21.00 | 42.6 | 17.7 | 122.81 | | |
| | 22.00 | 43.5 | 18.6 | 122.85 | | |
| | 23.00 | 44.1 | 19.2 | 122.89 | | |
| | 24.00 | 44.8 | 19.9 | 122.92 | | |
| | 25.00 | 45.7 | 20.8 | 122.95 | | |
| | 26.00 | 46.6 | 21.7 | 122.98 | | |
| | 27.00 | 47.0 | 22.1 | 123.01 | | |
| ***** End Flow 1 | 28.00 | 48.2 | 23.3 | 123.04 | | |
| ***** Start Shutin 1 | 0.00 | 48.2 | 0.0 | 123.04 | 0.0000 | 0.002 |
| | 1.00 | 58.5 | 10.2 | 123.06 | 29.0000 | 0.003 |
| | 2.00 | 118.7 | 70.4 | 123.10 | 15.0000 | 0.014 |
| | 3.00 | 169.3 | 121.0 | 123.15 | 10.3333 | 0.029 |
| | 4.00 | 210.5 | 162.2 | 123.20 | 8.0000 | 0.044 |
| | 5.00 | 243.0 | 194.7 | 123.25 | 6.6000 | 0.059 |
| | 6.00 | 268.4 | 220.1 | 123.29 | 5.6667 | 0.072 |
| | 7.00 | 288.4 | 240.1 | 123.33 | 5.0000 | 0.083 |
| | 8.00 | 304.3 | 256.1 | 123.36 | 4.5000 | 0.093 |
| | 9.00 | 317.2 | 268.9 | 123.39 | 4.1111 | 0.101 |
| | 10.00 | 327.6 | 279.4 | 123.41 | 3.8000 | 0.107 |
| | 11.00 | 336.6 | 288.4 | 123.44 | 3.5455 | 0.113 |
| | 12.00 | 344.3 | 296.0 | 123.46 | 3.3333 | 0.119 |
| | 13.00 | 350.7 | 302.5 | 123.49 | 3.1538 | 0.123 |
| | 14.00 | 356.4 | 308.2 | 123.52 | 3.0000 | 0.127 |
| | 15.00 | 361.3 | 313.1 | 123.54 | 2.8667 | 0.131 |
| | 16.00 | 365.6 | 317.3 | 123.56 | 2.7500 | 0.134 |
| | 17.00 | 369.5 | 321.3 | 123.58 | 2.6471 | 0.137 |
| | 18.00 | 372.9 | 324.6 | 123.60 | 2.5556 | 0.139 |
| | 19.00 | 376.1 | 327.8 | 123.63 | 2.4737 | 0.141 |
| | 20.00 | 378.3 | 330.1 | 123.65 | 2.4000 | 0.143 |

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING
 EST: 9369 DST#1 BRENSING#2 HALLWOOD PETL. INC.
 ATE: 08/05/96 TIME: 20:04:30

| Time | Pressure PSIg | delta P PSIg | Temp. DEG F | (T+dT)/dT | P ² /10 ⁶ |
|---------------------|------------------|-----------------|----------------|-----------|---------------------------------|
| 21.00 | 381.1 | 332.9 | 123.67 | 2.3333 | 0.145 |
| 22.00 | 383.4 | 335.1 | 123.68 | 2.2727 | 0.147 |
| 23.00 | 385.7 | 337.5 | 123.71 | 2.2174 | 0.149 |
| 24.00 | 387.5 | 339.2 | 123.73 | 2.1667 | 0.150 |
| 25.00 | 389.3 | 341.1 | 123.75 | 2.1200 | 0.152 |
| 26.00 | 390.8 | 342.6 | 123.77 | 2.0769 | 0.153 |
| 27.00 | 392.3 | 344.0 | 123.78 | 2.0370 | 0.154 |
| 28.00 | 393.8 | 345.5 | 123.81 | 2.0000 | 0.155 |
| 29.00 | 395.1 | 346.9 | 123.83 | 1.9655 | 0.156 |
| 30.00 | 396.3 | 348.0 | 123.85 | 1.9333 | 0.157 |
| 31.00 | 397.4 | 349.1 | 123.87 | 1.9032 | 0.158 |
| 32.00 | 398.5 | 350.2 | 123.89 | 1.8750 | 0.159 |
| 33.00 | 399.6 | 351.3 | 123.90 | 1.8485 | 0.160 |
| 34.00 | 400.5 | 352.2 | 123.92 | 1.8235 | 0.160 |
| 35.00 | 401.5 | 353.3 | 123.94 | 1.8000 | 0.161 |
| 36.00 | 402.3 | 354.1 | 123.96 | 1.7778 | 0.162 |
| 37.00 | 403.2 | 354.9 | 123.97 | 1.7568 | 0.163 |
| 38.00 | 403.9 | 355.6 | 123.99 | 1.7368 | 0.163 |
| 39.00 | 404.6 | 356.4 | 124.01 | 1.7179 | 0.164 |
| 40.00 | 405.2 | 356.9 | 124.03 | 1.7000 | 0.164 |
| 41.00 | 405.8 | 357.5 | 124.05 | 1.6829 | 0.165 |
| 42.00 | 406.4 | 358.1 | 124.06 | 1.6667 | 0.165 |
| 43.00 | 406.9 | 358.6 | 124.08 | 1.6512 | 0.166 |
| 44.00 | 407.4 | 359.1 | 124.10 | 1.6364 | 0.166 |
| 45.00 | 408.0 | 359.7 | 124.11 | 1.6222 | 0.166 |
| 46.00 | 408.4 | 360.1 | 124.13 | 1.6087 | 0.167 |
| 47.00 | 408.9 | 360.6 | 124.15 | 1.5957 | 0.167 |
| 48.00 | 409.2 | 361.0 | 124.16 | 1.5833 | 0.167 |
| 49.00 | 409.6 | 361.4 | 124.19 | 1.5714 | 0.168 |
| 50.00 | 410.1 | 361.8 | 124.20 | 1.5600 | 0.168 |
| 51.00 | 410.5 | 362.2 | 124.22 | 1.5490 | 0.168 |
| 52.00 | 410.8 | 362.6 | 124.24 | 1.5385 | 0.169 |
| 53.00 | 411.2 | 362.9 | 124.26 | 1.5283 | 0.169 |
| 54.00 | 411.5 | 363.2 | 124.27 | 1.5185 | 0.169 |
| 55.00 | 411.7 | 363.5 | 124.29 | 1.5091 | 0.170 |
| 56.00 | 412.1 | 363.8 | 124.29 | 1.5000 | 0.170 |
| 57.00 | 412.2 | 364.0 | 124.31 | 1.4912 | 0.170 |
| 58.00 | 412.6 | 364.3 | 124.33 | 1.4828 | 0.170 |
| 59.00 | 412.8 | 364.6 | 124.34 | 1.4746 | 0.170 |
| 60.00 | 413.2 | 364.9 | 124.36 | 1.4667 | 0.171 |
| ***** End Shut-in 1 | | | | | |
| ***** Start Flow 2 | 0.00 | 51.8 | 0.0 | 124.35 | |
| | 1.00 | 53.0 | 1.3 | 124.30 | |
| | 2.00 | 53.7 | 1.9 | 124.28 | |
| | 3.00 | 54.5 | 2.7 | 124.24 | |
| | 4.00 | 55.7 | 3.9 | 124.23 | |
| | 5.00 | 56.8 | 5.0 | 124.23 | |
| | 6.00 | 58.2 | 6.5 | 124.23 | |
| | 7.00 | 58.4 | 6.6 | 124.25 | |
| | 8.00 | 60.1 | 8.3 | 124.26 | |
| | 9.00 | 60.9 | 9.1 | 124.29 | |
| | 10.00 | 61.8 | 10 | 124.32 | |

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9369 DST#1 BRENSING#2 HALLWOOD PETL.INC.

DATE: 08/05/96

TIME: 20:04:30

| Time | Pressure PSig | delta P PSig | Temp. DEG F | (T+dT)/dT | P ² /10 ⁶ |
|-------|------------------|-----------------|----------------|-----------|---------------------------------|
| 11.00 | 62.7 | 10.9 | 124.36 | | |
| 12.00 | 63.3 | 11.5 | 124.39 | | |
| 13.00 | 64.4 | 12.6 | 124.43 | | |
| 14.00 | 64.1 | 12.3 | 124.47 | | |
| 15.00 | 63.9 | 12.1 | 124.50 | | |
| 16.00 | 64.7 | 12.9 | 124.54 | | |
| 17.00 | 65.3 | 13.5 | 124.57 | | |
| 18.00 | 65.5 | 13.7 | 124.60 | | |
| 19.00 | 66.3 | 14.5 | 124.64 | | |
| 20.00 | 66.7 | 14.9 | 124.67 | | |
| 21.00 | 67.9 | 16.1 | 124.70 | | |
| 22.00 | 68.5 | 16.7 | 124.72 | | |
| 23.00 | 68.6 | 16.9 | 124.76 | | |
| 24.00 | 69.6 | 17.8 | 124.77 | | |
| 25.00 | 70.7 | 18.9 | 124.80 | | |
| 26.00 | 70.9 | 19.1 | 124.82 | | |
| 27.00 | 71.2 | 19.4 | 124.84 | | |
| 28.00 | 72.0 | 20.2 | 124.86 | | |
| 29.00 | 72.5 | 20.7 | 124.88 | | |
| 30.00 | 73.1 | 21.3 | 124.90 | | |
| 31.00 | 74.5 | 22.7 | 124.92 | | |
| 32.00 | 74.1 | 22.3 | 124.93 | | |
| 33.00 | 75.3 | 23.5 | 124.95 | | |
| 34.00 | 74.9 | 23.1 | 124.96 | | |
| 35.00 | 75.5 | 23.8 | 124.99 | | |
| 36.00 | 76.0 | 24.3 | 125.00 | | |
| 37.00 | 77.3 | 25.5 | 125.02 | | |
| 38.00 | 77.9 | 26.1 | 125.04 | | |
| 39.00 | 78.6 | 26.9 | 125.05 | | |
| 40.00 | 79.1 | 27.3 | 125.07 | | |
| 41.00 | 79.5 | 27.7 | 125.09 | | |
| 42.00 | 80.5 | 28.7 | 125.10 | | |
| 43.00 | 81.6 | 29.8 | 125.13 | | |
| 44.00 | 80.9 | 29.1 | 125.15 | | |
| 45.00 | 81.4 | 29.6 | 125.16 | | |
| 46.00 | 82.1 | 30.3 | 125.18 | | |
| 47.00 | 82.5 | 30.7 | 125.20 | | |
| 48.00 | 83.5 | 31.7 | 125.21 | | |
| 49.00 | 83.5 | 31.7 | 125.23 | | |
| 50.00 | 83.7 | 31.9 | 125.25 | | |
| 51.00 | 84.7 | 32.9 | 125.26 | | |
| 52.00 | 84.8 | 33.1 | 125.28 | | |
| 53.00 | 84.8 | 33.1 | 125.30 | | |
| 54.00 | 86.2 | 34.4 | 125.31 | | |
| 55.00 | 86.3 | 34.5 | 125.33 | | |
| 56.00 | 86.8 | 35.0 | 125.34 | | |
| 57.00 | 87.8 | 36.0 | 125.37 | | |
| 58.00 | 88.9 | 37.1 | 125.38 | | |
| 59.00 | 89.8 | 38.0 | 125.40 | | |
| 60.00 | 90.0 | 38.2 | 125.41 | | |
| 61.00 | 89.7 | 37.9 | 125.43 | | |

