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KANSAS CORPORATION COMMISSION

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ORIGINAL

DEC 04 1998

FORM MUST BE TYPED

SIDE ONE

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

CONFIDENTIAL

APR 15- 151-22168-00-00

County PRATT CONSERVATION DIVISION
NW/4. NW. SE. NE sec. 7 Twp. 27S Rng. 12E KS X

Operator: License # 32343

Name: PETRO-X OIL & GAS CO., INC.

Address 1645 COURT PLACE, SUITE 208

City/State/Zip DENVER, CO 80202

Purchaser: DYNERGY AND PLAINS MKTC & TRANS.

Operator Contact Person: DAVID JONES

Phone (303) 534-0331

Contractor: Name: ALLEN DRILLING CO.

License: 5418

Wellsite Geologist: JAMES MUSGROVE

Designate Type of Completion
 New Well Re-Entry Workover

Oil SMD SIOW Temp. Abd.
 Gas ENHR SIOW
 Dry Other (Core, VSU, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

_____ Deepening _____ Re-perf. _____ Conv. to Inj/SMD
_____ Plug Back _____ PSTD
_____ Commingled _____ Docket No. _____
_____ Dual Completion _____ Docket No. _____
_____ Other (SMD or Inj?) _____ Docket No. _____

8/15/98 8/23/98 9/10/98
Spud Date Date Plugged TD Completion Date

360 Feet from S (circle one) Line of Section

960 Feet from W (circle one) Line of Section

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

Lease Name POLLOCK Well # 4

Field Name IUKA-CARMI

Producing Formation VIOLA

Elevation: Ground 1890' KB 1900'

Total Depth 4335 PSTD _____

Amount of Surface Pipe Set and Cemented at 371 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/ _____ sq cmt.

Drilling Fluid Management Plan Att. 1-6-99 UC
(Data must be collected from the Reserve Pit)

Chloride content 30,000 ppm Fluid volume 300 bbls

Desulfuring method used WATER TRUCK

Location of fluid disposal if hauled offsite: _____

Operator Name CDR EXPLORATION, INC.

Lease Name McFADDEN License No. 24763

NW Quarter Sec. 6 Twp. 27 S Rng. 12 X

County PRATT Section No. _____

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Signature [Handwritten Signature]
Title PRESIDENT Date 11/02/98
Subscribed and sworn to before me this 3rd day of December
19 98
Notary Public [Handwritten Signature]
Date Commission Expires October 14, 1999

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

Form ACO-1 (7-91)

JAN 1990

SIDE TWO

Operator Name PETRO-X OIL & GAS CO. INC.

Lease Name POLLOCK

Well # 4

Sec. 7 Twp. 27S Rge. 12 East

County PRATT

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:
 DUAL COMPENSATED POROSITY
 DUAL INDUCTION
 CEMENT BOND LOG

| Log Name | Formation (Top), Depth and Datum | | <input checked="" type="checkbox"/> Sample |
|----------|----------------------------------|-------|--------------------------------------------|
| | Top | Datum | |
| ARBUCKLE | 4231 | -2431 | |
| SIMPSON | 4258 | -2344 | |
| VIOLA | 4182 | -2281 | |

| 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 | 12 1/4 | 8 5/8" | 20# | 371 | 60-40 POZ | 275 | 2%GEL, 2%CC |
| PRODUCTION | 7 7/8 | 5 1/2" | 15.50# | 4326 | 50-50POZ | 190 | 2%GEL, 3%FL52 |

| 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 |
|----------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------|-------|
| | | 3 | 4ft 12shots 4184'-4188' | |
| | | FRAC 34,000lbs(23,500# 20/40; | | |
| | | 10,500# 12/20) SAND | | |

| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------|
| | 2 3/8 | 4100' | | |
| Date of First, Resumed Production, SMD or Inj. | | Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) | | |
| 9/12/98 9-12-98 | | | | |
| Estimated Production Per 24 Hours | Oil 20 Bbls. | Gas 0 Mcf | Water 40 Bbls. | Gas-Oil Ratio 38 Gravity |

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Confringed

Production Interval: Other (Specify) _____

ORIGINAL

INVOICE NO. 1364
FIELD TICKET NO. 5624
DATE 8-17-98

UNITED CEMENTING & ACID CO., INC.

