

FORM MUST BE TYPED

SIDE ONE

6000 ORIGINAL

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

Operator: License # 8061

Name: OIL PRODUCERS, INC. OF KANSAS

Address P.O. BOX 8647

City/State/Zip WICHITA, KANSAS 67208

Purchaser: FARMLAND INDUSTRIES, Inc

Operator Contact Person: DIANA RICHECKY

Phone (316) 681-0231

Contractor: Name: Pickrell Drilling CO.

License: 5123

Wellsite Geologist: ARDEN RATZLAFF

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SIOG 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.

07/05/95 07/12/95 09/21/95
Spud Date Date Reached TD Completion Date

API NO. 15- 135-23,887

County NESS

- NE - NE - NE Sec. 36 Twp. 16 Rge. 26 E W

4950 Feet from (N) Line of Section

330 Feet from (W) Line of Section

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

Lease Name PETERS "D" Well # 2

Field Name

Producing Formation Open Hole Mississippi

Elevation: Ground 2594 KB 2599

Total Depth 4519' PBSD 4532'

Amount of Surface Pipe Set and Cemented at 242

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1981 Feet

If Alternate II completion, cement circulated from 1981'

feet depth to surface w/ 300 sx cmt.

Drilling Fluid Management Plan ALT 2 6-21-96
(Data must be collected from the Reserve Pit)

Chloride content 8300 ppm Fluid volume 1100 bbls

Dewatering method used: restore to near normal when dry

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

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

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

Signature John S. Weir

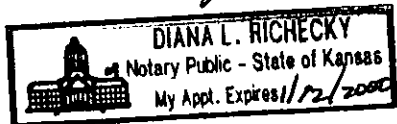
Title President Date 6/3/96

Subscribed and sworn to before me this 5th of May 1996.

Notary Public Diana L. Richecky

Date Commission Expires Jan. 12, 2000

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



RECEIVED
KANSAS CORPORATION COMMISSION

JUN 06 1996
6-6-96

CONSERVATION DIVISION
WICHITA, KS

Form ACO-1 (7-91)

SIDE TWO

Operator Name Oil Producers, Inc. of Kansas Lease Name PETERS "D" Well # 2
 Sec. 36 Twp. 16S Rge. 26 East County NESS West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)
 List All E.Logs Run: GEOLOGICAL LOG, GUARD SIDEWALL
NEUTRON LOG

| Name | Formation (Top), Depth and Datum | |
|-----------------|----------------------------------|-------|
| | Top | Datum |
| ANHYDRITE | 1958' | + 641 |
| HEEBNER | 3858' | -1259 |
| LANSING | 3898' | -1299 |
| PAWNEE | 4336' | -1737 |
| FT. SCOTT | 4410' | -1811 |
| CHEROKEE | 4437' | -1838 |
| MISSISSIPPIAN | 4504' | -1905 |
| DOLOMITE | 4512' | -1913 |
| ELECTRIC LOG TD | 4518' | -1919 |

ORIGINAL

| CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| SURFACE | | 8 5/8" | 28# | 242 | 60/40 POZ | 165 | 2% GEL 3% CC |
| PRODUCTION | | 5 1/2" | 14# | 4504 | 50/50 POZ | 50 | 2% GEL 10% SALT |
| SEE ATTACHED SHEET | | | | | | | |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | |
|--|------------------|----------------|-------------|-------------------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | KB to 4504 | Hal. light | 300 | 2% gel see attached sheet & Invoice |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type | Acid, Fracture, Shot, Cement Squeeze Record |
|----------------|---|---|
| | Specify Footage of Each Interval Perforated | (Amount and Kind of Material Used) Depth |
| | | 500 gal 20% MCA with PEN-88 4504-19 |
| | 4504'-4519' OPEN HOLE | 1500 gal MOD-202 4504-32 |

| TUBING RECORD | Size | Set At | Packer At | Liner Run |
|---------------|--------|---------|-----------|---|
| | 2 3/8" | 4494.90 | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Date of First, Resumed Production, SWD or Inj. 9/27/95 Producing Method Flowing
 Estimated Production Oil 8.35 Bbls. Gas McF Water 83 BWPD Pumping Gas Lift Other (Explain) Gas-Oil Ratio Gravity
 Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 4504'-4519'
 (If vented, submit ACO-18.) Other (Specify) _____

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUN 06 1996
 CONSERVATION DIVISION
 WICHITA, KS

CEMENT INFORMATION:

PRODUCTION: EA 2 50 SACKS 5% CALSEAL, 18% SALT, 1/8 FLOCELE, 1/2% CFR-2

TWO-STAGE CEMENT:

300 SACKS HALLIBURTON LIGHT CEMENT, 2% GEL

ORIGINAL

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 06 1996

CONSERVATION DIVISION
WICHITA, KS

Superior Testers Enterprises, Inc.

R.R. 3, Box 295B, Great Bend, Kansas 67530

(316) 792-6902

25946.L

Date 7-11-1995 Location NW 36-16-26^SW Elevation 2599^{ft} County NESS

Company Oil Producers Inc. of Kansas Number of Copies 5

Charts Mailed to P.O. Box 8647 Wichita Kansas 67208

Drilling Contractor PICKRELL Drilling

Length Drill Pipe 4313 I.D. Drill Pipe 3.80 Tool Joint Size 4 1/2" X.H.

Length Weight Pipe NONE I.D. Weight Pipe NONE Tool Joint Size NONE

Length Drill Collars 172 I.D. Drill Collars 2.25 Tool Joint Size 4 1/2" X.H.

Top Packer Depth 4499 Bottom Packer Depth 4504 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 4504 TO 4519 ANCHOR LENGTH 15 TOTAL DEPTH 4519 Hole Size 7 1/8"

LEASE & WELL NO. Peters #2 "D" FORMATION TESTED Mississippian TEST NO. 1

Mud Weight 9.7 Viscosity 45 Water Loss 12.8 Chlorides - Pits 2000 D.S.T.

Maximum Temp. 117 °F Initial Hydrostatic Pressure (A) 2289 P.S.I. Final Hydrostatic Pressure (H) 2234 P.S.I.

Tool Open I.F.P. from 11:15 P to 11:45 P 30 min

Tool Closed I.C.I.P. from 11:45 P to 12:30 A 45 min

Tool Open F.F.P. from 12:30 A to 1:30 A 60 min

Tool Closed F.C.I.P. from 1:30 A to 3:00 A 90 min

| |
|---|
| from [B] <u>55</u> P.S.I. to [C] <u>89</u> P.S.I. |
| [D] <u>401</u> P.S.I. |
| from [E] <u>100</u> P.S.I. to [F] <u>111</u> P.S.I. |
| [G] <u>(APPROX 300)</u> <u>312</u> P.S.I. |

Initial Blow WEAK building blow - built to 9 inches into the water

Final Blow WEAK building blow - built to 4 inches into the water

Total Feet Recovered 600 Gravity of Oil 57 Corrected

150 Feet of Gas in the Pipe % Gas 1 % Oil 0 % Mud 0 % Water 0

90 Feet of Clear Gassy Oil % Gas 0 % Oil 0 % Mud 0 % Water 0

30 Feet of SLIGHTLY mud cut Gassy Oil 10% Gas 25 % Oil 25 % Mud 0 % Water 0

90 Feet of Muddy Oil 0% Gas 63 % Oil 38 % Mud 0 % Water 0

90 Feet of Heavy Oil & Gas Cut mud 10% Gas 35 % Oil 55 % Mud 0 % Water 0

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Feet of _____ % Gas _____ % Oil _____ % Mud _____ % Water _____

Remarks _____

13.11

Extra Equipment - Jars NONE Safety NONE Extra Packer NONE Straddle NONE Hook Wall NONE

Top Recorder No. 1108R Clock No. 47441 Depth 4513 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 1108R Clock No. 47442 Depth 4516 Insurance NONE