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9369 DST#1 BRENSING#2 HALLWOOD PETL.INC.

DATE: 08/05/96

TIME: 20:04:30

| | Time | Pressure PSIg | delta P PSIg | Temp. DEG F | (T+dT)/dT | P ² /10 ⁶ |
|----------------------|-------|------------------|-----------------|----------------|-----------|---------------------------------|
| | 62.00 | 90.0 | 38.2 | 125.44 | | |
| | 63.00 | 91.0 | 39.2 | 125.46 | | |
| | 64.00 | 91.1 | 39.3 | 125.48 | | |
| | 65.00 | 91.4 | 39.6 | 125.49 | | |
| | 66.00 | 91.9 | 40.1 | 125.51 | | |
| | 67.00 | 93.0 | 41.2 | 125.52 | | |
| | 68.00 | 92.8 | 41.0 | 125.54 | | |
| | 69.00 | 93.5 | 41.7 | 125.56 | | |
| | 70.00 | 93.5 | 41.7 | 125.57 | | |
| | 71.00 | 94.2 | 42.5 | 125.59 | | |
| | 72.00 | 94.9 | 43.1 | 125.61 | | |
| | 73.00 | 95.6 | 43.8 | 125.62 | | |
| | 74.00 | 96.0 | 44.2 | 125.64 | | |
| | 75.00 | 96.8 | 45.0 | 125.65 | | |
| | 76.00 | 96.8 | 45.1 | 125.67 | | |
| | 77.00 | 97.6 | 45.8 | 125.68 | | |
| | 78.00 | 97.2 | 45.4 | 125.70 | | |
| | 79.00 | 98.3 | 46.5 | 125.72 | | |
| | 80.00 | 98.3 | 46.5 | 125.73 | | |
| | 81.00 | 98.6 | 46.8 | 125.75 | | |
| | 82.00 | 99.4 | 47.7 | 125.77 | | |
| | 83.00 | 99.9 | 48.1 | 125.79 | | |
| | 84.00 | 100.1 | 48.3 | 125.80 | | |
| | 85.00 | 100.7 | 48.9 | 125.82 | | |
| | 86.00 | 101.3 | 49.5 | 125.83 | | |
| | 87.00 | 100.7 | 48.9 | 125.85 | | |
| ***** End Flow 2 | 88.00 | 101.8 | 50.0 | 125.87 | | |
| ***** Start Shutin 2 | 0.00 | 101.8 | 0.0 | 125.87 | 0.0000 | 0.010 |
| | 1.00 | 113.0 | 11.2 | 125.88 | 117.0000 | 0.013 |
| | 2.00 | 193.4 | 91.6 | 125.91 | 59.0000 | 0.037 |
| | 3.00 | 243.3 | 141.5 | 125.94 | 39.6667 | 0.059 |
| | 4.00 | 275.3 | 173.5 | 125.98 | 30.0000 | 0.076 |
| | 5.00 | 295.9 | 194.1 | 126.03 | 24.2000 | 0.088 |
| | 6.00 | 310.8 | 209.0 | 126.06 | 20.3333 | 0.097 |
| | 7.00 | 321.9 | 220.1 | 126.10 | 17.5714 | 0.104 |
| | 8.00 | 330.7 | 228.9 | 126.13 | 15.5000 | 0.109 |
| | 9.00 | 337.8 | 236.0 | 126.16 | 13.8889 | 0.114 |
| | 10.00 | 343.8 | 242.0 | 126.19 | 12.6000 | 0.118 |
| | 11.00 | 349.0 | 247.2 | 126.20 | 11.5455 | 0.122 |
| | 12.00 | 353.5 | 251.7 | 126.22 | 10.6667 | 0.125 |
| | 13.00 | 357.5 | 255.7 | 126.24 | 9.9231 | 0.128 |
| | 14.00 | 361.0 | 259.2 | 126.25 | 9.2857 | 0.130 |
| | 15.00 | 364.1 | 262.3 | 126.26 | 8.7333 | 0.133 |
| | 16.00 | 366.8 | 265.0 | 126.27 | 8.2500 | 0.135 |
| | 17.00 | 369.4 | 267.6 | 126.28 | 7.8235 | 0.136 |
| | 18.00 | 371.8 | 270.0 | 126.29 | 7.4444 | 0.138 |
| | 19.00 | 373.8 | 272.0 | 126.29 | 7.1053 | 0.140 |
| | 20.00 | 375.8 | 274.0 | 126.30 | 6.8000 | 0.141 |
| | 21.00 | 377.6 | 275.8 | 126.30 | 6.5238 | 0.143 |
| | 22.00 | 379.2 | 277.4 | 126.31 | 6.2727 | 0.144 |
| | 23.00 | 380.6 | 278.8 | 126.31 | 6.0435 | 0.145 |

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9369 DST#1 BRENSING#2 HALLWOOD PETL. INC.

DATE: 08/05/96

TIME: 20:04:30

| Time | Pressure PSig | delta P PSig | Temp. DEG F | (T+dT)/dT | P ² /10 ⁶ |
|-------|------------------|-----------------|----------------|-----------|---------------------------------|
| 24.00 | 382.0 | 280.2 | 126.32 | 5.8333 | 0.146 |
| 25.00 | 383.4 | 281.6 | 126.32 | 5.6400 | 0.147 |
| 26.00 | 384.5 | 282.7 | 126.32 | 5.4615 | 0.148 |
| 27.00 | 385.6 | 283.8 | 126.33 | 5.2963 | 0.149 |
| 28.00 | 386.6 | 284.9 | 126.33 | 5.1429 | 0.149 |
| 29.00 | 387.5 | 285.7 | 126.33 | 5.0000 | 0.150 |
| 30.00 | 388.4 | 286.6 | 126.34 | 4.8667 | 0.151 |
| 31.00 | 389.2 | 287.5 | 126.34 | 4.7419 | 0.152 |
| 32.00 | 390.1 | 288.3 | 126.34 | 4.6250 | 0.152 |
| 33.00 | 390.8 | 289.0 | 126.35 | 4.5152 | 0.153 |
| 34.00 | 391.5 | 289.7 | 126.35 | 4.4118 | 0.153 |
| 35.00 | 392.2 | 290.4 | 126.35 | 4.3143 | 0.154 |
| 36.00 | 392.9 | 291.1 | 126.36 | 4.2222 | 0.154 |
| 37.00 | 393.4 | 291.6 | 126.36 | 4.1351 | 0.155 |
| 38.00 | 394.0 | 292.2 | 126.37 | 4.0526 | 0.155 |
| 39.00 | 394.5 | 292.7 | 126.36 | 3.9744 | 0.156 |
| 40.00 | 395.1 | 293.3 | 126.37 | 3.9000 | 0.156 |
| 41.00 | 395.5 | 293.7 | 126.37 | 3.8293 | 0.156 |
| 42.00 | 396.0 | 294.2 | 126.38 | 3.7619 | 0.157 |
| 43.00 | 396.5 | 294.7 | 126.39 | 3.6977 | 0.157 |
| 44.00 | 396.9 | 295.1 | 126.39 | 3.6364 | 0.158 |
| 45.00 | 397.4 | 295.6 | 126.40 | 3.5778 | 0.158 |
| 46.00 | 397.7 | 295.9 | 126.39 | 3.5217 | 0.158 |
| 47.00 | 398.1 | 296.3 | 126.41 | 3.4681 | 0.159 |
| 48.00 | 398.5 | 296.7 | 126.40 | 3.4167 | 0.159 |
| 49.00 | 398.9 | 297.1 | 126.41 | 3.3673 | 0.159 |
| 50.00 | 399.2 | 297.4 | 126.41 | 3.3200 | 0.159 |
| 51.00 | 399.6 | 297.8 | 126.42 | 3.2745 | 0.160 |
| 52.00 | 399.9 | 298.1 | 126.41 | 3.2308 | 0.160 |
| 53.00 | 400.2 | 298.4 | 126.42 | 3.1887 | 0.160 |
| 54.00 | 400.5 | 298.7 | 126.43 | 3.1481 | 0.160 |
| 55.00 | 400.9 | 299.1 | 126.43 | 3.1091 | 0.161 |
| 56.00 | 401.2 | 299.4 | 126.43 | 3.0714 | 0.161 |
| 57.00 | 401.5 | 299.7 | 126.44 | 3.0351 | 0.161 |
| 58.00 | 401.8 | 300.0 | 126.44 | 3.0000 | 0.161 |
| 59.00 | 402.0 | 300.2 | 126.45 | 2.9661 | 0.162 |
| 60.00 | 402.3 | 300.5 | 126.45 | 2.9333 | 0.162 |
| 61.00 | 402.5 | 300.7 | 126.46 | 2.9016 | 0.162 |
| 62.00 | 402.8 | 301.0 | 126.46 | 2.8710 | 0.162 |
| 63.00 | 402.9 | 301.1 | 126.47 | 2.8413 | 0.162 |
| 64.00 | 403.3 | 301.5 | 126.47 | 2.8125 | 0.163 |
| 65.00 | 403.4 | 301.6 | 126.47 | 2.7846 | 0.163 |
| 66.00 | 403.7 | 301.9 | 126.48 | 2.7576 | 0.163 |
| 67.00 | 403.9 | 302.1 | 126.48 | 2.7313 | 0.163 |
| 68.00 | 404.2 | 302.4 | 126.49 | 2.7059 | 0.163 |
| 69.00 | 404.4 | 302.6 | 126.49 | 2.6812 | 0.164 |
| 70.00 | 404.5 | 302.7 | 126.50 | 2.6571 | 0.164 |
| 71.00 | 404.8 | 303.0 | 126.50 | 2.6338 | 0.164 |
| 72.00 | 405.0 | 303.2 | 126.51 | 2.6111 | 0.164 |
| 73.00 | 405.2 | 303.4 | 126.51 | 2.5890 | 0.164 |
| 74.00 | 405.4 | 303.6 | 126.52 | 2.5676 | 0.164 |