REMIT TO
BOX 712
EL DORADO, KANSAS 67042

(316) 321-4680

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PETRO-X OIL & GAS CO.
1645 Court Place #208
Denver CO 80202

CONSERVATION DIVISION FULLY INSURED
WICHITA, KS

API 15-151-22168-00-00 P.O.#

| DATE OF JOB | COUNTY | STATE | LEASE | WELL NO. |
|---------------------------------------|------------------------|---------------------------------------------------|------------|-------------------|
| 8-15-98 | Pratt | KS | Follock | 4 |
| SIZE OF CASING | DEPTH OF WELL | DEPTH OF JOB | PLUG DEPTH | PRESSURE |
| 8 5/8" | 350' | 371' | | |
| Cementing surface pipe. | | | | |
| 275 sax | 60/40 Fox Mix | (1) Cementing unit @ 4.45 per sax | | 407.50 |
| 8 sax | Gel | @ 8.50 per sax | | 1,223.75 |
| 8 sax | Calcium Chloride | @ 25.00 per sax | | 51.00 |
| 2 | 8 5/8" Centralizer | @ 40.50 ea. | | 200.00 |
| | Bulk charge | @ .85 x 289 sax | | 81.00 |
| | Drayage | @ 14.50-T x .63 x 65 mi. (actual mileage -115 mi) | | 245.65 |
| 1 | 8 5/8" Top Wooden Plug | @ 41.00 ea. | | 593.78 |
| | | | | 41.00 |
| SALES TAX | | | | \$ 143.73 |
| *****PAID by Check #1035 Petro-X***** | | | | TOTAL \$ 2,987.41 |

TERMS: NET 30 DAYS FROM INVOICE DATE
PLEASE PAY FROM THIS INVOICE



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SALES OFFICE:
 105 S. Broadway
 Suite #490
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX
 (316) 734-5071 Cel

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX
 (316) 546-5548 Cel

Invoice

APR 15 151 22168 .00 .00

| | | | | | | |
|---------------------------------------------------------------------------|--------------------|-----------------|------------------|-----------------------|--------------|-------------------|
| Bill to: | | 7004000 | Invoice | Invoice Date | Order | Order Date |
| PETRO-X OIL & GAS 1645 Court Place, Suite 208 Denver, CO 80202-4508 | | | 980904 | 9/10/98 | 1013 | 9/3/98 |
| Service Description | | | | | | |
| Acidize | | | | | | |
| Lease | | | | | Well | |
| Pollock | | | | | 4 | |
| AFE | CustomerRep | Treater | Well Type | Purchase Order | Terms | |
| | Rance Denton | Martin Flemming | New Well | | Net 30 | |

| <u>ID.</u> | <u>Description</u> | <u>UOM</u> | <u>Quantity</u> | <u>Unit Price</u> | <u>Price</u> |
|------------|-------------------------------------------------|------------|-----------------|-------------------|--------------|
| A303 | 10% HCL, PRATT | GAL | 350 | \$1.10 | \$385.00 (T) |
| A310 | MCA ACID CONVERSION | GAL | 350 | \$0.60 | \$210.00 (T) |
| C110 | AHIB-1, ACID INHIBITOR | GAL | 1 | \$30.00 | \$30.00 (T) |
| C141 | CC-1, KCL SUBSTITUTE | GAL | 3 | \$40.00 | \$120.00 (T) |
| E200 | ACID PUMP SERVICE, 0-3000 PSI, 1ST 4 HRS ON LOC | EA | 1 | \$600.00 | \$600.00 |
| E100 | HEAVY VEHICLE MILEAGE - 1 WAY | MI | 5 | \$2.50 | \$12.50 |

Sub Total: \$1,357.50

Discount: \$345.05

Discount Sub Total: \$1,012.45

Tax Rate: 5.90% **Taxes:** \$32.78

(T) Taxable Item

Total: \$1,045.23

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CONSERVATION DIVISION
 WICHITA, KS

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PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



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ORIGINAL

FIELD ORDER

01013

INVOICE NO.
Date 9-3-98
Customer ID

Subject to Correction

Lease Pollock
Lease No.
Station Pratt
County Pratt
Well # 4
State KS

CHARGE

Petro X Oil & Gas

Depth Formation Tight Hole
Casing Casing Depth TD
Legal Description Sec- 7-279-124
Job Type Acid New Well

Customer Representative Ronce Denton
Treater MC Flemming
API 15.151-22168-00-00

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AFE Number PC Number Materials Received by X