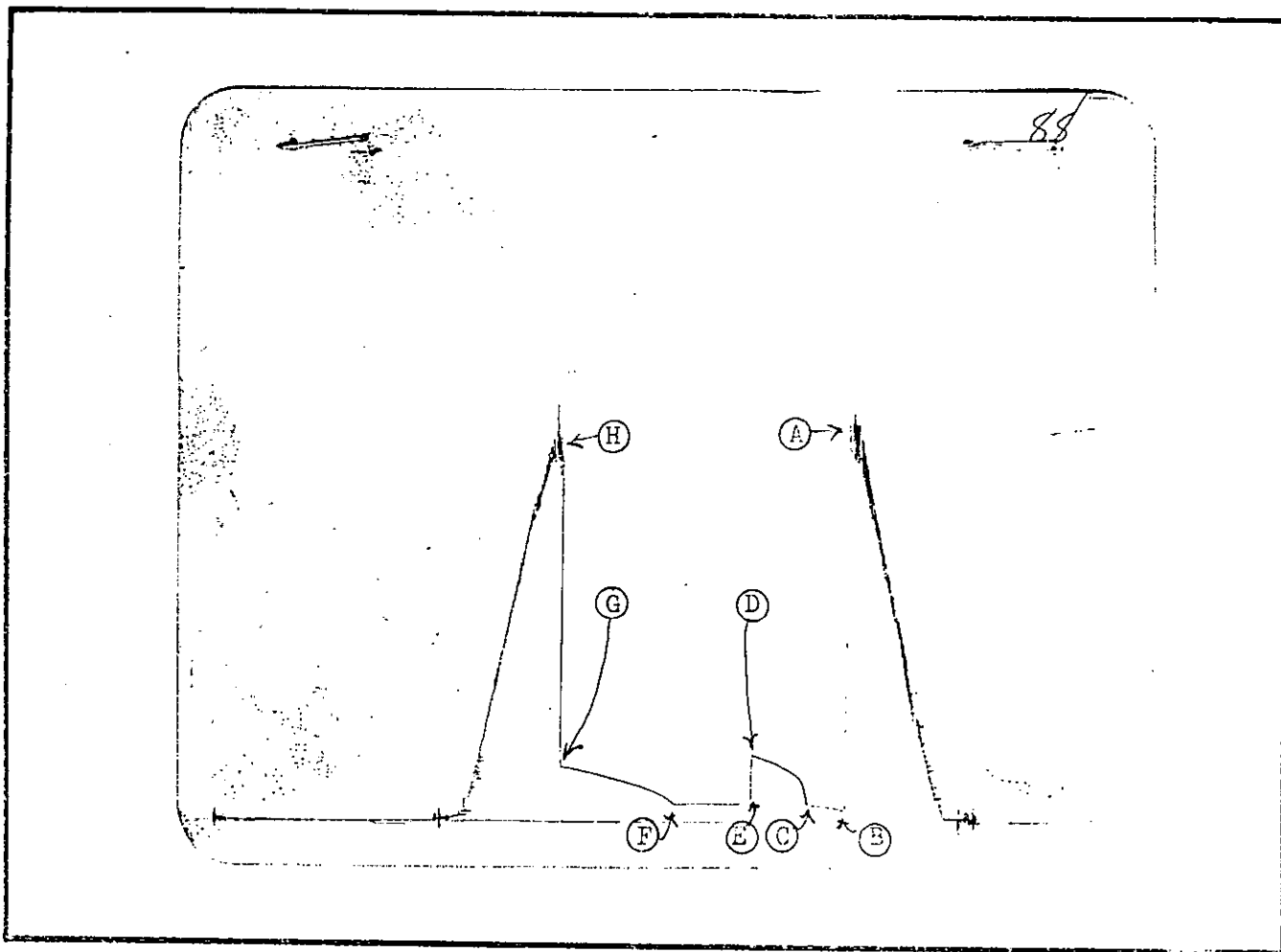
Price of Job _____

Test Operator Steve Smith

Approved By _____

N2 11360

Superior Testers Enterprises, Inc. shall not be liable for damage of any kind to the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



This is an actual photograph of recorder chart.

ORIGINAL

| POINT | PRESSURE | | |
|--|---------------|----------------|--------|
| | FIELD READING | OFFICE READING | |
| (A) Initial Hydrostatic Mud | <u>2289</u> | <u>2302</u> | P.S.I. |
| (B) First Initial Flow Pressure | <u>55</u> | <u>66</u> | P.S.I. |
| (C) First Final Flow Pressure | <u>89</u> | <u>100</u> | P.S.I. |
| (D) Initial Closed-in Pressure | <u>401</u> | <u>403</u> | P.S.I. |
| (E) Second Initial Flow Pressure | <u>100</u> | <u>105</u> | P.S.I. |
| (F) Second Final Flow Pressure | <u>111</u> | <u>111</u> | P.S.I. |
| (G) Final Closed-in Pressure | <u>312</u> | <u>331</u> | P.S.I. |
| (H) Final Hydrostatic Mud | <u>2234</u> | <u>2221</u> | P.S. |

SUPERIOR TESTERS ENTERPRISES INC.

WELL IDENTIFICATION DATA

COMPANY : OIL PRODUCERS INC.OF KAN. WELL NAME : PETERS"D"#2
ADDRESS : P.O.BOX 8647,WICHITA LOCATION : N/W 36-165-26W
STATE & COUNTY : KANSAS,NESS FIELD :
ELEV.(GR) : 2594 (KB) : 2599 TEST DATE : 7-11-1975

EQUIPMENT AND HOLE DATA

FORMATION TESTED : MISSISSIPPI DRILL PIPE LENGTH(ft) : 4313
TEST INT. KB : 4504 to 4519 DRILL PIPE O.D.(in) : 3.82
ANCHOR LENGTH(ft) : 15 WEIGHT PIPE LENGTH(ft) :
TYPE OF TEST : Conventional WEIGHT PIPE ID : 2.75
TOTAL DEPTH(ft-kg) : 4519 DRILL COLLAR LENGTH(ft) : 172
MAIN HOLE SIZE(in) : 7 7/8 DRILL COLLAR I.D.(in) : 2.259
MUD WEIGHT : 9.7 TOP PACKER DEPTH(kb) : 4479
MUD VISCOSITY : 45 BOTTOM PACKER DEPTH(kb) : 4504
MUD CHLORIDES : 2000 DUAL PACKERS :
SURFACE CHOKE : 3/4 PACKER SIZE(in) : 6 3/4
BOTTOM CHOKE(in) : 3/4 PACKER HOLD : Yes
TOOL SIZE(O.D.) : 5 1/2 TOOL PLUG : No
TOOL JOINT SIZE(F.H.) : 4 1/2 REVERSED OUT : No
RESERVOIR TEMPERATURE(F) : 117 TEST TICKET NUMBER : 11360

EXTRA EQUIPMENT :

ELEMENT SERIAL NO. : 11088
RANGE : 0 - 4400 CLOCK RANGE :
CAL. EQU. : 1102.93 * Defl. + 4.88

SURFACE BLOW

1st Opening : WEAK BLOW BUILT TO 9 INCHES INTO THE WATER
2nd Opening : WEAK BLOW BUILT TO 4 INCHES INTO THE WATER

RECOVERY

Recovered 150 feet of GAS IN THE PIPE
Recovered 50 feet of CLEAN GASSY OIL GRAVITY 39 CORRECTED
Recovered 30 feet of SLIGHTLY MUD CUT GASSY OIL
Recovered 90 feet of MUDDY OIL
Recovered 30 feet of HEAVY OIL AND GAS CUT MUD

REMARKS :

WITNESSED BY : ARDEN RATZLAFF TOOL OPERATOR : GENE BUDIG

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES INC.

SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : OIL PRODUCERS INC. OF KAN. WELL NAME : PETERS"D"#2
 DATE OF TEST : 7-11-1995 LOCATION : N/W 36-16S-26W
 DEPTH : 4513.0 SERIAL NO. : 11008

| COMMENTS | TIME min | DEFL in | PRESSURE PSIG | | |
|----------------------|-------------|------------|---------------|-------|--------------------|
| | | | ----- CALC | CORR | ----- CORRECTED |
| TEST NO.: 1 | | | | | |
| Depth : 4513.0 ft-kb | | | | | |
| -15Y HYDROSTATIC | 0.0 | 2.082 | 2301.18 | 1.59 | 2302.77 |
| -11:15 1ST FLOW | 0.0 | .060 | 71.06 | -4.16 | 66.87 |
| - 11:20 | 5.0 | .066 | 77.67 | -4.11 | 73.56 |
| - 11:25 | 10.0 | .075 | 87.60 | -4.01 | 83.59 |
| - 11:30 | 15.0 | .080 | 93.11 | -3.95 | 89.16 |
| - 11:35 | 20.0 | .085 | 98.63 | -3.89 | 94.74 |
| - 11:40 | 25.0 | .088 | 101.94 | -3.86 | 98.08 |
| - 11:45 | 30.0 | .090 | 104.14 | -3.83 | 100.31 |
| -11:45 END FLOW | 0.0 | .090 | 104.14 | -3.83 | 100.31 |
| - 11:46 | 1.0 | .101 | 116.28 | -3.71 | 112.57 |
| - 11:47 | 2.0 | .143 | 162.60 | -3.22 | 159.38 |
| - 11:48 | 3.0 | .171 | 193.48 | -2.89 | 190.59 |
| - 11:51 | 6.0 | .223 | 250.83 | -2.29 | 248.54 |
| - 11:54 | 9.0 | .245 | 275.10 | -2.04 | 273.06 |
| - 11:57 | 12.0 | .261 | 292.74 | -1.85 | 290.89 |
| - 12:00 | 15.0 | .274 | 307.08 | -1.70 | 305.38 |
| - 12:03 | 18.0 | .287 | 321.42 | -1.55 | 319.87 |
| - 12:06 | 21.0 | .300 | 335.76 | -1.40 | 334.36 |
| - 12:08 | 23.0 | .306 | 342.38 | -1.33 | 341.05 |
| - 12:08 | 23.0 | .310 | 346.79 | -1.28 | 345.51 |
| - 12:09 | 24.0 | .314 | 351.20 | -1.23 | 349.97 |
| - 12:12 | 27.0 | .323 | 361.13 | -1.13 | 360.00 |
| - 12:15 | 30.0 | .330 | 368.85 | -1.05 | 367.80 |
| - 12:18 | 33.0 | .337 | 376.57 | -.97 | 375.60 |
| - 12:21 | 36.0 | .344 | 384.29 | -.89 | 383.40 |
| - 12:24 | 39.0 | .350 | 390.91 | -.82 | 390.09 |
| - 12:27 | 42.0 | .358 | 399.73 | -.72 | 399.01 |
| - 12:29 | 44.0 | .362 | 404.14 | -.68 | 403.46 |
| -12:29 1ST SHUT-IN | 0.0 | .362 | 404.14 | -.68 | 403.46 |
| -12:29 2ND FLOW | 0.0 | .095 | 109.66 | -3.78 | 105.88 |
| - 12:34 | 5.0 | .095 | 109.66 | -3.78 | 105.88 |
| - 12:39 | 10.0 | .095 | 109.66 | -3.78 | 105.88 |
| - 12:44 | 15.0 | .095 | 109.66 | -3.78 | 105.88 |
| - 12:49 | 20.0 | .096 | 110.76 | -3.77 | 107.00 |
| - 12:54 | 25.0 | .097 | 111.86 | -3.75 | 108.11 |
| - 12:59 | 30.0 | .099 | 114.07 | -3.73 | 110.34 |
| - 13:04 | 35.0 | .099 | 114.07 | -3.73 | 110.34 |
| - 13:09 | 40.0 | .100 | 115.17 | -3.72 | 111.45 |
| - 13:14 | 45.0 | .100 | 115.17 | -3.72 | 111.45 |
| - 13:19 | 50.0 | .100 | 115.17 | -3.72 | 111.45 |