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9369 DST#1 BRENSING#2 HALLWOOD PETL.INC.

DATE: 08/05/96 TIME: 20:04:30

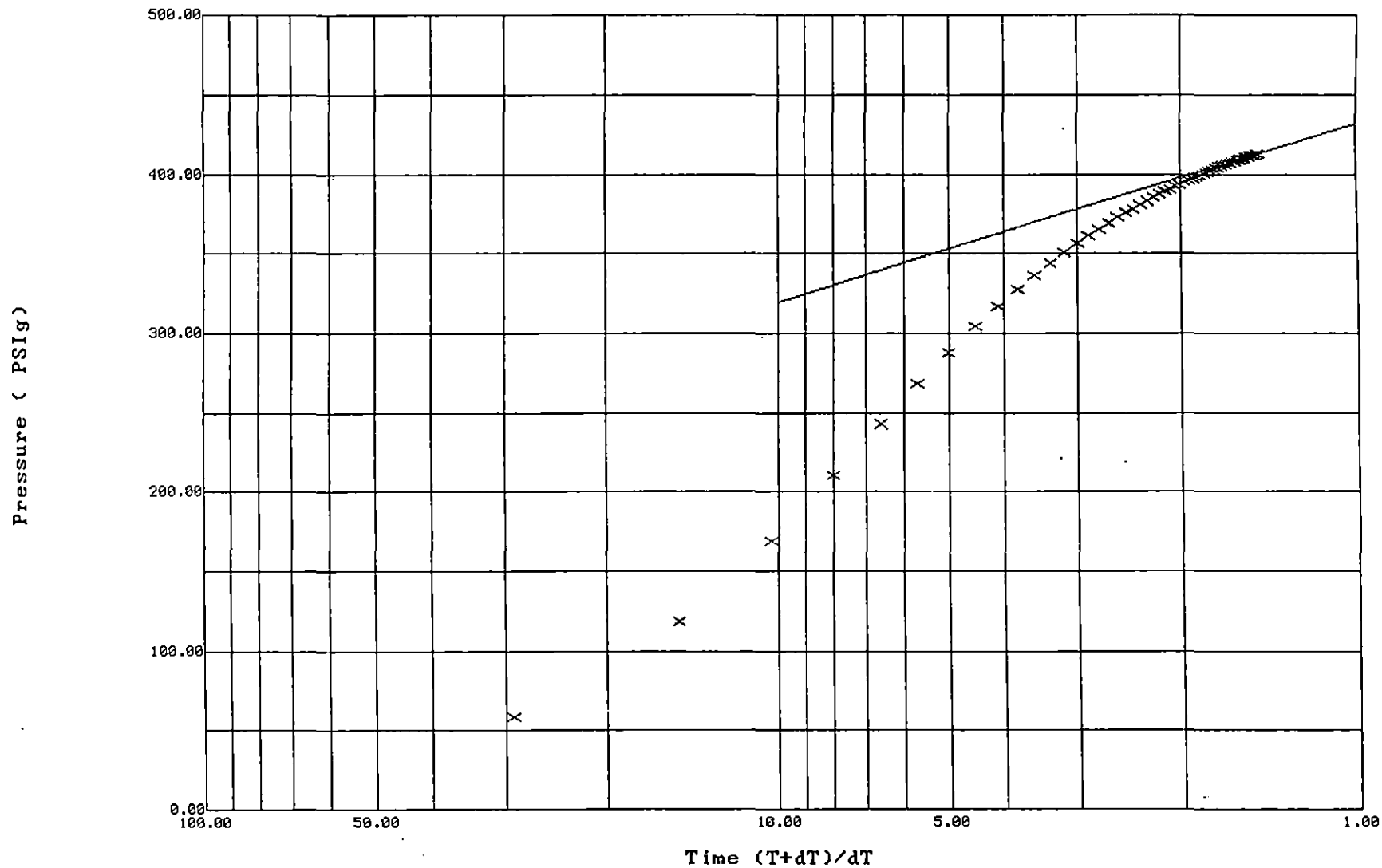
| Time | Pressure PSig | delta P PSig | Temp. DEG F | (T+dT)/dT | P^2/10^6 |
|---------------------|------------------|-----------------|----------------|-----------|----------|
| 75.00 | 405.5 | 303.7 | 126.52 | 2.5467 | 0.164 |
| 76.00 | 405.7 | 303.9 | 126.53 | 2.5263 | 0.165 |
| 77.00 | 405.9 | 304.1 | 126.53 | 2.5065 | 0.165 |
| 78.00 | 406.0 | 304.2 | 126.53 | 2.4872 | 0.165 |
| 79.00 | 406.1 | 304.3 | 126.54 | 2.4684 | 0.165 |
| 80.00 | 406.4 | 304.6 | 126.55 | 2.4500 | 0.165 |
| 81.00 | 406.5 | 304.7 | 126.55 | 2.4321 | 0.165 |
| 82.00 | 406.7 | 304.9 | 126.56 | 2.4146 | 0.165 |
| 83.00 | 406.9 | 305.1 | 126.56 | 2.3976 | 0.166 |
| 84.00 | 407.0 | 305.2 | 126.56 | 2.3810 | 0.166 |
| 85.00 | 407.1 | 305.3 | 126.55 | 2.3647 | 0.166 |
| 86.00 | 407.3 | 305.5 | 126.57 | 2.3488 | 0.166 |
| 87.00 | 407.4 | 305.6 | 126.58 | 2.3333 | 0.166 |
| 88.00 | 407.5 | 305.7 | 126.58 | 2.3182 | 0.166 |
| 89.00 | 407.7 | 305.9 | 126.59 | 2.3034 | 0.166 |
| 90.00 | 407.9 | 306.1 | 126.59 | 2.2889 | 0.166 |
| 91.00 | 408.0 | 306.2 | 126.60 | 2.2747 | 0.166 |
| 92.00 | 408.0 | 306.3 | 126.60 | 2.2609 | 0.167 |
| 93.00 | 408.2 | 306.4 | 126.60 | 2.2473 | 0.167 |
| 94.00 | 408.3 | 306.5 | 126.61 | 2.2340 | 0.167 |
| 95.00 | 408.5 | 306.7 | 126.61 | 2.2211 | 0.167 |
| 96.00 | 408.6 | 306.8 | 126.62 | 2.2083 | 0.167 |
| 97.00 | 408.7 | 306.9 | 126.63 | 2.1959 | 0.167 |
| 98.00 | 408.8 | 307.0 | 126.63 | 2.1837 | 0.167 |
| 99.00 | 408.9 | 307.1 | 126.63 | 2.1717 | 0.167 |
| 100.00 | 409.1 | 307.3 | 126.64 | 2.1600 | 0.167 |
| 101.00 | 409.1 | 307.3 | 126.64 | 2.1485 | 0.167 |
| 102.00 | 409.3 | 307.5 | 126.65 | 2.1373 | 0.168 |
| 103.00 | 409.4 | 307.6 | 126.65 | 2.1262 | 0.168 |
| 104.00 | 409.6 | 307.8 | 126.65 | 2.1154 | 0.168 |
| 105.00 | 409.6 | 307.8 | 126.66 | 2.1048 | 0.168 |
| 106.00 | 409.8 | 308.0 | 126.66 | 2.0943 | 0.168 |
| 107.00 | 409.8 | 308.0 | 126.67 | 2.0841 | 0.168 |
| 108.00 | 409.9 | 308.1 | 126.67 | 2.0741 | 0.168 |
| 109.00 | 410.0 | 308.2 | 126.68 | 2.0642 | 0.168 |
| 110.00 | 410.1 | 308.3 | 126.69 | 2.0545 | 0.168 |
| 111.00 | 410.1 | 308.4 | 126.69 | 2.0450 | 0.168 |
| 112.00 | 410.2 | 308.4 | 126.70 | 2.0357 | 0.168 |
| 113.00 | 410.4 | 308.6 | 126.70 | 2.0265 | 0.168 |
| 114.00 | 410.5 | 308.7 | 126.70 | 2.0175 | 0.169 |
| 115.00 | 410.5 | 308.7 | 126.70 | 2.0087 | 0.169 |
| 116.00 | 410.7 | 308.9 | 126.71 | 2.0000 | 0.169 |
| 117.00 | 410.7 | 308.9 | 126.72 | 1.9915 | 0.169 |
| 118.00 | 410.8 | 309.0 | 126.72 | 1.9831 | 0.169 |
| 119.00 | 410.9 | 309.1 | 126.72 | 1.9748 | 0.169 |
| 120.00 | 411.0 | 309.2 | 126.74 | 1.9667 | 0.169 |
| 121.00 | 411.1 | 309.3 | 126.74 | 1.9587 | 0.169 |
| 122.00 | 411.2 | 309.4 | 126.73 | 1.9508 | 0.169 |
| ***** End Shut-in 2 | | | | | |
| ***** Final Hydro. | 466.00 | 2403.4 | 0.0 | 127.51 | |

