

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 9953

Name: Harris Oil & Gas Company

Address: 1125 17th Street - Suite 2290

City/State/Zip: Denver, Colorado 80202

Purchaser: _____

Operator Contact Person: Doug Hoisington

Phone: (303) 293-8838

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Kris Kennedy

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil SWD SLOW Temp. Abd.
- Gas ENHR SIGW
- Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: n/a

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to Enhr./SWD

Plug Back Plug Back Total Depth

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Enhr.?) Docket No. _____

| | | |
|-----------------------------------|-----------------|---|
| <u>03-14-03</u> | <u>03-22-03</u> | <u>5-1-03</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

*w/frm KCC
4/10/06*

API No. 15 185-23177-00-00

County: Stafford County, Kansas

NE SE SE Sec. 3 Twp. 22 S. R. 13 East West

1020 feet from S N (circle one) Line of Section

330 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Fischer Well #: 1-3

Field Name: Gates

Producing Formation: Arbuckle

Elevation: Ground: 1883' Kelly Bushing: 1891'

Total Depth: 3850' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 740 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

ACT I WITH 46-10-06

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume 720 bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name: Bob's Oil Service, Inc.

Lease Name: Teichman SWD License No.: 32408

Quarter SW Sec. 16 Twp. 22 S. R. 12 East West

County: Stafford Docket No.: D-23,722

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

Title: President Date: 07/15/2003

Subscribed and sworn to before me this 15th day of July, 2003

Notary Public: Tracy Carney

Date Commission Expires: 3-17-2004

KCC Office Use ONLY

DPW Letter of Confidentiality Attached DPW

465 If Denied, Yes Date: 07-17-03 (2)

465 Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: **Harris Oil & Gas Company** Lease Name: **Fischer** Well #: **1-3**

Sec. **3** Twp. **22** S. R. **13** East West County: **Stafford County, Kansas**

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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: **Borehole Compensated Sonic
Dual Compensated Porosity
Dual Induction
Microresistivity**

Log Formation (Top), Depth and Datum Sample
Name Top Datum
(attached)

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|------------------|-------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacs Used | Type and Percent Additives |
| Surface | 12-1/4" | 8-5/8" | 24# | 740' | 70/30 Poz | 390 | 3%cc 2%gel |
| Production | 7-7/8" | 5-1/2" | 14# | 3849' | 50/50 Poz | 125 | |

| 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 | | n/a | | |

| 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 |
|----------------|---|---|----------------------|
| 2 | Arbuckle "B" | 250 gal. MCA and KCl water | 3714' - 3720' |

| TUBING RECORD | | Size | Set At | Packer At | Liner Run | | | |
|--|-----|---|--------------|--------------|---|-----------|---------------|------------|
| | | 2 7/8" | 3705' | 3695' | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Date of First, Resumerd Production, SWD or Enhr. | | Producing Method | | | | | | |
| 05/01/2003 | | <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 |
| | | 30 | | 0 | | 60 | n/a | 38° |

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

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Sumit ACO-18.) Other (Specify)

Fischer #1-3

DST #1

Superior Testers Enterprises, Inc.

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

(316) 792-6902

RECEIVED

JUL 17 2003

KCC WICHITA

Date 03-19-2003 Location 1029/330/3-22-13 Elevation 1883.66 County Staffed

Company Harris Oil & Gas Company Number of Copies 5

Charts Mailed to 1125 17th Street Suite 2290 DENVER Colorado 80202

Drilling Contractor Duke Drilling Rig #8

Length Drill Pipe 3447 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 NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3461 Bottom Packer Depth 3466 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3466 TO 3485 ANCHOR LENGTH 19 TOTAL DEPTH 3485 Hole Size 7 7/8"

LEASE & WELL NO. Fischer #1-3 FORMATION TESTED Kansas City #4 TEST NO. 1

Mud Weight 9.2 Viscosity 42 Water Loss 10.0 Chlorides - Pits 3300 D.S.T.