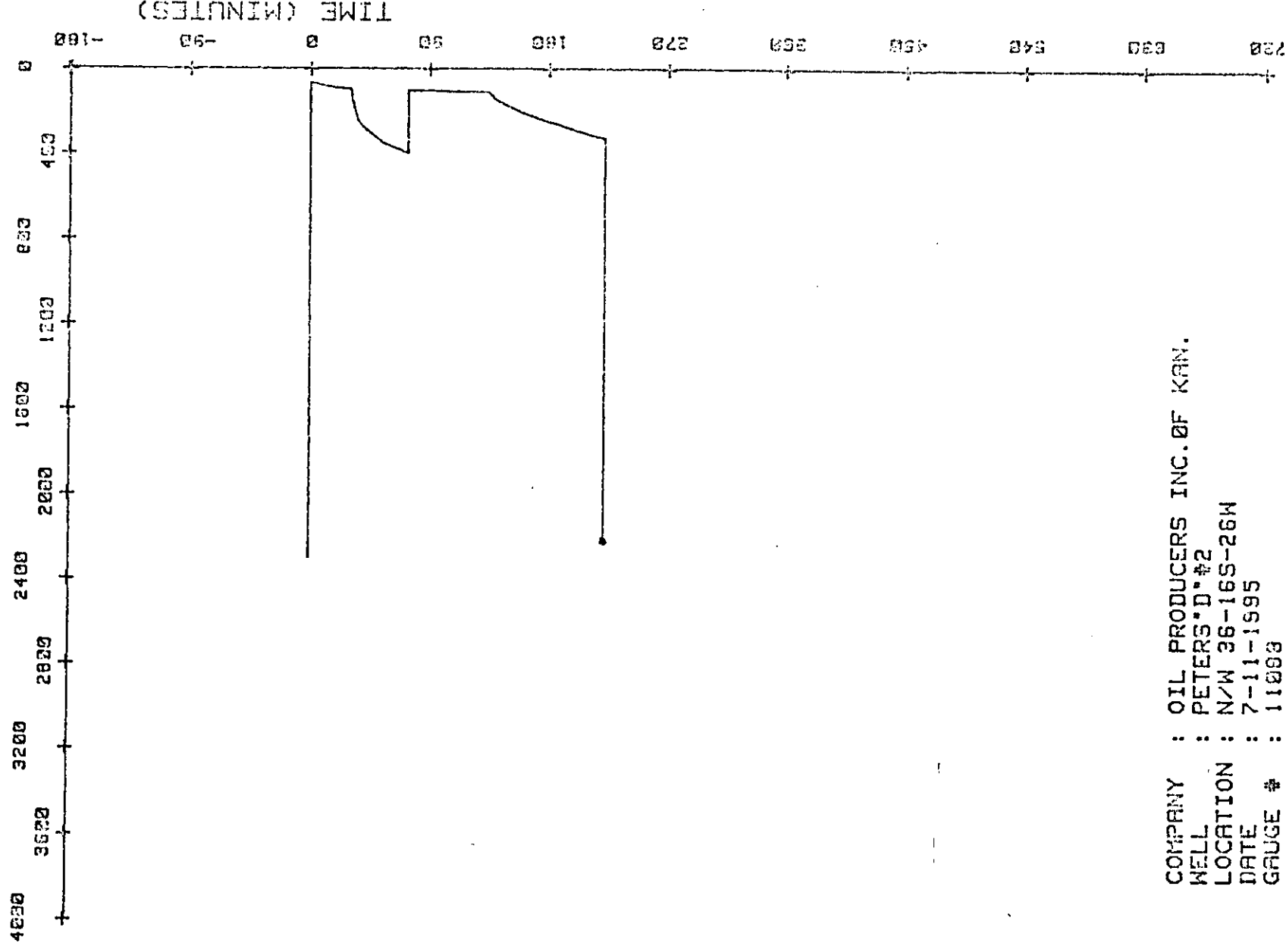
SUPERIOR TESTERS ENTERPRISES INC.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : OIL PRODUCERS INC. OF KAN. WELL NAME : PETERS "D" #2
 DATE OF TEST : 7-11-1995 LOCATION : N/W 36-165-26W
 DEPTH : 4513.0 SERIAL NO. : 11080

| COMMENTS | TIME min | DEFL in | PRESSURE PSIG | | |
|-------------------|-------------|------------|---------------|-------|-----------|
| | | | ----- CALC | CORR | CORRECTED |
| TEST NO.: 1 | | | | | |
| - 13:24 | 55.0 | .100 | 115.17 | -3.72 | 111.45 |
| - 13:29 | 60.0 | .100 | 115.17 | -3.72 | 111.45 |
| -1:29 END FLOW | 0.0 | .100 | 115.17 | -3.72 | 111.45 |
| - 1:30 | 1.0 | .102 | 117.38 | -3.70 | 113.68 |
| - 1:31 | 2.0 | .107 | 122.89 | -3.64 | 119.26 |
| - 1:32 | 3.0 | .114 | 130.61 | -3.56 | 127.06 |
| - 1:35 | 6.0 | .131 | 149.36 | -3.36 | 146.00 |
| - 1:38 | 9.0 | .142 | 161.50 | -3.23 | 158.26 |
| - 1:41 | 12.0 | .150 | 170.32 | -3.14 | 167.18 |
| - 1:44 | 15.0 | .159 | 180.25 | -3.03 | 177.21 |
| - 1:47 | 18.0 | .167 | 189.07 | -2.94 | 186.13 |
| - 1:50 | 21.0 | .175 | 197.89 | -2.85 | 195.04 |
| - 1:53 | 24.0 | .183 | 206.72 | -2.76 | 203.96 |
| - 1:56 | 27.0 | .190 | 214.44 | -2.67 | 211.76 |
| - 1:59 | 30.0 | .197 | 222.16 | -2.59 | 219.56 |
| - 2:02 | 33.0 | .202 | 227.67 | -2.53 | 225.14 |
| - 2:05 | 36.0 | .208 | 234.29 | -2.47 | 231.82 |
| - 2:08 | 39.0 | .215 | 242.01 | -2.38 | 239.63 |
| - 2:11 | 42.0 | .220 | 247.52 | -2.33 | 245.20 |
| - 2:14 | 45.0 | .225 | 253.04 | -2.27 | 250.77 |
| - 2:17 | 48.0 | .230 | 258.55 | -2.21 | 256.34 |
| - 2:20 | 51.0 | .234 | 262.97 | -2.16 | 260.80 |
| - 2:23 | 54.0 | .240 | 269.58 | -2.09 | 267.49 |
| - 2:26 | 57.0 | .245 | 275.10 | -2.04 | 273.06 |
| - 2:29 | 60.0 | .251 | 281.72 | -1.97 | 279.75 |
| - 2:32 | 63.0 | .257 | 288.33 | -1.90 | 286.44 |
| - 2:35 | 66.0 | .262 | 293.85 | -1.84 | 292.01 |
| - 2:38 | 69.0 | .267 | 299.36 | -1.78 | 297.58 |
| - 2:41 | 72.0 | .272 | 304.88 | -1.72 | 303.15 |
| - 2:44 | 75.0 | .278 | 311.49 | -1.65 | 309.84 |
| - 2:47 | 78.0 | .283 | 317.01 | -1.59 | 315.41 |
| - 2:50 | 81.0 | .287 | 321.42 | -1.55 | 319.87 |
| - 2:53 | 84.0 | .291 | 325.83 | -1.50 | 324.33 |
| - 2:56 | 87.0 | .294 | 329.14 | -1.47 | 327.67 |
| - 2:58 | 89.0 | .297 | 332.45 | -1.43 | 331.02 |
| -2:58 2ND SHUT-IN | 0.0 | .297 | 332.45 | -1.43 | 331.02 |
| -2ND HYDROSTATIC | 0.0 | 2.009 | 2220.67 | 1.30 | 2221.96 |