Horner Plot: shut-in #1

9369 DST#1 BRENSING#2 HALLWOOD PETL. INC.

Slope: 112.5926 PSig/cycle

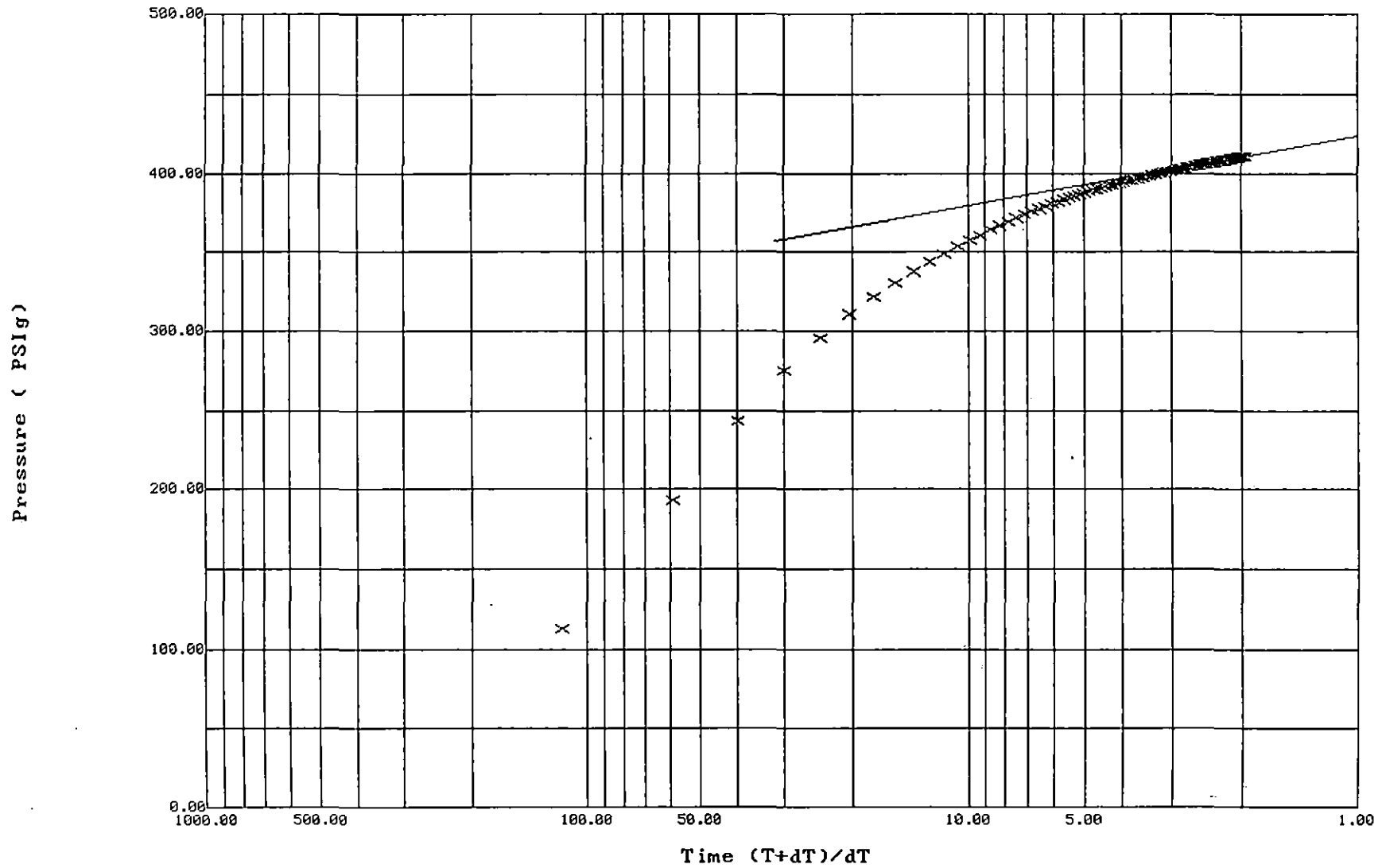
Ext. Pressure: 431.8498 PSig



Horner Plot: shut-in #2

9369 DST#1 BRENSING#2 HALLWOOD PETL. INC.

Slope: 44.4712 PSig/cycle
Ext. Pressure: 424.8477 PSig

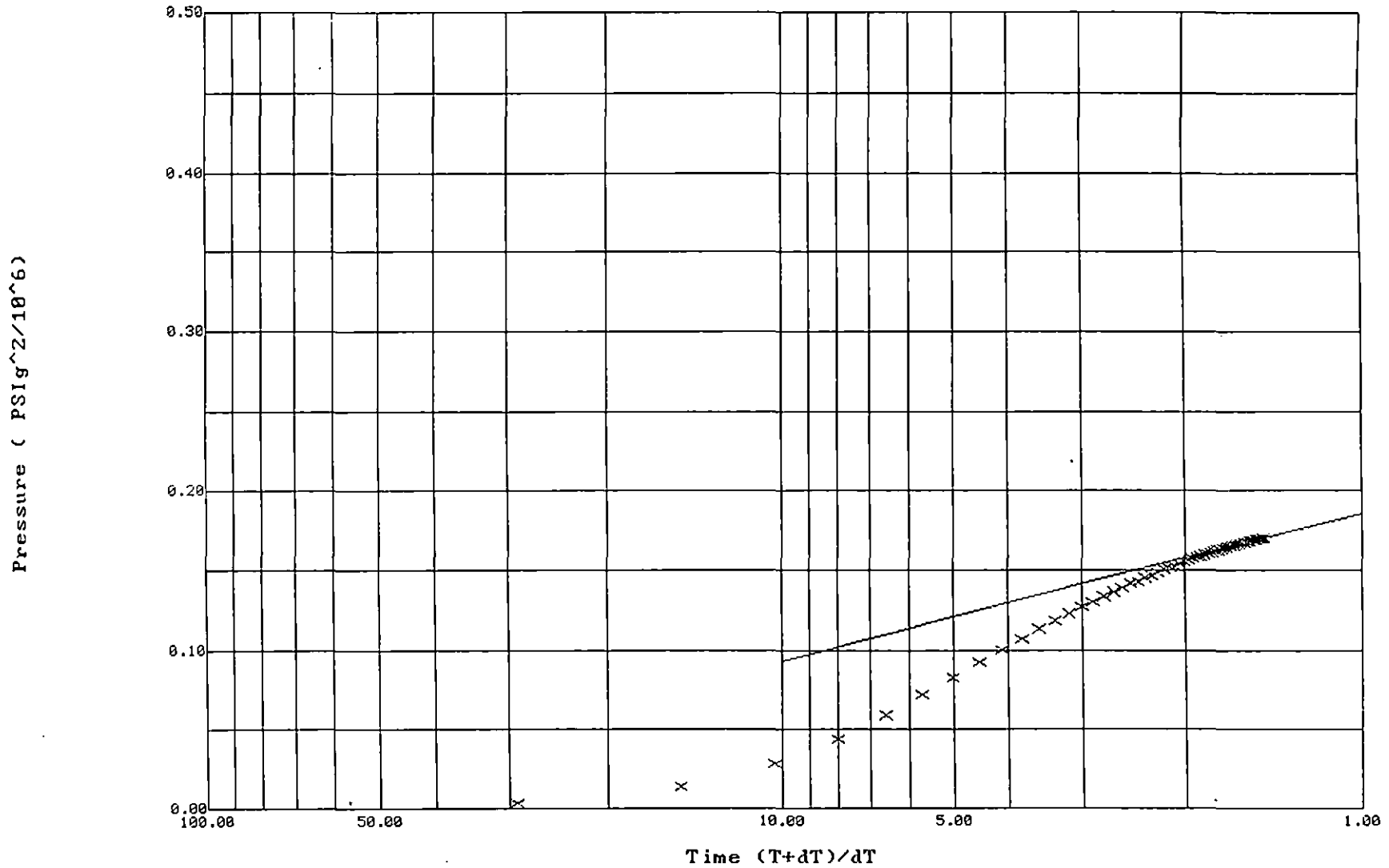


P² Horner Plot: shut-in #1

9369 DST#1 BRENSING#2 HALLWOOD PETL. INC.

Slope: 0.8935 PSig²/10⁶/cycle

Ext. Pressure: 431.5472 PSig

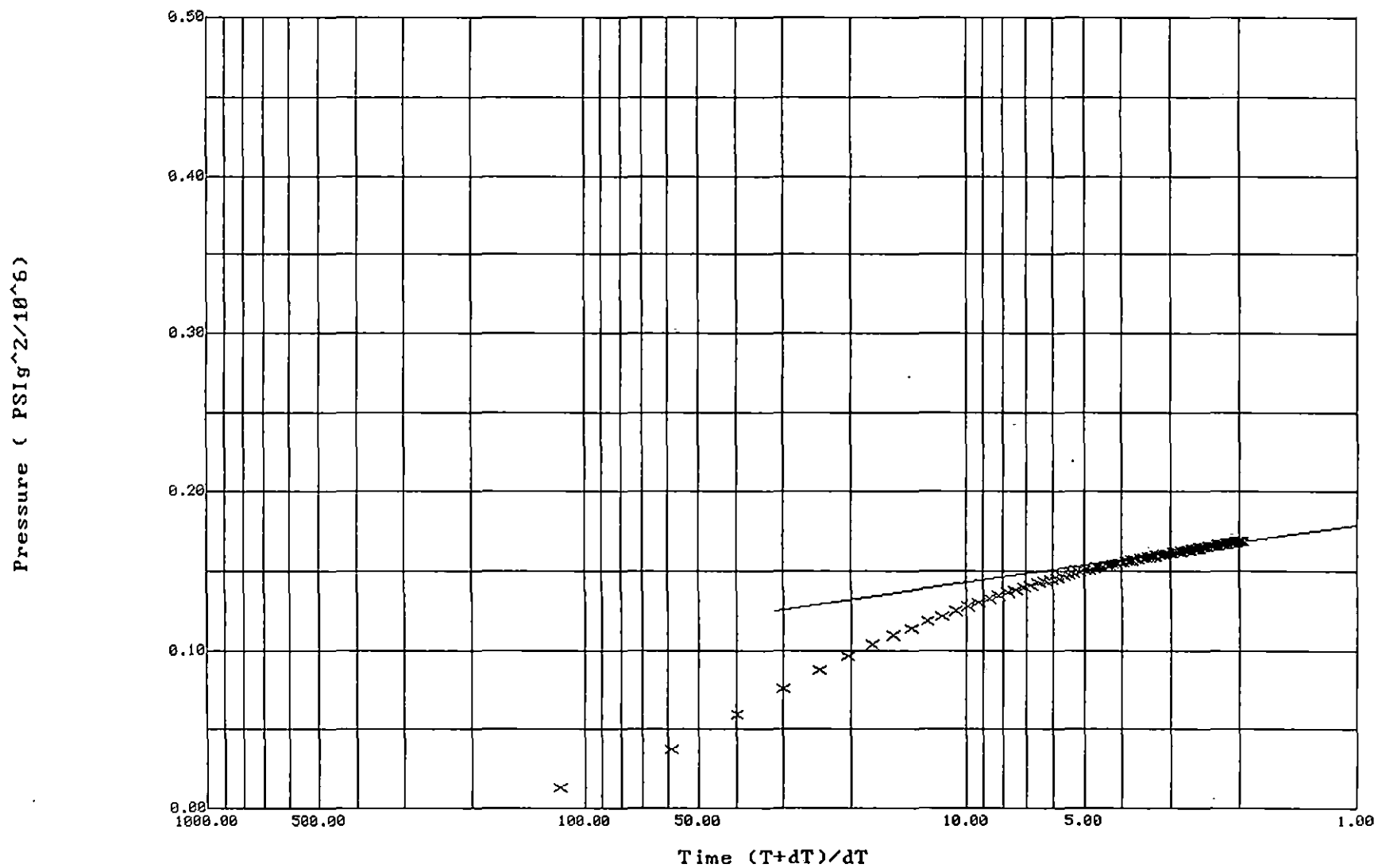


P² Horner Plot: shut-in #2

9369 DST#1 BRENSING#2 HALLWOOD PETL. INC.

Slope: 0.0361 PSig²/10⁶/cycle

Ext. Pressure: 423.6888 PSig



*** TOOL DIAGRAM *** CONVENTIONAL

WELL NAME: Brensing #2

LOCATION : 20-27S-20W

TICKET No. 9369 D.S.T. No. 1 DATE 08/05/96

TOTAL TOOL TO BOTTOM OF TOP PACKERS 27

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 21

TOTAL TOOL 48

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 48

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands 77 Single Total 4853

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4901

TOTAL DEPTH 4887

TOTAL DRILL PIPE ABOVE K.B. 14

REMARKS:

| | |
|----------------------------------|------|
| P.O. SUB | |
| C.O. SUB @TOP OF TOOL | 4839 |
| S.I. TOOL | 4845 |
| | |
| HMV | 4850 |
| JARS | 4855 |
| | |
| SAFETY JOINT | 4857 |
| PACKER | 4861 |
| PACKER | 4866 |
| DEPTH 4866 | 4618 |
| STUBB 1 FT. | 4867 |
| ANCHOR PERFS | |
| | |
| ALPINE REC.@ | 4871 |
| | |
| T.C. DEPTH | |
| | |
| 15 FT.PERFS TO | 4882 |
| | |
| AK-1 REC.@ | 4884 |
| | |
| BULLNOSE 5 FT.PERFORATED TO T.D. | 4887 |

CUSTOMER COPY



HALLIBURTON

HEMILLIO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

| | |
|-------------|------------|
| INVOICE NO. | DATE |
| 968475 | 07/29/1996 |

ORIGINAL

| | | | |
|------------------------|-----------------------|-----------------------|----------------------|
| WELL LEASE NO./PROJECT | WELL/PROJECT LOCATION | STATE | OWNER |
| BRENSING "H" 2 | KIOWA | KS | SAME |
| SERVICE LOCATION | CONTRACTOR | JOB PURPOSE | TICKET DATE |
| PRATT | DUKE DRILLING #1 | CEMENT SURFACE CASING | 07/29/1996 |
| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER |
| 455880 | GERALD ACHATZ | | |
| | | | SHIPPED VIA |
| | | | COMPANY TRUCK |
| | | | FILE NO. |
| | | | 11366 |

DIRECT CORRESPONDENCE TO:

HALLWOOD PETROLEUM, INC.
915 PATTON ROAD
GREAT BEND, KS 67530

RECEIVED
STATE CORPORATION COMMISSION

P O BOX 428
HAYS KS 67601
913-625-3431

SEP 1 1996

| REFERENCE NO. | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|---|----------------------------------|-------------|------|------------|------------|
| PRICING AREA - MID CONTINENT | | | | | |
| 000-117 | MILEAGE CEMENTING ROUND TRIP | 100 MI | | 2.99 | 299.00 |
| | | 1 UNT | | | |
| 001-016 | CEMENTING CASING | 413 FT | | 650.00 | 650.00 |
| | | 1 UNT | | | |
| 030-503 | CMTG PLUG LA-11, CP-1, CP-3, TOP | 8 5/8 IN | | 95.00 | 95.00 |
| 40 | CENTRALIZER-8-5/8 X 12-1/4 | 3 EA | | 80.00 | 240.00 |