Maximum Temp. 104 °F Initial Hydrostatic Pressure (A) 1751 P.S.I. Final Hydrostatic Pressure (H) 1269 P.S.I.

Tool Open I.F.P. from 9:30 am to 10:00 pm 30 min

Tool Closed I.C.I.P. from 10:00 am to 10:30 pm 30 min

Tool Open F.F.P. from 10:30 am to 11:00 pm 30 min

Tool Closed F.C.I.P. from 11:00 am to 11:30 pm 30 min

Initial Blow Very weak surface blow for 9 minutes & DIED

Final Blow NO blow

Total Feet Recovered 3 Gravity of Oil Corrected

3 Feet of Drilling mud %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

Feet of %Gas %Oil %Mud %Water

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

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

Top Recorder No. 20507 Clock No. Electronic Depth 3478 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13208 Clock No. 47441 Depth 3482 Insurance NONE

Price of Job

Tool Operator Gene Budig

Approved By

Nº 12363

| | | | | |
|----------|----|---------------|----|--------|
| from [B] | 35 | P.S.I. to [C] | 36 | P.S.I. |
| [D] | 71 | | | P.S.I. |
| from [E] | 36 | P.S.I. to [F] | 37 | P.S.I. |
| [G] | 51 | | | P.S.I. |

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, of 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.

Fischer #1-3
DST #2
Superior Testers Enterprises, Inc.
R.R. 3, Box 295B, Great Bend, Kansas 67530
(316) 792-6902

RECEIVED
JUL 17 2003
KCC WICHITA

Date 03-20-2003 Location 102nd / 33rd / HWY 3-22-13^W Elevation 1891 RB 18836 L County Stafford

Company Hager Oil & Gas Company Number of Copies 5

Charts Mailed to 1125 17th Street Suite 2290 Denver Colorado 80202

Drilling Contractor Duke Drilling Rig #8

Length Drill Pipe 3465 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 NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3479 Bottom Packer Depth 3484 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3484 TO 3528 ANCHOR LENGTH 44 TOTAL DEPTH 3528 Hole Size 7 7/8"

LEASE & WELL NO. Fischer #1-3 FORMATION TESTED Kansas City "FJ" TEST NO. 2

Mud Weight 9.3 Viscosity 56 Water Loss 8.9 Chlorides - Pits 4300 D.S.T. _____

Maximum Temp. 105 °F Initial Hydrostatic Pressure (A) 1783 P.S.I. Final Hydrostatic Pressure (H) 1696 P.S.I.

Tool Open I.F.P. from 10:45 A.M. to 11:30 A.M. 45 min

from [B] 52 P.S.I. to [C] 59 P.S.I.

Tool Closed I.C.I.P. from 11:30 A.M. to 12:15 A.M. 45 min

[D] 811 P.S.I.

Tool Open F.F.P. from 12:15 P.M. to 1:15 P.M. 60 min

from [E] 59 P.S.I. to [F] 72 P.S.I.

Tool Closed F.C.I.P. from 1:15 P.M. to 2:45 P.M. 90 min

[G] 840 P.S.I.

Initial Blow WEAK building blow built to 6 1/2 inches into the water

Final Blow WEAK building blow built to 6 1/4 inches into the water

Total Feet Recovered 55 NO blow back on shut-in's Gravity of Oil _____ Corrected

120 Feet of Gas in the Pipe _____ % Gas _____ % Oil _____ % Mud _____ % Water

55 Feet of SLIGHTLY Oil cut mud 0 % Gas 3 % Oil 97 % Mud 0 % Water

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

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

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

_____ 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 _____

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

Top Recorder No. 80507 Clock No. Electronic Depth 3524 Cir. Sub NONE Sampler NONE

Bottom Recorder No. 13208 Clock No. 47441 Depth 3525 Insurance NONE

Price of Job _____

Tool Operator Gene Bushig

Approved By _____

No 12364

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.

Fischer #1-3

DST #3

Superior Testers Enterprises, Inc.