PRESSURE (P S I G)

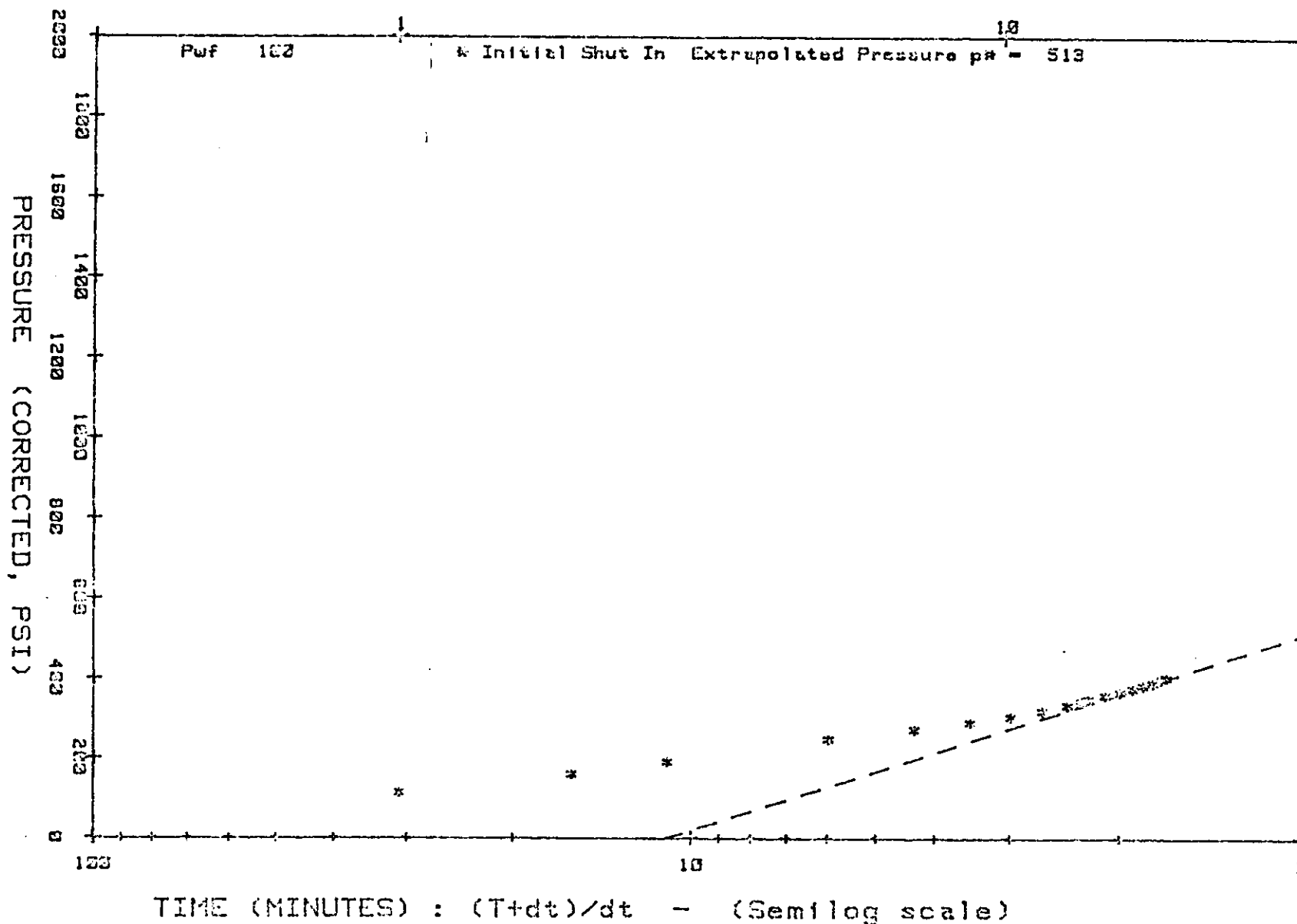


COMPANY : OIL PRODUCERS INC. OF KAN.
WELL : PETERS'D #2
LOCATION : N/W 36-16S-26W
DATE : 7-11-1995
GAUGE # : 11093

LOCATION : N/W 35-16S-26W

DATE : 7-11-1985

GAUGE # : 11098



SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : OIL PRODUCERS INC. OF KAN.
 WELL NAME : PETERS"D"#2
 LOCATION : N/W 36-16S-26W
 STATE & COUNTY : KANSAS, NESS
 DATE OF TEST : 7-11-1995
 TEST INT. KB : 4504 to 4519
 TOTAL INTERVAL (ft) K.B. : 15.00
 ELEV.(GR) : 2594 (KB) : 2599
 FIELD :

ELEMENT SERIAL NO. : 11088
 LATEST CALIBRATION :

| COMMENTS | TIME min | (T+dt)/dt min | ----- PRESSURES CORR PSIG ----- |
|--------------------|--------------|------------------|--|
| Refer. depth : | 4513.0 ft-kb | | |
| -11:45 END FLOW | 0.00 | 0.00 | 100.31 |
| | 1.00 | 31.00 | 112.57 |
| | 2.00 | 14.00 | 159.38 |
| | 3.00 | 11.00 | 190.59 |
| | 6.00 | 6.00 | 248.54 |
| | 9.00 | 4.33 | 273.06 |
| | 12.00 | 3.50 | 290.89 |
| | 15.00 | 3.00 | 305.38 |
| | 18.00 | 2.67 | 319.87 |
| | 21.00 | 2.43 | 334.36 |
| | 23.00 | 2.30 | 341.05 |
| | 23.00 | 2.30 | 343.51 |
| | 24.00 | 2.25 | 347.97 |
| | 27.00 | 2.11 | 360.00 |
| | 30.00 | 2.00 | 367.90 |
| | 33.00 | 1.91 | 375.60 |
| | 36.00 | 1.83 | 383.40 |
| | 39.00 | 1.77 | 390.09 |
| | 42.00 | 1.71 | 397.01 |
| | 44.00 | 1.68 | 403.45 |
| -12:29 1ST SHUT-IN | 0.00 | 0.00 | 403.45 |

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : OIL PRODUCERS INC. OF KAN. WELL NAME : PETERS"D"#2
DATE OF TEST : 7-11-1995 LOCATION : N/W 36-16S-26W
DST. NO : 1 SHUT-IN PERIOD : 1

INTERPRETIVE DATA (OIL)

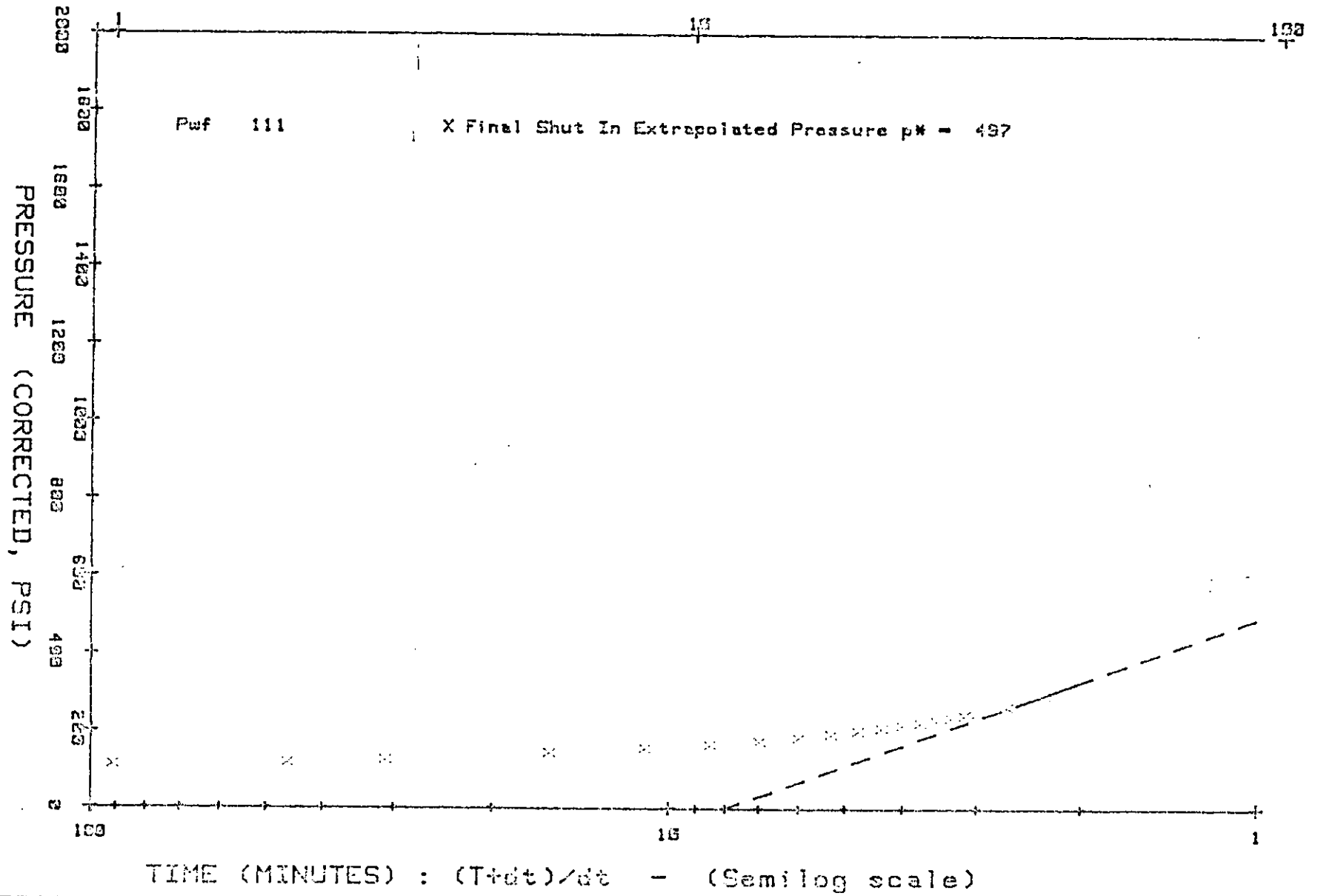
| | |
|--|--------|
| EXTRAPOLATED RESERVOIR PRESSURE (psi): | 513.00 |
| Slope of Build-up Curve (psi/log cycle): | 491.59 |
| Effective Producing Time (min): | 30.00 |