| 806.60059 | | | | | |
| 350 | HALLIBURTON WELD-A | 1 EA | | 16.75 | 16.75 |
| 890.10802 | | | | | |
| 597 | BAFFLE PLATE - 8 5/8" ALUM | 1 EA | | 50.00 | 50.00 |
| 825.1269 | | | | | |
| 66 | CLAMP-LIMIT-8-5/8 HINGED | 1 EA | | 15.00 | 15.00 |
| 806.72050 | | | | | |
| 504-316 | CEMENT - HALL. LIGHT STANDARD | 90 SK | | 8.80 | 792.00 |
| 509-406 | ANHYDROUS CALCIUM CHLORIDE | 2 SK | | 40.75 | 81.50 |
| 507-210 | FLOCELE | 25 LB | | 1.65 | 41.25 |
| 504-308 | CEMENT - STANDARD | 155 SK | | 9.57 | 1,483.35 |
| 509-406 | ANHYDROUS CALCIUM CHLORIDE | 4 SK | | 40.75 | 163.00 |
| 507-210 | FLOCELE | 39 LB | | 1.65 | 64.35 |
| 500-207 | BULK SERVICE CHARGE | 263 CFT | | 1.35 | 355.05 |
| 500-306 | MILEAGE CMTG MAT DEL OR RETURN | 568.743 TMT | | 1.05 | 597.18 |
| INVOICE SUBTOTAL | | | | | 4,943.43 |
| DISCOUNT-(BID) | | | | | 1,483.00- |
| INVOICE BID AMOUNT | | | | | 3,460.43 |
| *- KANSAS STATE SALES TAX | | | | | 137.02 |
| *- PRATT COUNTY SALES TAX | | | | | 27.97 |
| INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> | | | | | \$3,625.42 |

APPX JOB TRK

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

FORM HAL-1900-F

PAGE: 1



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

30

CHARGE TO:
HALLWOOD PETROLEUM, INC.
 ADDRESS
 CITY, STATE, ZIP CODE

CUSTOMER COPY

No. **968475 - 2**
 TICKET
 PAGE 2

| | | | | | | | |
|---|---|--|--------------------------------|---|----------------------------------|------------------------|-----------------------|
| 1. SERVICE LOCATIONS ADW/25555 | WELL/PROJECT NO. PZ | LEASE BLENSING "H" | COUNTY/PARISH KROWLA | STATE LA. | CITY/OFFSHORE LOCATION | DATE 7-29-96 | OWNER SITHI |
| 2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES | NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | CONTRACTOR DUKE DEC | RIG NAME/NO. #1 | SHIPPED VIA P.T. | DELIVERED TO WELL SITE | ORDER NO. | |
| 3. WELL TYPE CI | WELL CATEGORY CI | JOB PURPOSE OLD UNIT SURVEILL. | WELL PERMIT NO. | WELL LOCATION Liamid 20-275-200 | | | |
| 4. REFERRAL LOCATION | INVOICE INSTRUCTIONS APJ # 15097214070000 | | | | | | |

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | DESCRIPTION | QTY. | U/M | QTY. | U/M | UNIT PRICE | AMOUNT |
|-----------------|----------------------------------|------------|------|----|---------------------------|------|-------|------|-----|------------|--------|
| | | LOC | ACCT | DF | | | | | | | |
| 000-117 | | 1 | | | MILEAGE 1 UNIT R.T. | 100 | miles | | | 2.99 | 299.00 |
| 001-016 | | 1 | L | | PUMP CHANGE | 6 | hrs | 413 | hr | 6.50 | 650.00 |
| 030-503 | | 1 | A | | 100' PLUC 20HP (1-1 WOOD) | 1 | hr | 878 | hr | 95 | 95.00 |
| 40 | 806.60059 | 1 | Z | | CONTROL WELD | 3 | hr | 818 | hr | 80 | 240.00 |
| 350 | 890.10802 | 1 | G | | HALLIBURTON WELD-H | 1 | hr | | | 16.75 | 16.75 |
| 597 | 825.1269 | 1 | | | BARREL PLATE ALUM. | 1 | hr | 878 | hr | 50 | 50.00 |
| 66 | 806.72050 | 1 | DRID | | LEAK TEST CLAMP | 1 | hr | 878 | hr | 15 | 15.00 |