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

(316) 792-6902

RECEIVED

JUL 17 2003

KCC WICHITA

Date 03-21-03 Location 10 1/2" 3 3/4" 3-22 1/2" 13" Elevation 1891 KB. 18936 L. County Stafford

Company Harris Oil & Gas Company Number of Copies 5

Charts Mailed to 1125 17th Street Suite 2290 Denver Colorado 80202

Drilling Contractor Duke Drilling Rio #8

Length Drill Pipe 3635 I.D. Drill Pipe 380 Tool Joint Size 4 1/2" X 1 1/2"

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

Length Drill Collars NONE I.D. Drill Collars NONE Tool Joint Size NONE

Top Packer Depth 3649 Bottom Packer Depth 3654 Number of Packers 2 Packer Size 6 3/4"

TESTED FROM 3654 TO 3723 ANCHOR LENGTH 69 TOTAL DEPTH 3723 Hole Size 7 7/8"

LEASE & WELL NO. Fischer #1-3 FORMATION TESTED Arbuckle TEST NO. 3

Mud Weight 12.95 Viscosity 62 Water Loss 9.4 Chlorides - Pits 4300 D.S.T. 22000

Maximum Temp. 119 °F Initial Hydrostatic Pressure (A) 1842 P.S.I. Final Hydrostatic Pressure (H) 1798 P.S.I.

Tool Open I.F.P. from 10:45 A m to 11:15 A m 30 min from [B] 270 P.S.I. to [C] 658 P.S.I.

Tool Closed I.C.I.P. from 11:15 A m to 11:45 A m 30 min [D] 1271 P.S.I.

Tool Open F.F.P. from 11:45 A m to 12:15 P m 30 min from [E] 658 P.S.I. to [F] 905 P.S.I.

Tool Closed F.C.I.P. from 12:15 P m to 10:15 P m 60 min [G] 1265 P.S.I.

Initial Blow Fair blow built to the bottom of a 5 Gallon bucket in 1 minute

Final Blow Fair blow built to the bottom of a 5 Gallon bucket in 1 minute

Total Feet Recovered 2130 Gravity of Oil 33 1/2 Corrected

700 Feet of Gas in the Pipe 100 % Gas - % Oil - % Mud - % Water

810 Feet of MUDDY Gassy Oil 35 % Gas 50 % Oil 15 % Mud 0 % Water

1200 Feet of Clean Gassy Oil - Gravity 33 1/2 corr. 30 % Gas 20 % Oil 0 % Mud 0 % Water

120 Feet of SLIGHTLY muddy water with a trace of 7 % Gas 7 % Oil 6 % Mud 87 % Water

Feet of 0.1 % Gas % Oil % Mud % Water

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

Extra Equipment - Jars None Safety Joint None Extra Packer None Straddle None Hook Wall None

Top Recorder No. 80507 Clock No. Electronic Depth 3716 Cir. Sub None Sampler None

Bottom Recorder No. 13208 Clock No. 47441 Depth 3720 Insurance None

Price of Job

Tool Operator Hans Buldy

Approved By

NO 12365

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ALLIED CEMENTING CO., INC.

6096

Federal Tax I.D.# ~~XXXXXXXXXX~~

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

SERVICE POINT: At Bend

| | | | | | | | |
|----------------------------------|---------------|-------------------|--|---------------------------|----------------------------|--------------------------|---------------------------|
| DATE <u>3-15-03</u> | SEC. <u>3</u> | TWP. <u>22</u> | RANGE <u>13</u> | CALLED OUT <u>3:30 AM</u> | ON LOCATION <u>5:30 AM</u> | JOB START <u>6:45 AM</u> | JOB FINISH <u>7:30 AM</u> |
| LEASE <u>Fischer</u> | | WELL # <u>1-3</u> | LOCATION <u>281+K-19 1E, 1/4N, W/S</u> | | COUNTY <u>Stafford</u> | STATE <u>Ks</u> | |
| OLD OR <u>(NEW)</u> (Circle one) | | | | | | | |

CONTRACTOR Aube #8

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 740'

CASING SIZE 8 5/8 DEPTH 740'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 20'

PERFS.