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

LOCATION : N/W 36-165-26N

DATE : 7-11-1995

GAUGE # : 11088



SUPERIOR TESTERS ENTERPRISES INC.

HORNER ANALYSIS

COMPANY : OIL PRODUCERS INC.OF KAN.
 WELL NAME : PETERS"D"#2
 LOCATION : N/W 36-1&S-2&W
 STATE & COUNTY : KANSAS,NESS
 DATE OF TEST : 7-11-1995
 TEST INT. KB : 4504 to 4519
 TOTAL INTERVAL (ft) K.B. : 15.00
 ELEV.(GR) : 2594 (KB) : 2599
 FIELD :

ELEMENT SERIAL NO. : 11088
 LATEST CALIBRATION :

| COMMENTS | TIME min | (T+dt)/dt min | ----- PRESSURES CORR PSIG ----- |
|----------------|--------------|------------------|--|
| Refer. depth : | 4513.0 ft-kb | | |
| -1:29 END FLOW | 0.00 | 0.00 | 111.45 |
| | 1.00 | 91.00 | 113.68 |
| | 2.00 | 46.00 | 119.26 |
| | 3.00 | 31.00 | 127.06 |
| | 6.00 | 16.00 | 143.00 |
| | 9.00 | 11.00 | 158.26 |
| | 12.00 | 8.50 | 167.18 |
| | 15.00 | 7.00 | 177.21 |
| | 18.00 | 6.00 | 186.13 |
| | 21.00 | 5.29 | 193.04 |
| | 24.00 | 4.75 | 203.96 |
| | 27.00 | 4.33 | 211.76 |
| | 30.00 | 4.00 | 219.56 |
| | 33.00 | 3.73 | 228.14 |
| | 36.00 | 3.50 | 231.82 |
| | 39.00 | 3.31 | 239.63 |
| | 42.00 | 3.14 | 245.20 |
| | 45.00 | 3.00 | 250.77 |
| | 48.00 | 2.88 | 256.34 |
| | 51.00 | 2.76 | 260.80 |
| | 54.00 | 2.67 | 267.49 |
| | 57.00 | 2.58 | 273.06 |
| | 60.00 | 2.50 | 279.75 |
| | 63.00 | 2.43 | 286.44 |
| | 66.00 | 2.36 | 292.01 |
| | 69.00 | 2.30 | 297.58 |
| | 72.00 | 2.25 | 303.15 |
| | 75.00 | 2.20 | 309.84 |
| | 78.00 | 2.15 | 315.41 |
| | 81.00 | 2.11 | 319.87 |

INTERPRETATION BY : SUPERIOR TESTERS ENTERPRISES, INC.

SUPERIOR TESTERS ENTERPRISES, INC.

HORNER ANALYSIS

COMPANY : OIL PRODUCERS INC. OF KAN. WELL NAME : PETERS "D" #2
 DATE OF TEST : 7-11-1995 LOCATION : N/W 26-108-26N
 REFERENCE DEPTH : 4513.0 SERIAL NO. : 11028

| COMMENTS | TIME min | (T+dt)/dt min | ----- PRESSURES WELL PSIG ----- |
|-------------------|-------------|------------------|--|
| | 84.00 | 2.07 | 324.33 |
| | 87.00 | 2.03 | 327.67 |
| | 89.00 | 2.01 | 331.02 |
| -2:58 2ND SHUT-IN | 0.00 | 0.00 | 331.02 |

SUPERIOR TESTERS ENTERPRISES INC.

DATA SUMMARY

COMPANY : OIL PRODUCERS INC.OF KAN. WELL NAME : PETERS"D"#2
 DATE OF TEST : 7-11-1995 LOCATION : N/W 36-168-26W
 DST. NO : 1 SHUT-IN PERIOD : 2

INTERPRETIVE DATA (OIL)

TRANSMISSIBILITY

Oil (md.ft/cp): 3.89
 Gas (md.ft/cp): 0.00

EFFECTIVE PERMEABILITY

Oil (md):34
 Gas (md): 0.00

TOTAL MOBILITY (md/cp):42

TOTAL COMPRESSIBILITY (psi-1): 6.79E-06

ESTIMATED DAMAGE RATIO:15

CALCULATED DAMAGE RATIO:20

Reservoir Temperature (F): 117.00

Formation Porosity :18

Formation Thickness (ft): 10.00

Wellbore Radius (in): 3.94

Reservoir Compressibility (psi-1): 4.80E-07

Calculated Skin Factor : -3.16

PRODUCTION WITH DAMAGE REMOVED (bbl/D): 13.11

PRODUCTIVITY INDEX (bbl/psi):03

Final Flow Pressure (psi): 111.00

APPROXIMATE RADIUS OF INVESTIGATION (ft): 23.27

Total Flowing Time (min): 90.00

EXTRAPOLATED RESERVOIR PRESSURE (psi): 497.00

Slope of Build-up Curve (psi/ln cycle): 548.53

Effective Producing Time (min) 90.00

CUSTOMER COPY



HALLIBURTON ORIGINAL

REMIT TO:

P.O. BOX 951046 DALLAS, TX 7539

INVOICE

INVOICE NO. 82702

| | | | |
|------------------------|-----------------------|-------------|----------------------|
| WELL LEASE NO./PROJECT | WELL/PROJECT LOCATION | STATE | OWNER |
| SERVICE LOCATION | CONTRACTOR | JOB PURPOSE | TICKET DATE |
| ACCT. NO. | CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER |
| | | | SHIPPED VIA |
| | | | FILE NO. |

OIL PRODUCERS INC. OF KANSAS
BOX 8647
WICHITA, KS 67208

DIRECT CORRESPONDENCE TO:
P.O. BOX 1598
LIBERAL, KS 67905-0000

| REFERENCE NO. | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | AMOUNT |
|---------------|--------------------------------|----------|------|------------|----------|
| 000-117 | MILEAGE CEMENTING ROUND TRIP | 114 | MI | 2.75 | 313.50 |
| 001-016 | CEMENTING CASING | 244 | FT | 585.00 | 585.00 |
| 030-503 | WOODEN PLUG | 1 | EA | 95.00 | 95.00 |
| 504-136 | CEMENT - 40/60 POZMIX STANDARD | 165 | SK | 7.16 | 1,181.40 |
| 506-121 | HALLIBURTON-GEL 2% | 300 | LB | .00 | N/C |
| 509-406 | ANHYDROUS CALCIUM CHLORIDE | 4 | SK | 36.75 | 147.00 |
| 500-207 | BULK SERVICE CHARGE | 173 | CFT | 1.35 | 233.55 |
| 500-306 | MILEAGE CMTG MAT DEL OR RETURN | 422.085 | TMI | .95 | 400.98 |

INVOICE SUBTOTAL 2,956.43

DISCOUNT-(RID) 946.04

INVOICE BID AMOUNT 2,010.39

*-KANSAS STATE SALES TAX 68.57

*-HAYS CITY SALES TAX 14.00

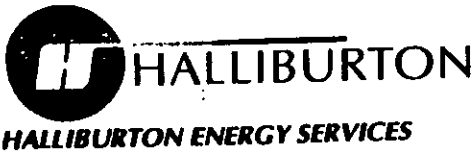
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JUN 06 1996

CONSERVATION DIVISION
WICHITA, KS

INVOICE TOTAL - PLEASE PAY THIS AMOUNT 82,092.96

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 100% of the amount of any attorney's fees and court costs.