RECEIVED
 CORPORATION COMMISSION
 SEP 1 1996
 STATE OF KANSAS

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

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

DATE SIGNED: **7-29-96** TIME SIGNED: **0400**
 A.M. P.M.
 do do not require IPC (Instrument Protection). Not offered

| | | | | | | | | |
|--|-----------------|--|---|-------|------------|-----------|------------|--------|
| SUB SURFACE SAFETY VALVE WAS: <input type="checkbox"/> PULLED & RETURN. <input type="checkbox"/> PULLED <input checked="" type="checkbox"/> RUN | | SURVEY | | AGREE | UN-DECIDED | DIS-AGREE | PAGE TOTAL | 136575 |
| TYPE LOCK | DEPTH | OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? | | | | | | |
| BEAN SIZE | SPACERS | WE UNDERSTOOD AND MET YOUR NEEDS? | | | | | | |
| TYPE OF EQUALIZING SUB. | CASING PRESSURE | OUR SERVICE WAS PERFORMED WITHOUT DELAY? | | | | | | |
| TUBING SIZE | TUBING PRESSURE | WELL DEPTH | WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? | | | | | |
| TREE CONNECTION | TYPE VALVE | | ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO | | | | | |
| | | | <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND | | | | | |

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

| | | | | |
|---|--|--|-------|--|
| CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) GERALD ACHAZI | CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X [Signature] | HALLIBURTON OPERATOR/ENGINEER Kil. Gaudley 00500 | EMP # | HALLIBURTON APPROVAL [Signature] |
|---|--|--|-------|--|

FROM CONTINUATION PAGES 1
 SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE
4943.43



HALLIBURTON

TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 968475

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER: Hallwood Petroleum Brensing "H" #2
DATE: 7-28-96
PAGE 2 OF 2

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | DESCRIPTION | WELL | | DATE | PAGE | OF | UNIT PRICE | AMOUNT |
|-------------------------------|-------------------------------------|------------|------|----|--|---------|-----|------|------|----|------------|---------|
| | | LOC | ACCT | DF | | QTY. | U/M | | | | | |
| 504-316 | | 1 | | | Hake light Std | 90 | SKS | | | | 8.80 | 792.00 |
| 509-406 | 890.50812 | 1 | | | Calcium Chloride Blended 3% ^o | 2 | SKS | | | | 40.75 | 81.50 |
| 507-210 | 890.50071 | 1 | | | Floccle Blended 1/4 [#] | 25 | lbs | | | | 1.65 | 41.25 |
| Loaded on TRK. # 7488 - Front | | | | | | | | | | | | |
| 504-308 | 516.00261 | 1 | | | Standard Cement | 155 | SKS | | | | 9.57 | 1483.35 |
| 509-406 | 890.50812 | 1 | | | Calcium Chloride Blended 3% ^o | 4 | SKS | | | | 40.75 | 163.00 |
| 507-210 | 890.50071 | 1 | | | Floccle Blended 1/4 [#] | 39 | lbs | | | | 1.65 | 64.35 |
| Loaded on TRK. # 7488 Back | | | | | | | | | | | | |
| ORIGINAL | | | | | | | | | | | | |
| 500-207 | | 1 | | | SERVICE CHARGE | | | | | | | |
| 500-306 | | 1 | | | MILEAGE CHARGE | | | | | | | |
| | | | | | TOTAL WEIGHT | 23,214 | | | | | | |
| | | | | | LOADED MILES | 49 | | | | | | |
| | | | | | CUBIC FEET | 263 | | | | | 1.35 | 355.05 |
| | | | | | TON MILES | 568.743 | | | | | 1.05 | 597.18 |

RECEIVED
STATE CORPORATION COMMISSION
SEP 1 1996
WICHITA, KANSAS

No. B 325554

CONTINUATION TOTAL 3577.68



HALLIBURTON

JOB SUMMARY

DIVISION HALLIBURTON LOCATION

WELL DATA

BILLED ON TICKET NO. 965475

FIELD _____ SEC 20 TWP 27S RNG 20W COUNTY KEOWEE 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 _____

Table with columns: NEW USED, WEIGHT, SIZE, FROM, TO, MAXIMUM PSI ALLOWABLE. Rows: CASING, LINER, TUBING, OPEN HOLE, PERFORATIONS. Includes handwritten 'ORIGINAL' stamp.

TOOLS AND ACCESSORIES

Table with columns: TYPE AND SIZE, QTY, MAKE. Rows: FLOAT COLLAR, BUFFER PLATE, FLOAT SHOE, GUIDE SHOE, CENTRALIZERS, BOTTOM PLUG, TOP PLUG, HEAD, PACKER, OTHER.

Table with columns: CALLED OUT, ON LOCATION, JOB STARTED, JOB COMPLETED. Includes dates and times for each stage.

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. _____
PERFPAC BALLS TYPE _____ QTY _____

Table with columns: NAME, UNIT NO. & TYPE, LOCATION. Includes 'RECEIVED STATE CORPORATION COMMISSION' stamp dated SEP 11 1996.

CEMENT DATA

Table with columns: STAGE, NUMBER OF SACKS, CEMENT, BRAND, BULK SACKED, ADDITIVES, YIELD CU.FT./SK., MIXED LBS./GAL. Includes handwritten entries for HLC and STANDARD cements.

PRESSURES IN PSI: CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM _____
AVERAGE _____ FRACTURE GRADIENT _____
SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN _____
HYDRAULIC HORSEPOWER _____
AVERAGE RATES IN BPM: ORDERED _____ AVAILABLE _____ USED _____
TREATING _____ DISPL _____ OVERALL _____
CEMENT LEFT IN PIPE: FEET 28.94 REASON BUFFER PLATE

DEPARTMENT _____
DESCRIPTION OF JOB _____
JOB DONE THRU: TUBING [] CASING [x] ANNULUS [] TBG./ANN. []

CUSTOMER REPRESENTATIVE [X] H. COODLEY

CUSTOMER: HALLIBURTON #21
LEASE: BOWENSTOCK #4
WELL NO: BZ
JOB TYPE: OMI SURF. PSL
DATE: 7-29-96



JOB LOG HAL-2013-C

CUSTOMER: HALLWOOD PET. WELL NO.: #2 LEASE: BREWSTER "A" UNIT. SURF. SEC. JOB TYPE: TICKET NO.: 968475

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|---|
| | | | | T | C | TUBING | CASING | |
| 1 | 1800 | | | | | | | PULLED OUT 7-28-96 |
| | 2130 | | | | | | | ON LOCATION W/TKS. 7-28-96 |
| | | | | | | | | ORIGINAL PTC DRILLING DRILL 12 1/4" HOLE TO 418' TOP 128' DRILLED THRU SAND. RUN 413' 23" 8 7/8" CASING. RUN BAFFLE PLATE IN 1st JOINT AND HOWCO WELD 1st JOINT. CENTRALIZER 10' UP ON 1st JOINT WITH CARPET PLUMP. CENTRALIZER ON COLLARS |
| | | | | | | | | CASING ON BOTTOM, BREAK CIRC. WITH WILD PUMP. Hook up Howco to casing. |
| | 0315 | | | | | | | PUMP 5661 H ₂ O |
| | 0318 | 6 | 5 | - | | 200 | | START MIX LEAD CEMENT |
| | 0320 | 6 | 0 | - | | 200 | | (90 SLS. HCC) |
| | | 6 | 32 | | | | | FINISH MIX LEAD CEMENT |
| | | 6 | 32 | | | | | START MIX TRAIL CEMENT |
| | | | | | | | | (155 SLS. STANDARD) |
| | 0330 | 6 | 64 | - | | 200 | | FINISH MIX TRAIL CEMENT SHUT DOWN |
| | | | | | | | | RELEASE TOP PLUG |
| | 0331 | 6 | 0 | - | | 50 | | START DISP. |
| | | 1 | 23 | - | | 125 | | SLOW RATE |
| | 0336 | 1 | 24 1/2 | - | | 300 | | PLUG DOWN CIRC. 30 SLS. CEMENT TO PPT. SHUT ON |
| | | | | | | | | WASH UP - PACK UP JOB COMPLETE |
| | 0430 | | | | | | | THANKS HENRY |

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SEP 1 1996

ST. LOUIS, MISSOURI

CUSTOMER COPY



HALLIBURTON

ORIGINAL

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

INVOICE

| INVOICE NO. | DATE |
|-------------|------------|
| 968521 | 08/07/1996 |

| | | | | | |
|------------------------|----------------|-----------------------|--------------------------|---------------|-------------|
| WELL LEASE NO./PROJECT | | WELL/PROJECT LOCATION | | STATE | OWNER |
| BRENSING 2 | | KIOWA | | KS | SAME |
| SERVICE LOCATION | CONTRACTOR | | JOB PURPOSE | | TICKET DATE |
| FRATT | DUKE DRILLING | | CEMENT PRODUCTION CASING | | 08/07/1996 |
| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER | SHIPPED VIA | FILE NO. |
| 555880 | GERALD ACHTZ | | | COMPANY TRUCK | 11988 |

DIRECT CORRESPONDENCE TO:

HALLWOOD PETROLEUM, INC.
915 PATTON ROAD
GREAT BEND, KS 67530

P O BOX 428
HAYS KS 67601
913-625-3431

| REFERENCE NO. | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|------------------------------|--------------------------------|----------|------|------------|----------|
| PRICING AREA - MID CONTINENT | | | | | |
| 000-117 | MILEAGE CEMENTING ROUND TRIP | 100 MI | | 2.99 | 299.00 |
| | | 1 UNT | | | |
| 001-016 | CEMENTING CASING | 4997 FT | | 1,820.00 | 1,820.00 |
| | | 1 UNT | | | |
| 007-161 | MULT STAGE CEMENTING-ADD STAGE | 1 STG | | 1,550.00 | 1,550.00 |
| | | 1 UNT | | | |
| 26 | SERVICE CHG. MEAS. EQUIP. | 1 EA | | 350.00 | 350.00 |
| 847.6318 | | | | | |
| 75 | PLUG SET - FREE FALL - 5-1/2 8 | 1 FA | | 840.00 | 840.00 |
| 813.16511 | | | | | |
| 71 | CEMENTER-TYPE P ES 5-1/2 6RD | 1 EA | | 2,450.00 | 2,450.00 |
| 813.56325 | | | | | |
| 320 | BASKET-CMT-5 1/2 CSG X 17"OD- | 2 EA | | 104.00 | 208.00 |
| 806.71430 | | | | | |
| 40 | CENTRALIZER-5-1/2 X 7-7/8 | 15 EA | | 60.00 | 900.00 |
| 806.60022 | | | | | |
| 66 | CLAMP-LIMIT-5-1/2 HINGED | 1 EA | | 11.00 | 11.00 |
| 806.72030 | | | | | |
| 350 | HALLIBURTON WELD-A | 2 EA | | 16.75 | 33.50 |
| 890.10802 | | | | | |
| 018-317 | SUPER FLUSH | 20 SK | | 100.00 | 2,000.00 |
| 218-758 | ANHIB II | 5 GAL | | 39.00 | 195.00 |
| 504-280 | MIDCON-2 STANDARD CEMENT | 85 SK | | 12.76 | 1,084.60 |
| 509-406 | ANHYDROUS CALCIUM CHLORIDE | 2 SK | | 40.75 | 81.50 |
| 507-775 | HALAD-322 | 40 LB | | 7.00 | 280.00 |
| 504-308 | CEMENT - STANDARD | 120 SK | | 9.57 | 1,148.40 |
| 508-291 | GILSONITE BULK | 600 LB | | .40 | 240.00 |
| 508-127 | CAL SEAL 60 | 6 SK | | 25.90 | 155.40 |
| 509-968 | SALT | 1000 LB | | .15 | 150.00 |
| 507-775 | HALAD-322 | 85 LB | | 7.00 | 595.00 |
| 504-280 | MIDCON-2 STANDARD CEMENT | 200 SK | | 12.76 | 2,552.00 |
| 509-406 | ANHYDROUS CALCIUM CHLORIDE | 4 SK | | 40.75 | 163.00 |

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SEP 11 1996

WICHITA, KANSAS

***** CONTINUED ON NEXT PAGE *****

APPX JOB PKT

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

REMIT TO:
P.O. BOX 951046
DALLAS, TX 75395-1046

CUSTOMER COPY



HALLIBURTON ORIGINAL

INVOICE

| | |
|-------------|------------|
| INVOICE NO: | DATE: |
| 968521 | 08/07/1996 |

| | | | | | |
|------------------------|----------------|--------------------------|----------------------|---------------|----------|
| WELL LEASE NO./PROJECT | | WELL/PROJECT LOCATION | | STATE | OWNER |
| BRENSING 2 | | KTOWA | | KS | SAME |
| SERVICE LOCATION | CONTRACTOR | JOB PURPOSE | | TICKET DATE | |
| PRATT | DURE DRILLING | CEMENT PRODUCTION CASING | | 08/07/1996 | |
| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER | SHIPPED VIA | FILE NO. |
| 355880 | GERALD ACHATZ | | | COMPANY TRUCK | 11988 |

DIRECT CORRESPONDENCE TO:

HALLWOOD PETROLEUM, INC.
915 PATTON ROAD
GREAT BEND, KS 67530

P O BOX 428
HAYS KS 67601
913-625-3431

| REFERENCE NO. | DESCRIPTION | QUANTITY | UOM | UNIT PRICE | AMOUNT |
|---------------|---------------------------------|----------|-----|------------|----------|
| 502-775 | HALAD-322 | 94 | LB | 7.00 | 658.00 |
| 504-308 | CEMENT - STANDARD | 50 | SK | 9.57 | 478.50 |
| 509-406 | ANHYDROUS CALCIUM CHLORIDE | 1 | SK | 40.75 | 40.75 |
| 500-207 | BULK SERVICE CHARGE | 524 | CFY | 1.35 | 707.40 |
| 500-306 | MILEAGE CHRG MAT DEL OR RETURN | 1150.275 | TM1 | 1.05 | 1,207.79 |
| 314-163 | CLAYFIX 11 | 5 | GAL | 28.00 | 140.00 |
| 27 | FILL-UP UNIT #5 1 1/2" - 6 5/8" | 1 | EA | 69.00 | 69.00 |
| 815.19313 | | | | | |
| 313-396 | BE-6 | 1 | LB | 70.00 | 70.00 |

| | |
|--------------------------|-----------|
| INVOICE SUBTOTAL | 20,477.84 |
| DISCOUNT-(BID) | 6,143.34- |
| INVOICE BID AMOUNT | 14,334.50 |
| *-KANSAS STATE SALES TAX | 488.91 |
| *-PRATT COUNTY SALES TAX | 99.78 |

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STATE CORPORATION COMMISSION
SEP 11 1996
REGISTRATION DIVISION
WICHITA, KANSAS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT = =====> \$14,923.19

FORM HAL-1900-F
TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid amount plus all collection and court costs.



HALLIBURTON ENERGY SERVICES

HAL-1906-N

CHARGE TO: Hallwood Petroleum
 ADDRESS:
 CITY, STATE, ZIP CODE:

DUNCAN COPY

TICKET

No. 968521 - 4

PAGE 1 OF 3

| | | | | | | | |
|---|--|---|--------------------------------|--------------------------|------------------------------|----------------------------|----------------------|
| SERVICE LOCATIONS 1. <u>Pratt KS</u> | WELL/PROJECT NO. <u>#2</u> | LEASE <u>Brensing</u> | COUNTY/PARISH <u>Kiowa</u> | STATE <u>KS</u> | CITY/OFFSHORE LOCATION | DATE <u>8.7.96</u> | OWNER <u>Same</u> |
| 2. | TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES | NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | CONTRACTOR <u>Duke Drlg</u> | RIG NAME/NO <u>#1</u> | SHIPPED VIA <u>Howco</u> | DELIVERED TO <u>Loc</u> | ORDER NO. |
| 3. | WELL TYPE | WELL CATEGORY <u>01</u> | JOB PURPOSE <u>035</u> | WELL PERMIT NO. | WELL LOCATION <u>Land</u> | | |
| 4. REFERRAL LOCATION | INVOICE INSTRUCTIONS <u>API# 15097214070000</u> | | | | | | |

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | DESCRIPTION | QTY. | U/M | QTY. | U/M | UNIT PRICE | AMOUNT |
|-----------------|-------------------------------------|------------|-----------------|----|---|-------------|------------|------------|------------|---------------|---------------|
| | | LOC | ACCT | DF | | | | | | | |
| <u>000.117</u> | | <u>1</u> | | | MILEAGE <u>53387# RD TP</u> | <u>1</u> | <u>Trk</u> | <u>100</u> | <u>mi</u> | <u>2.99</u> | <u>299 -</u> |
| <u>001.016</u> | | <u>1</u> | <u>ORIGINAL</u> | | Pump Charge <u>1 Trk</u> | <u>4997</u> | <u>ft</u> | <u>6</u> | <u>hrs</u> | <u>1820 -</u> | <u>1820 -</u> |
| <u>007.161</u> | | <u>1</u> | <u>ORIGINAL</u> | | Additional Stage <u>1 Trk 2nd Stage</u> | | | | | <u>1550 -</u> | <u>1550 -</u> |
| <u>24.A</u> | <u>813.16511</u> | <u>1</u> | <u>ORIGINAL</u> | | Insert Valve Float Shoe | <u>1</u> | <u>lra</u> | <u>5</u> | <u>1/2</u> | <u>350 -</u> | <u>350 -</u> |
| <u>75</u> | <u>813.16511</u> | <u>1</u> | <u>ORIGINAL</u> | | Free Fall Plug Set Latch Down | <u>1</u> | <u>lra</u> | <u>5</u> | <u>1/2</u> | <u>840 -</u> | <u>840 -</u> |
| <u>71</u> | <u>813.56325</u> | <u>1</u> | <u>ORIGINAL</u> | | Type P Cementer | <u>1</u> | <u>lra</u> | <u>5</u> | <u>1/2</u> | <u>2450 -</u> | <u>2450 -</u> |
| <u>320</u> | <u>806.71430</u> | <u>1</u> | <u>ORIGINAL</u> | | Cmt Basket | <u>2</u> | <u>lra</u> | <u>5</u> | <u>1/2</u> | <u>104 -</u> | <u>208 -</u> |
| <u>40</u> | <u>806.60022</u> | <u>1</u> | | | Centralizer's <u>5</u> | <u>19</u> | <u>lra</u> | <u>5</u> | <u>1/2</u> | <u>60 -</u> | <u>900 -</u> |
| <u>66</u> | <u>806.72030</u> | <u>1</u> | | | Limit Clamp | <u>1</u> | <u>lra</u> | <u>5</u> | <u>1/2</u> | <u>11 -</u> | <u>11 -</u> |
| <u>350</u> | <u>890.10802</u> | <u>1</u> | | | weld-A | <u>2</u> | <u>lra</u> | <u>2</u> | <u>lbs</u> | <u>16.75</u> | <u>33.50</u> |
| <u>018.317</u> | | <u>1</u> | | | Super Flush | <u>20</u> | <u>sk</u> | <u>840</u> | <u>gal</u> | <u>100 -</u> | <u>2000 -</u> |
| <u>218.758</u> | | <u>1</u> | | | Anhib II | <u>5</u> | <u>gal</u> | | | <u>39 -</u> | <u>195 -</u> |

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

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

X Harold Achat
 DATE SIGNED 8.7.96 TIME SIGNED 0900
 A.M.
 P.M.