DISPLACEMENT 4 bbls

OWNER Same

CEMENT

AMOUNT ORDERED 390 lbs 70/30 320 cc, 270 mel

EQUIPMENT

PUMP TRUCK CEMENTER Tom D

181 HELPER Bob B

BULK TRUCK

344 DRIVER Don D

BULK TRUCK

DRIVER

| | | | | |
|----------|---------------|---|--------------|----------------|
| COMMON | <u>273 lb</u> | @ | <u>6.65</u> | <u>1815.45</u> |
| POZMIX | <u>117 lb</u> | @ | <u>3.55</u> | <u>415.35</u> |
| GEL | <u>7 lb</u> | @ | <u>10.00</u> | <u>70.00</u> |
| CHLORIDE | <u>12 lb</u> | @ | <u>30.00</u> | <u>360.00</u> |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>409 lb</u> | @ | <u>1.10</u> | <u>449.90</u> |
| MILEAGE | <u>409 sk</u> | @ | <u>15</u> | <u>245.10</u> |

RECEIVED TOTAL 3356.10

JUL 17 2003

KCC WICHITA SERVICE

REMARKS:

Ran 740' of 8 5/8" csg. Brake circulation. Mixed 390 lbs 70/30 320 cc 270 mel. Released plug. Displaced with fresh H₂O.

| | | | | |
|------------------------------|-------------|---|--------------|---------------|
| DEPTH OF JOB | <u>740'</u> | | | |
| PUMP TRUCK CHARGE | | | | <u>520.00</u> |
| EXTRA FOOTAGE | <u>440</u> | @ | <u>.50</u> | <u>220.00</u> |
| MILEAGE | <u>15</u> | @ | <u>3.00</u> | <u>45.00</u> |
| PLUG 1 - <u>8 5/8 Rubber</u> | | @ | <u>45.00</u> | <u>45.00</u> |
| | | @ | | |
| | | @ | | |

TOTAL 8306.00

Cement did circulate

[Signature]

CHARGE TO: Harris Oil & Gas Co

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

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

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____

TOTAL CHARGE 4186.10

DISCOUNT 418.61 IF PAID IN 30 DAYS 1/7 3767.49

SIGNATURE [Signature]

SIGNATURE [Signature]
PRINTED NAME



INVOICE NO.
Date **3-22-03**
Customer ID

Subject to Correction
Lease **FISCHER**
County **STAFFORD**

FIELD ORDER
Well # **1-3**
State **KS**

6122
Legal **3-22-13**
Station **PRATT, KS**

CHARGE

HARRIS OIL & GAS
Depth
Formation
Shoe Joint
Casing **5 1/2** Casing Depth **3849'** TD **3850** Job Type **LOWCOSTING - WE**
Customer Representative **J. ZOLLER** Treater **K. GORSLY**

AFE Number PO Number Materials Received by **X [Signature]**

| Product Code | QUANTITY | MATERIAL, EQUIPMENT and SERVICES USED | UNIT PRICE | AMOUNT | ACCOUNTING | | |
|--------------|----------|---------------------------------------|------------|----------|----------------|--------|--|
| | | | | | CORRECTION | AMOUNT | |
| D204 | 175 SK | 50/50 POL CEMENT | ✓ | | | | |
| D203 | 75 SK | 60/40 POL CEMENT | ✓ | | | | |
| C195 | 105 lb. | FLA-322 | ✓ | | | | |
| C243 | 11 lb. | DEFORMER | ✓ | | | | |
| C310 | 210 lb. | CIA COLUMN CHEROKEE | ✓ | | | | |
| C311 | 625 lb. | CIA SET | ✓ | | | | |
| C320 | 210 lb. | CEMENT GEL | ✓ | | | | |
| C321 | 625 lb. | CEMENT GEL | ✓ | | | | |
| C141 | 10 gal | CC-1 | ✓ | | | | |
| C304 | 500 gal | SUPERFLUSH II | ✓ | | | | |
| F101 | 7 EA. | 5 1/2 TURBOLIDER | ✓ | | | | |
| F191 | 1 EA. | 5 1/2 GUIDE SHOE | ✓ | | | | |
| F231 | 1 EA. | 5 1/2 APL INSERT FRONT | ✓ | | | | |
| F143 | 1 EA. | 5 1/2 TOP RUBBER RING | ✓ | | | | |
| RECEIVED | | | | | | | |
| JUL 17 2003 | | | | | | | |
| KCC WICHITA | | | | | | | |
| E107 | 150 SK. | CEMENT SAND. CHEROKEE | | | | | |
| E100 | 40 mile | UNITS MILES | | | | | |
| E104 | 254 TM | TONS MILES | | | | | |
| R200 | 1 EA. | EA. 3849' PUMP CHARGE | | | | | |
| R701 | 1 EA. | CEMENT HEAD RENTAL | | | | | |
| R702 | 1 EA. | CASING SLEEVER | | | | | |
| ARCE | | | | 2 | 5443.34 | | |