CHARGE TO:
 ADDRESS: *Oil Production Inc*
 CITY, STATE, ZIP CODE: *2400 Woodlawn Dr Box 2147, Wichita, KS 67228*

CUSTOMER COPY
 No. **839736 - 7**
 PAGE 1 OF 2

HAL-1906-N
 SERVICE LOCATIONS
 1. WELL/PROJECT NO. LEASE COUNTY/PARISH STATE CITY/OFFSHORE LOCATION DATE OWNER
 2. TICKET TYPE: SERVICE SALES NITROGEN JOB? YES NO CONTRACTOR: *Pickwell Drig* RIG NAME/NO. SHIPPED VIA: *1149* DELIVERED TO: *601 SE 11th St* ORDER NO. DATE: *7-5-75* OWNER: *same*
 3. WELL TYPE: *01* WELL CATEGORY: *01* JOB PURPOSE: *010* WELL PERMIT NO.: *15-135-232970000* WELL LOCATION: *36-16-26*
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS: *5 mi 2x5' surface pipe w/165 SKS w/165' 27.5' 32' cu*

| PRICE REFERENCE | SECONDARY REFERENCE / PART NUMBER | ACCOUNTING | | | DESCRIPTION | QTY. | U/M | QTY. | U/M | UNIT PRICE | AMOUNT |
|-----------------|-----------------------------------|------------|------|----|--------------------------|----------------|-----|-------------|-----|---------------|--------------|
| | | LOC | ACCT | DF | | | | | | | |
| <i>000-117</i> | | | | | MILEAGE: <i>14419</i> | <i>114 mi</i> | | <i>27</i> | | <i>278</i> | <i>3130</i> |
| <i>000-26</i> | | | | | <i>Pickwell Drig</i> | <i>244 SKS</i> | | | | <i>595.00</i> | <i>14640</i> |
| <i>030-503</i> | | | | | <i>2x5' surface pipe</i> | <i>165</i> | | <i>27.5</i> | | <i>75.00</i> | <i>12375</i> |
| | | | | | | | | | | | |

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JUN 06 1996

CONSERVATION DIVISION
WICHITA KS

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: *7-5-75* TIME SIGNED: *2045*
 A.M. P.M.
 do not require IPC (Instrument Protection). Not offered

SUB SURFACE SAFETY VALVE WAS: PULLED & RETURN PULLED RUN

| | | | | | | |
|-------------------------|-----------------|--|--|-----------------------------|-----------|---|
| TYPE LOCK | DEPTH | SURVEY | AGREE | UN-DECIDED | DIS-AGREE | PAGE TOTAL <i>973</i> |
| BEAN SIZE | SPACERS | | OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? | | | |
| TYPE OF EQUALIZING SUB. | CASING PRESSURE | WE UNDERSTOOD AND MET YOUR NEEDS? | | | | FROM CONTINUATION PAGE(S) <i>1962</i> |
| TUBING SIZE | TUBING PRESSURE | OUR SERVICE WAS PERFORMED WITHOUT DELAY? | | | | SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE |
| TREE CONNECTION | WELL DEPTH | WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? | | | | |
| | TYPE VALVE | ARE YOU SATISFIED WITH OUR SERVICE? | <input type="checkbox"/> YES | <input type="checkbox"/> NO | | |
| | | <input checked="" 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) | CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE) | HALLIBURTON OPERATOR/ENGINEER | EMP # | HALLIBURTON APPROVAL |
| <i>X</i> | <i>X</i> | <i>Ken Richman</i> | <i>5724</i> | |



JOB SUMMARY

HALLIBURTON DIVISION
HALLIBURTON LOCATION

MUD CONTRACT
1145, KS

BILLED ON TICKET NO. 839736

WELL DATA

FIELD _____ SEC 36 TWP. 16S RNG. 26W COUNTY NESS 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 | 4 | 28 | 8 5/8 | KB | 248 | |
| LINER | | | | | | |
| TUBING | | | | | | |
| OPEN HOLE | | | 12 1/4 | 242 | 245 | SHOTS/FT. |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |

ORIGINAL

JOB DATA

| CALLED OUT | | ON LOCATION | | JOB STARTED | | JOB COMPLETED | |
|------------|-------------|-------------|-------------|-------------|-------------|---------------|-------------|
| DATE | <u>7-5</u> | DATE | <u>7-5</u> | DATE | <u>7-5</u> | DATE | <u>7-5</u> |
| TIME | <u>1700</u> | TIME | <u>1930</u> | TIME | <u>2015</u> | TIME | <u>2120</u> |

PERSONNEL AND SERVICE UNITS

| NAME | UNIT NO. & TYPE | LOCATION |
|---------------------|-----------------|-----------------|
| <u>K. RICHMEIER</u> | <u>59734</u> | <u>1145, KS</u> |
| <u>W. WILSON</u> | <u>65377</u> | <u>"</u> |
| <u>M. KRIEGER</u> | <u>61511</u> | <u>"</u> |

TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY. | MAKE |
|-----------------------|----------|--------------|
| FLOAT COLLAR | | |
| FLOAT SHOE | | |
| GUIDE SHOE | | |
| CENTRALIZERS | | |
| BOTTOM PLUG | | |
| TOP PLUG <u>LA-11</u> | <u>1</u> | <u>HOWCO</u> |
| HEAD <u>P.C.</u> | <u>1</u> | <u>"</u> |
| PACKER | | |
| OTHER | | |

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB/GAL. API

DISPL. FLUID _____ DENSITY _____ LB/GAL. API

PROP. TYPE _____ SIZE _____ LB.

PROP. TYPE _____ SIZE _____ LB.

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

ACID TYPE _____ GAL. _____ %

SURFACTANT TYPE _____ GAL. _____ IN

NE AGENT TYPE _____ GAL. _____ IN

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN

GELLING AGENT TYPE _____ GAL.-LB. _____ IN

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN

BREAKER TYPE _____ GAL.-LB. _____ IN

BLOCKING AGENT TYPE _____ GAL.-LB. _____ IN

PERFPAC BALLS TYPE _____ QTY. _____

OTHER _____

OTHER _____

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JUN 06 1996

DEPARTMENT CEMENT

DESCRIPTION OF JOB 8 5/8" SURFACE

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

CUSTOMER REPRESENTATIVE X KEVIN RICHMEIER

CONSERVATION DIVISION

HALLIBURTON OPERATOR KEVIN RICHMEIER COPIES REQUESTED _____

CEMENT DATA

| STAGE | NUMBER OF SACKS | CEMENT | BRAND | BULK SACKED | ADDITIVES | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|-------|-----------------|--------------------------|----------|------------------------|-----------|------------------|-----------------|
| | <u>165</u> | <u>100% P02-6090 STD</u> | <u>B</u> | <u>290 GEL, 390 CC</u> | | <u>1.30</u> | <u>14.0</u> |

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

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

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 15' REASON REQUESTED

PRESLUSH: BBL.-GAL. _____ TYPE _____

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

TREATMENT: BBL.-GAL. _____ DISPL. BBL. GRC. 14

CEMENT SLURRY BBL. GRC. 38.2

TOTAL VOLUME: BBL.-GAL. _____

REMARKS

SEE CHART - JOB 106

THANK YOU

FIELD OFFICE

CUSTOMER OIL PRODUCTION

LEASE PERM.

WELL NO. E-2

JOB TYPE 8 1/2 SURFACE

DATE 7-5-95



DATE: 5-5-96
 PAGE NO.: 1
 TICKET NO.: 779736

JOB LOG HAL-2013-C

WELL NO.: E-2
 LEASE: Filter

JOB TYPE: Surface

DESCRIPTION OF OPERATION AND MATERIALS

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|------|------------|--------------------|-------|---|----------------|--------|---|
| | | | | T | C | TUBING | CASING | |
| | 1500 | | | | | | | Called out to cement 7 1/2" surf |
| | 1930 | | | | | | | w/ 165 SKS w/ 100' air 2 1/2" rig 3 1/2" well |
| | 1940 | | | | | | | on loc hole made @ 225' |
| | 2012 | | | | | | | Pull DP 4 run casing 2 1/2" |
| | 2017 | | | | | | | Casing to TD Hook up to rig pump |
| | 2025 | | | | | | | Estab circ w/ rig pump |
| | 2035 | | 38.2 | | | | | Hook up 4 1/2" air 165 SKS w/ 100' air |
| | 2036 | | | | | | | 2 1/2" rig 3 1/2" well |
| | 2040 | | 14 | | | | | cmr mixed |
| | 2041 | | | | | | | 0 Rel Plug 1st Displ |
| | 2110 | | | | | | | 100 CIA cmr w/ 100' pumped (20 SKS) |
| | | | | | | | | 150 Plug Displ to 225' |
| | | | | | | | | 150 Shut in & wash up OK |
| | | | | | | | | Job complete |