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

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED RUN

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

SURVEY

AGREE UN-DECIDED DIS-AGREE

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO

CUSTOMER DID NOT WISH TO RESPOND

| | | |
|---|-----------------|----------------|
| PAGE TOTAL | <u>10,556</u> | <u>50</u> |
| FROM CONTINUATION PAGE(S) | <u>279</u> | <u>-</u> |
| Bulk Trk | <u>B-325565</u> | <u>9542 34</u> |
| SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE | <u>20,497</u> | <u>84</u> |

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

| | | | | |
|--|---|---|-----------------------|--|
| CUSTOMER OR CUSTOMER'S AGENT (PLEASE PRINT) <u>Harold Achat</u> | CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) X <u>Harold Achat</u> | HALLIBURTON OPERATOR/ENGINEER <u>David L Scott</u> | EMP # <u>B9475</u> | HALLIBURTON APPROVAL <u>D L Scott</u> |
|--|---|---|-----------------------|--|



HALLIBURTON

TICKET CONTINUATION

FIELD COPY

TICKET No. 968521

HALLIBURTON ENERGY SERVICES

FORM 1911 R-10

CUSTOMER: Hallwood Petroleum, WELL: Brensing H" #2, DATE: 8-7-96, PAGE: 2 OF 2

Table with columns: PRICE REFERENCE, SECONDARY REFERENCE/PART NUMBER, ACCOUNTING (LOC, ACCT, DF), DESCRIPTION, QTY., U/M, UNIT PRICE, AMOUNT. Includes entries for Mid Con-2 Std, Calcium Chloride BLD 2% and 5%, Haled-322 BLD .5%, Standard Cement, Gilsomite BLD 5#, Calseal BLD 5%, Salt BLD 18%, and various service charges.

RECEIVED STATE CORPORATION COMMISSION SEP 1 1996

DIVISION WICHITA, KANSAS

No. B 325565

CONTINUATION TOTAL 9542.34



HALLIBURTON

JOB SUMMARY

HALLIBURTON DIVISION Mid Cont
HALLIBURTON LOCATION Pratt KS

BILLED ON TICKET NO. 968521

WELL DATA

FIELD _____ SEC 20 TWP 27 RNG 20 COUNTY Kiowa 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 Type P MSC SET AT 3535
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

| | NEW USED | WEIGHT | SIZE | FROM | TO | MAXIMUM PSI ALLOWABLE |
|--------------|----------|-------------|--------------|-------------|-------------|-----------------------|
| CASING | <u>N</u> | <u>15.5</u> | <u>5 1/2</u> | <u>KB</u> | <u>4997</u> | |
| LINER | | | | | | |
| TUBING | | | | | | |
| OPEN HOLE | | | <u>7 7/8</u> | <u>4997</u> | <u>5000</u> | SHOTS/FT. |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |

JOB DATA

| CALLED OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|------------------|------------------|------------------|------------------|
| DATE <u>8.7</u> | DATE <u>8.7</u> | DATE <u>8.7</u> | DATE <u>8.7</u> |
| TIME <u>2400</u> | TIME <u>0400</u> | TIME <u>1315</u> | TIME <u>2300</u> |

TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY. | MAKE |
|-------------------------------------|-----------|--------------|
| FLOAT COLLAR | | |
| FLOAT SHOE <u>w/ Fill</u> | <u>1</u> | <u>Howco</u> |
| GUIDE SHOE <u>2 lbs weld-A</u> | <u>1</u> | <u>"</u> |
| CENTRALIZERS <u>S-4</u> | <u>15</u> | <u>"</u> |
| BOTTOM PLUG <u>Cmt Basket</u> | <u>2</u> | <u>"</u> |
| TOP PLUG <u>Latch Down D.V.</u> | <u>1</u> | <u>"</u> |
| HEAD <u>man. fold</u> | <u>1</u> | <u>"</u> |
| PACKER <u>MSC w/ Free Fall Plug</u> | <u>1</u> | <u>"</u> |
| OTHER <u>Baffle L.D.</u> | <u>1</u> | <u>"</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. _____
PERFAC BALLS TYPE _____ QTY. _____
OTHER 1 lb BF-6 5 gal Clay-Fix II
OTHER 5 gal Awhib II

| NAME | UNIT NO. & TYPE | LOCATION |
|--|-----------------|----------|
| ORIGINAL | | |
| STATE CORPORATION COMMISSION SEP 13 1996 HALLIBURTON DIVISION WICHITA, KANSAS | | |

DEPARTMENT Cmt
DESCRIPTION OF JOB 5 1/2 Prod String
JOB DONE THRU: TUBING CASING ANNULUS TBG./ANN.
CUSTOMER REPRESENTATIVE X Harold Ochoa
HALLIBURTON OPERATOR D. Scott COPIES REQUESTED _____

CEMENT DATA

| STAGE | NUMBER OF SACKS | CEMENT | BRAND | BULK SACKED | ADDITIVES | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|----------------|-----------------|-------------------|-----------------|-------------|---|------------------|-----------------|
| <u>#1 Lead</u> | <u>85</u> | <u>Mid Con II</u> | | <u>B</u> | <u>2% CC 5% Helad-322</u> | <u>2.19</u> | <u>12.4</u> |
| <u>#1 Tail</u> | <u>120</u> | <u>FA-2</u> | <u>Standard</u> | <u>B</u> | <u>5% C Seal 5 1/6.1 75% Helad-322 18% Sulf</u> | <u>1.40</u> | <u>15.3</u> |
| <u>#2 Lead</u> | <u>100</u> | <u>Mid Con II</u> | | <u>B</u> | <u>2% CC 5% Helad-322</u> | <u>2.19</u> | <u>12.4</u> |
| <u>#2 Tail</u> | <u>50</u> | <u>Standard</u> | | <u>B</u> | <u>2% CC</u> | <u>1.18</u> | <u>15.6</u> |

PRESSURES IN PSI _____
CIRCULATING _____ DISPLACEMENT _____
BREAKDOWN _____ MAXIMUM 2500
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 200 REASON L.D. Baffle

SUMMARY

VOLUMES

PRESLUSH: BBL-GAL 20.55 TYPES per flush Transalk 10
LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____
TREATMENT: BBL-GAL. _____ DISPL: BBL-GAL. 118.4
CEMENT SLURRY: BBL-GAL. 111.1 40.2 Both stages total
TOTAL VOLUME: BBL-GAL. _____

REMARKS

D.V. Tool on 36th IT
Set @ 3535

CUSTOMER: Hallwood Pet
LEASE: Brensing
WELL NO.: #2
JOB TYPE: 5 1/2 Prod String
DATE: 8.7.96



JOB LOG HAL-2013-C

CUSTOMER: Hallwood Pet WELL NO.: H-2 LEASE: Breensing JOB TYPE: 5/2 Prod String TICKET NO.: 968521

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL/GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|------------------|-------|---|----------------|--------|--|
| | | | | T | C | TUBING | CASING | |
| | 2400 | | | | | | | Called Out |
| | 0400 | | | | | | | On loc w/F.E. |
| | 0700 | | | | | | | Trk's on loc Safety mtg |
| | | | | | | | | D.V. Tool @ 3535' Top 36th Jt |
| | | | | | | | | Csg on Bottom Drop Ball |
| | | | | | | | | + Break Circ w/Rig |
| | | | | | | | | Rig up Howco 1st Stage |
| | 1815 | 6 | 20 | | | 400 | | Pump Super Flush |
| | 1818 | 6 | 5 | | | 375 | | H2O Spacer |
| | 1422 | 6 | | | | 425 | | St mixing Lead Cmt @ 12.4 ppg |
| | 1427 | | 331 | | | 375 | | St mixing Tail Cmt @ 15.3 ppg |
| | 1432 | | 63 Total | SL | | Ø | | Finish mixing Cmt |
| | 1433 | 7 | 12 | | | | | Close In + wash pump + line |
| | 1434 | | | | | | | Release 1st Stage Plug |
| | 1436 | 8 | | | | 100 | | St Disp w/H2O |
| | 1441 | 7 | 30 | | | 150 | | St mud Disp w/Tank Guage |
| | 1449 | 5 | | | | 480 | | Lifting Cmt |
| | 1501 | Ø | 118.4 | | | 1250 | | Plug Down |
| | 1503 | | | | | Ø | | Release psi Float Held |
| | 1505 | 1/2 | 3 | | | 800 | | Drop Opening Device + Open D.V. Tool |
| | | | | | | | | Circ w/Rig for 6 hr's Circ 10Bbls Cmt |
| | | | | | | | | Rig up Howco 2nd Stage |
| | 2059 | 7 | 55 | | | 475 | | Pump Treated H2O |
| | 2108 | 7 | | | | 450 | | St mixing Lead Cmt @ 12.4 ppg |
| | 2115 | 6 | 74.8 | | | 350 | | St mixing Tail Cmt @ 15.6 ppg |
| | 2120 | | 86 | | | Ø | | Finish mixing Cmt |
| | 2121 | 6 | 10 | | | | | Close In + wash pump + line |
| | 2122 | | | | | | | Release Closing Plug |
| | 2123 | 7 | | | | 100 | | St Disp w/H2O |
| | 2130 | 6 | 68 | | | 490 | | Lifting Cmt |
| | 2141 | Ø | 83.6 | | | 1500 | | Plug Down + Close Tool |
| | 2143 | Ø | | | | Ø | | Release psi Held |
| | | | | | | | | Plug R.H. w/15 SK's Lead Cmt |
| | | | | | | | | Job Complete |
| | | | | | | | | Thank you |
| | | | | | | | | D Scott |

ORIGINAL

RECEIVED STATE CORPORATION COMMISSION

SEP 11 1996

WICHITA, KANSAS