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383

TOTAL



TREATMENT REPORT

| | | | |
|---------------------------------|----------------------|------------------------------|--------------------|
| Customer ID | | Date | |
| Customer THANKS OIL & GAS | | 3-22-03 | |
| Lease FISCHER | | Lease No. | Well # 1-3 |
| Field Order # 6122 | Station PRATT, KS | Casing 5 1/2 | Depth 3849' |
| Type Job CONCRETE - NEW WELL | | Formation TD-3850' | County STAFFORD |
| | | State KS | |
| | | Legal Description 3-22-13 | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|----------------------|--------------|------------------|----|------------|--|------------------|-------|------------------|
| Casing Size 5 1/2 | Tubing Size | Shots/Ft | | Acid | | RATE | PRESS | ISIP |
| Depth 3849' | Depth | From | To | Pre Pad | | Max | | 5 Min. |
| Volume | Volume | From | To | Pad | | Min | | 10 Min. |
| Max Press | Max Press | From | To | Frac | | Avg | | 15 Min. |
| Well Connection | Annulus Vol. | From | To | | | HHP Used | | Annulus Pressure |
| Plug Depth 3834' | Packer Depth | From | To | Flush | | Gas Volume | | Total Load |

| | | | | |
|--------------------------------------|------------------------------|----------------------|----|----|
| Customer Representative J. ZOLLER | Station Manager D. AUSTIN | Treater K. GORDON | | |
| Service Units | 107 | 27 | 38 | 71 |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|------|-----------------|-----------------|--------------|------|--|
| 1230 | | | | | ON LOCATION |
| 1400 | | | | | RUN 304.215 1/2 CASING. RUN GUIDE SHOE INSERT FROM SW 1/4 CENT. - 1-2-3-5-8-10-12 TO BOTTOM, DROP BALL, BREAK CIRC ROTATE CASING |
| 1645 | 200 | | 20 | 6 | PUMP 20 bbl 2% KEL H2O |
| | 200 | | 12 | 6 | PUMP 12 bbl SUPERFLUSH |
| | 200 | | 3 | 6 | PUMP 3 bbl H2O SPECIAL WATER CEMENT |
| | 100 | | 34 | 6 | 125 SK. 59/50 FOR 5" GILSONITE, 5" CEMENT, 1% FEA-322, 1/16" DEFORMER, 2% CC, 14.0 PPG, 1.56 A3/SK |
| | 0 | | 0 | 7 | SHUT DOWN, WASH CONE, DROP PLUG |
| | 300 | | 68 | 7 | START DISP - 2% KEL H2O |
| | 500 | | 85 | 4 | LIFT CEMENT |
| | | | | | SLOW RATE |
| 1715 | 1200 | | 93 1/2 | 4 | PULL DOWN - RELEASE - HOLD |
| | | | | | 25 SK. 60/40 PPG -> PULL RT & W/H. |

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

1800 JOB COMPLETE White - Accounting • Canary - Customer • Pink - Field Office THANKS - KAREN Taylor Printing, Inc.