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 JUN 06 1996
 CONSERVATION DIVISION
 WICHITA KS

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HALLIBURTON ORIGINAL

REMIT TO:
P.O. BOX 1598
DALLAS, TX 75305-1098

| INVOICE NO. | DATE |
|-------------|------------|
| 839709 | 07/13/1995 |

| | | | |
|------------------------|-----------------------|--------------------------|---------------|
| WELL LEASE NO./PROJECT | WELL/PROJECT LOCATION | STATE | OWNER |
| S 2-D | NESS | KS | SAME |
| SERVICE LOCATION | CONTRACTOR | JOB PURPOSE | TICKET DATE |
| | PICKRELL DRILLING | CEMENT PRODUCTION CASING | 07/13/1995 |
| CUSTOMER AGENT | VENDOR NO. | CUSTOMER P.O. NUMBER | SHIPPED VIA |
| BRAD SIROKY | | | COMPANY TRUCK |
| | | | FILE NO. |
| | | | 93319 |

OIL PRODUCERS INC. OF KANSAS
BOX 8647
WICHITA, KS 67208

DIRECT CORRESPONDENCE TO:
P.O. BOX 1598
LIBERAL, KS 67905-0000

| REFERENCE NO. | DESCRIPTION | QUANTITY | UOM | UNIT PRICE | AMOUNT |
|---------------|--|------------|-----|------------|----------|
| | ING AREA - MID CONTINENT | 114 MI | | 2.75 | 313.50 |
| -117 | MILEAGE CEMENTING ROUND TRIP | 1 UNT | | | |
| -013 | MULT STAGE CEMENTING-1ST STAGE | 4511 FT | | 1,765.00 | 1,765.00 |
| 1-016 | | 1 UNT | | | |
| -161 | MULT STAGE CEMENTING-ADD STAGE | 1 STG | | 1,400.00 | 1,400.00 |
| | | 1 UNT | | | |
| 7 6318 | INSERT VALVE F. S. 5 1/2" 8RD | 1 EA | | 350.00 | 350.00 |
| 5.19311 | FILL-UP UNIT 5 1/2"-6 5/8" KANSAS CORPORATION COMMISSION | 1 EA | | 55.00 | 55.00 |
| 16.60022 | CENTRALIZER-S-1/2 X 7-7/8 | 6 EA | | 60.00 | 360.00 |
| 10.8483 | CEMENT BASKET 5 1/2" | 2 EA | | 110.00 | 220.00 |
| 13.56325 | CEMENTER-TYPE P FS 5-1/2 8RD WICHITA, KS | 1 EA | | 2,450.00 | 2,450.00 |
| 13.16510 | PLUG SET - FREE FALL - 2-STAGE | 1 EA | | 460.00 | 460.00 |
| 3-315 | MUD FLUSH | 500 GAL | | .65 | 325.00 |
| 4-163 | CLAYFLIX-II | 2 GAL | | 28.00 | 56.00 |
| 4-316 | CEMENT - HALF LIGHT STANDARD | 300 SK | | 8.03 | 2,409.00 |
| 4-308 | CEMENT - STANDARD | 50 SK | | 8.86 | 443.00 |
| 4-130 | CEMENT - 50/50 POZMIX STANDARD | 50 SK | | 6.75 | 337.50 |
| 3-368 | SALT | 650 LB | | .15 | 97.50 |
| 7-153 | CFR-3 | 24 LB | | 4.85 | 116.40 |
| 8-122 | CAL SEAL 60 | 2 SK | | 25.90 | 51.80 |
| 7-210 | FLOCELE | 61 LB | | 2.15 | 133.65 |
| 7-277 | HALLIBURTON-GEL BENTONITE | 5 SK | | 18.60 | 93.00 |
| 10-207 | BULK SERVICE CHARGE | 429 CFT | | 1.35 | 579.15 |
| 10-306 | MILEAGE UMTG MAT DEL OR RETURN | 999.638 TH | | .95 | 949.66 |

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JUN 06 1996

Handwritten notes:
Paid
10/13/95
10/13/95

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

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 shall be responsible for all attorney's fees and court costs.



HALLIBURTON

HALLIBURTON ENERGY SERVICES

HAL-1906-N

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TICKET

No. **839709 - 2**

CHARGE TO: **OIL PRODUCTIONS**
 ADDRESS: **4003 SEAST**
 CITY, STATE, ZIP CODE: **PRIN, KS**

PAGE 1 OF 2

| | | | | | | | |
|---|---|-------------|-----------------|---------------|------------------------|-----------|-------|
| 1. SERVICE LOCATIONS | WELL/PROJECT NO. | LEASE | COUNTY/PARISH | STATE | CITY/OFFSHORE LOCATION | DATE | OWNER |
| 2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES | NITROGEN JOB? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | CONTRACTOR | RIG NAME/NO | SHIPPED VIA | DELIVERED TO | ORDER NO. | |
| 3. WELL TYPE | WELL CATEGORY | JOB PURPOSE | WELL PERMIT NO. | WELL LOCATION | | | |
| 4. REFERRAL LOCATION | INVOICE INSTRUCTIONS | | | | | | |

| PRICE REFERENCE | SECONDARY REFERENCE/PART NUMBER | ACCOUNTING | | | DESCRIPTION | QTY. | U/M | QTY. | U/M | UNIT PRICE | AMOUNT |
|-----------------|---------------------------------|------------|------|----|------------------------|------|-----|------|-----|------------|---------|
| | | LOC | ACCT | DF | | | | | | | |
| 000-117 | | 1 | | | MILEAGE | 111 | HR | | | 2.14 | 2373.40 |
| 001-012 | 001-016 | 1 | | | PUMP SERVICE 1ST STAGE | 1511 | FT | 5 | 100 | 1765.00 | 1765.00 |
| 001-161 | | 1 | | | PUMP SERVICE 2ND STAGE | 1981 | FT | 1 | 100 | 1400.00 | 1400.00 |
| 26 | 847.6318 | 1 | | | FLUSH VALVE FLOAT SHOE | 1 | EA | 510 | | 235.65 | 235.65 |
| 27 | 815.1431 | 1 | | | DISPERSED WAT | 1 | EA | | | 55.00 | 55.00 |
| 40 | 206.6002 | 1 | | | 4 CONTRA 226 S-4 | 5 | EA | 512 | | 60.00 | 300.00 |
| 320 | 200.8222 | 1 | | | CONTRACTORS | 2 | EA | 512 | | 110.00 | 220.00 |
| 11 | 812.5625 | 1 | | | 25 PIPE REMOVAL (DV) | 1 | EA | 512 | | 2450.00 | 2450.00 |
| 25 | 812.16510 | 1 | | | PIPE TAIL PULL | 1 | EA | 512 | | 460.00 | 460.00 |
| 012-115 | | 1 | | | WATER | 500 | Gal | | | .05 | 25.00 |
| 314-163 | | 1 | | | WATER | 2 | Gal | | | 22.00 | 44.00 |

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: **7-10-95** TIME SIGNED: **2000** P.M.

SUB SURFACE SAFETY VALVE WAS:
 PULLED & RETURN PULLED & RUM

TYPE LOCK DEPTH

BEAN SIZE SPACERS

TYPE OF EQUALIZING SUB. CASING PRESSURE

TUBING SIZE (1) TUBING PRESSURE WELL DEPTH

TREE CONNECTION TYPE VALVE

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 10 6 1996
 INSPECTION DIVISION
 TOPEKA, KS

SURVEY

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

| | | | | |
|-------|------------|-----------|---|--------|
| AGREE | UN-DECIDED | DIS-AGREE | PAGE TOTAL | 7754 |
| | | | FROM CONTINUATION PAGE(S) | 240 |
| | | | SUB-TOTAL APPLICABLE TAXES WILL BE ADDED ON INVOICE | 129676 |

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): **151111 S. M. K.**

CUSTOMER OR CUSTOMER'S AGENT (SIGNATURE): **X**

HALLIBURTON OPERATOR/ENGINEER: **W. W. W.** EMP # **30311**

HALLIBURTON APPROVAL: **[Signature]**



TRK 3860-51252-7610
TICKET CONTINUATION

CUSTOMER COPY

TICKET No. 839109

HALLIBURTON ENERGY SERVICES

CUSTOMER: Oil Producers-of Kansas
WELL: Peter B-2
DATE: XX7-12-95
PAGE: 2 OF 2

FORM 1911 R-10

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | DESCRIPTION | QTY. | | U/M | | UNIT PRICE | AMOUNT | |
|--|-------------------------------------|------------|------|----|--------------------------|--------------|--------------|-----------|--------|------------|----------|--|
| | | LOC | ACCT | DF | | | | | | | | |
| 504-316 | | 1 | | | Halliburton light Cement | 300 | | | | 8 03 | 2,409 00 | |
| 504-308 | | 1 | | | Standard Cement | 50 | | | | 8 86 | 443 00 | |
| 130 | | 1 | | | 50/50 Pozmix Standard | 50 | | | | 6 75 | 337 50 | |
| 504-509-968 | | 1 | | | Salt | 650 | 1b | | | 15 | 97 50 | |
| 507-153 | | 1 | | | CFR-3 | 24 | 1b | | | 4 85 | 116 40 | |
| 508-127 | | 1 | | | Cal Seal | 2 | | | | 25 90 | 51 80 | |
| 507-210 | | 1 | | | Flocele | 81 | 1b | | | 1 65 | 133 65 | |
| 507-277 | | 1 | | | Halliburton Gal@2% W/HLC | 5 | | | | 18 60 | 93 00 | |
| ORIGINAL | | | | | | | | | | | | |
| RECEIVED KANSAS CORPORATION COMMISSION JUN 06 1996 CONSERVATION DIVISION WICHITA, KS | | | | | | | | | | | | |
| 500-207 | | 1 | | | SERVICE CHARGE | CUBIC FEET | | 429 | | 1 35 | 579 15 | |
| 500-306 | | 1 | | | MILEAGE CHARGE | TOTAL WEIGHT | LOADED MILES | TON MILES | | 95 | 949 66 | |
| | | | | | | | | | 35,075 | 57 | 999.638 | |
| CONTINUATION TOTAL | | | | | | | | | | | 5,210.66 | |

No. B 232616



JOB SUMMARY

HALLIBURTON DIVISION

MCS CONTRACT

HALLIBURTON LOCATION

HAYS, KS

BILLED ON TICKET NO.

839109

WELL DATA

FIELD _____ SEC 36 TWP 16S RNG 26W COUNTY NESS 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 | 14 | 5 1/2 | K3 | 4504 | |
| LINER | | | | | | |
| TUBING | | | | | | |
| OPEN HOLE | | | 7 1/2 | 4504 | 4518 | SHOTS/FT. |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |
| PERFORATIONS | | | | | | |

ORIGINAL

JOB DATA

| CALLER OUT | ON LOCATION | JOB STARTED | JOB COMPLETED |
|------------------|------------------|------------------|------------------|
| DATE <u>7-12</u> | DATE <u>7-12</u> | DATE <u>7-12</u> | DATE <u>7-13</u> |
| TIME <u>1700</u> | TIME <u>1400</u> | TIME <u>220</u> | TIME <u>0300</u> |

PERSONNEL AND SERVICE UNITS

| NAME | UNIT NO. & TYPE | LOCATION |
|-------------|-----------------|----------|
| W. WELSON | B9377 | HAYS, KS |
| | PECK-UP 39604 | |
| | COMBO 51374 | |
| D. ASH | E1604 | " |
| | BULK 3850 | " |
| J. BECKER | 43222 | " |
| | BULK 31252-7650 | " |
| T. PHANSTEL | H1092 | " |

TOOLS AND ACCESSORIES

| TYPE AND SIZE | QTY. | MAKE |
|-----------------------------|----------|-------------|
| FLOAT COLLAR <u>FULL-UP</u> | <u>1</u> | <u>HOWE</u> |
| FLOAT SHOE | <u>1</u> | <u>"</u> |
| GUIDE SHOE | | |
| CENTRALIZERS <u>S-4</u> | <u>6</u> | <u>"</u> |
| BOTTOM PLUG | | |
| TOP PLUG <u>PLUG SET</u> | <u>1</u> | <u>"</u> |
| HEAD <u>DV TOOL</u> | <u>1</u> | <u>"</u> |
| PACKER <u>BASKETS</u> | <u>2</u> | <u>"</u> |
| OTHER | | |

MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL. API _____

DISPL. FLUID _____ DENSITY _____ LB./GAL. API _____

PROP. TYPE _____ SIZE _____ LB. _____

PROP. TYPE _____ SIZE _____ LB. _____

ACID TYPE _____ GAL. _____ % _____

ACID TYPE _____ GAL. _____ % _____

ACID TYPE _____ GAL. _____ % _____

SURFACTANT TYPE _____ GAL. _____

NE AGENT TYPE _____ GAL. _____

FLUID LOSS ADD. TYPE _____ GAL.-LB. _____

GELLING AGENT TYPE _____ GAL.-LB. _____

FRIC. RED. AGENT TYPE _____ GAL.-LB. _____

BREAKER TYPE _____ GAL.-LB. _____

BLOCKING AGENT TYPE _____ GAL.-LB. _____

PERFPAC BALLS TYPE _____

OTHER _____

OTHER _____

RECEIVED

KANSAS CORPORATION COMMISSION

JUN 06 1996

CONSERVATION DIVISION

WICHITA, KS

DEPARTMENT CEMENT

DESCRIPTION OF JOB 5 1/2" LONGSTENO - 2 STAGE

DV TOOL & 1981 ST = 20

JOB DONE THRU: TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE X BEND SLOKY

HALLIBURTON OPERATOR Wayne WA COPIES REQUESTED MAX

CEMENT DATA

| STAGE | NUMBER OF SACKS | CEMENT | BRAND | BULK SACKED | ADDITIVES | YIELD CU.FT./SK. | MIXED LBS./GAL. |
|-------|-----------------|---------|-------|-------------|--|------------------|-----------------|
| 1 | 50 | 50 / 50 | | B | 2% GEL, 10% SALT (15% MAX RATIO) | 1.20 | 15.3 |
| 1 | 50 | EA-2 | | B | 5% CALCAL, 18% SALT, 11% FLOCCS, 12% CPA-3 | 1.35 | 15.5 |
| 2 | 300 | HLC | | B | 2% ADDITIONAL GEL, 14% FLOCCS | 1.95 | 12.2 |

PRESSURES IN PSI

CIRCULATING _____ DISPLACEMENT _____

BREAKDOWN _____ MAXIMUM _____

AVERAGE _____ FRACTURE GRADIENT _____

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

HYDRAULIC HORSEPOWER _____

ORDERED _____ AVAILABLE _____ USED _____

AVERAGE RATES IN BPM _____

TREATING _____ DISPL. _____ OVERALL _____

CEMENT LEFT IN PIPE _____

FEET 32.39 REASON BAFFLE

SUMMARY

PRESLUSH-BBL-GAL 12 - 20 TYPE _____

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

TREATMENT: BBL-GAL _____ DISPL: BBL-GAL 109.3

CEMENT SLURRY: BBL-GAL (10.7 - 12.1) = 109

TOTAL VOLUME: BBL-GAL _____

REMARKS

SEE JOB LOG & CHART

TIME 4:22

FIELD OFFICE

CUSTOMER OIL PROPERTIES OF WASTE LEASE PERIODS WELL NO. 2-D JOB TYPE 5 1/2" LONGSTENO DATE 7-13-96



JOB LOG HAI-2013-C

DATE: 4-12-97 PAGE NO: 21

CUSTOMER: OIL PRODUCERS WELL NO: D-2 LEASE: PETERS JOB TYPE: 57" TUBING TICKET NO: 229002

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBLS)(GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS | |
|-------------------------------------|------|------------|--------------------|---|---|----------------|--------|--|--|
| | | | | T | C | TUBING | CASING | | |
| | 1750 | | | | | | | | |
| | 1900 | | | | | | | | |
| | 2220 | | | | | | | | |
| 1 | 2255 | 6 | 12 | | ✓ | | 250 | RELEASE CLOSING PLUG | |
| | 2304 | | | | | | | PUMP MIX CEMENT | |
| | 2308 | 6 | 22.8 | | ✓ | | | MIX CEMENT | |
| | 2317 | | | | | | | WASH OUT PUMP & LINES | |
| | 2318 | 6.5 | 0 | | ✓ | | 400 | RELEASE PLUG & DISPLACE | |
| | 2340 | | 109.3 | | | | 1000 | PLUG DOWN - | |
| | 2344 | | | | | | 1000 | RELEASE - HELD | |
| | | | | RECEIVED KANSAS CORPORATION COMMISSION | | | | | |
| | 2350 | | | | | | | DROP DV OPENING PLUG | |
| | 0004 | | | | | | 700 | OPEN DV | |
| | | | | CONSERVATION DIVISION WICHITA, KS | | | | | |
| | 0112 | 6 | 20 | | ✓ | | 200 | PUMP CEMENT & PREFLUSH | |
| | 0117 | 6.5 | 0 | | ✓ | | 200 | MIX CEMENT | |
| | 0133 | | 104 | | | | | WASH OUT PUMP & LINES | |
| | 0134 | 6 | 0 | | ✓ | | 500 | RELEASE CLOSING PLUG & DISPLACE | |
| | 0147 | | 48.3 | | ✓ | | 1500 | PLUG DOWN | |
| | 0149 | | | | | | 1500 | RELEASE - HELD | |
| CIRCULATED 35 SKS TO PIT | | | | | | | | | |
| WASH-UP | | | | | | | | | |
| RACK-UP | | | | | | | | | |
| | 0300 | | | | | | | JOB COMPLETE | |
| TOTAL VOLUME WAS 200 JOB TIME | | | | | | | | | |
| PUMP TIME - 60 MIN | | | | | | | | | |

ORIGINAL