| Product Code | QUANTITY | MATERIAL, EQUIPMENT and SERVICES USED | UNIT PRICE | AMOUNT | ACCOUNTING | |
|--------------|----------|---------------------------------------|------------|--------------------|------------|--------|
| | | | | | CORRECTION | AMOUNT |
| A303 | 350 | GALS. 10% HCL ACID | | | | |
| A310 | 350 | GALS. MCA ACID CONV | | | | |
| | | GALS. ACID | | | | |
| c110 | 1 | GALS. Ahib-1 INHIBITOR | | | | |
| c141 | 3 | LBS. 901 CC-1 KCL | | | | |
| | | GALS. SURFACTANT | | | | |
| | | GALS. ADDITIVE | | | | |
| | | BALL SEALERS | | | | |
| | | LBS. GEL | | | | |
| | | LBS. SAND | | | | |
| | | LBS. SAND | | | | |
| | | LBS. PUMP CHARGE | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| E200 | 1 | 0-3000# PRESSURE ACID PUMP | | | | |
| | | BALL INJECTOR | | | | |
| | | HHP | | | | |
| | | BPM BLENDER | | | | |
| F100 | 5 | UNITS 1 MILES 5 | | | | |
| | | TONS MILES SAND | | | | |
| | | Discount Price | | 1018 ¹³ | | |
| | | Plus Tax | | 27 ¹⁰ | | |
| | | Prepaid Total | | 1045 ²³ | | |

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CONSERVATION DIVISION
WICHITA, KS

TOTAL



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MAR 28 2001

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TREATMENT REPORT

ORIGINAL

APL 15-151-22168-00-00

007.11

| | | | |
|-------------------------------|------------------|-----------------------------------|-------------|
| Customer ID | | Date | |
| Customer Petco x oil & Gas | | 9-3-98 | |
| Lease Pollock | | Lease No. | Well # 4 |
| Field Order # 01013 | Station Pratt | Casing | Depth |
| Type Job Acid New Well | Formation | County Pratt | State KS |
| | | Legal Description SEC 7-27-124 | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|-----------------|----------------------|------------------|----|---------------------------|-------------|------------------|---------------------|--|
| Casing Size | Tubing Size 2 3/8 | Shots/Ft | | Acid 350gal 110 90 MCA | RATE | PRESS | ISIP 150 | |
| Depth | Depth 4150 | From | To | Pre Pad | Max 3.25 | 1600 | 5 Min. 2 MIN Vac | |
| 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 | Packer Depth | From | To | Flush 19 BBL KCL | Gas Volume | | Total Load | |

| | | |
|-----------------------------------------|----------------------------|----------------------|
| Customer Representative Rence Denton | Station Manager J Astry | Treater McFleming |
|-----------------------------------------|----------------------------|----------------------|

| | | | | | | | |
|---------------|-------|----|--|--|--|--|--|
| Service Units | 21-50 | 04 | | | | | |
|---------------|-------|----|--|--|--|--|--|

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|------|-----------------|-----------------|--------------|-------------|--------------------------------------------------|
| 1100 | | | | | ON LOCATION |
| 1125 | | | | | Set up Hold Safety Meeting |
| 1133 | | 0 | | | Start 100gal Acid via 2 3/8 ^{TO} pickle |
| 1134 | | 250 | 2.3 | 1.5 | Start 17 BBL KCL Water |
| 1145 | | 150 | 19.5 | 1.0 | Acid clear of Tubing shut down |
| 1150 | | | | | Start Water via ANN TO REV. OUT |
| 1204 | 200 | | 41 | | Acid OUT |
| 1217 | | | | 1.5 | Start 250gal Acid |
| 1220 | | 200 | 6 | 1.5 | Start 19 DBL Flush |
| 1227 | | 150 | 17 | 1.5 | Acid on BOTTOM Set Packer |
| 1237 | | 450 | | | START TREATMENT |
| 1244 | | 800 | | | Exc Press |
| 1248 | | 300 | | | Release - Check Packer |
| 1300 | | 600 | | | Press up |
| 1302 | | 400 | | | Release |
| 1307 | | 700 | | | Press Ann |
| 1310 | | 800 | | | Press Tubing |
| 1312 | | 1600 | | | Exc Press |
| 1325 | | 1600 | 19.4 | | Feeding |
| 1329 | | 1200 | | 1.25 - 3.25 | Exc Press Start Exc Rate |
| 1333 | | 1000 | 26 | 3.25 | Flush in |

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CONSERVATION DIVISION
WICHITA, KS

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SALES OFFICE:
 105 S. Broadway
 Suite #490
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 (316) 262-3699
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 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX
 (316) 546-5548 Cel

KCC

Invoice

APR 15 15:15 27/10/98 CO.05

| | | | | | | |
|---------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|----------------------|------------------------|-----------------|----------------------|
| Bill to: PETRO-X OIL & GAS 1645 Court Place, Suite 208 Denver, CO 80202-4508 | | DEC 03 1998 CONFIDENTIAL RECEIVED CORPORATION COMMISSION DEC 04 1998 | Invoice 980909 | Invoice Date 9/4/98 | Order 883 | Order Date 9/4/98 |
| Service Description Fracture New Well. | | | | | | |
| | | | Lease Pollock | Well 4 | | |
| AFE Rance Denton | CustomerRep Martin Flemming | Treater New Well | Well Type Pollock | Purchase Order 4 | Terms Net 30 | |

| ID. | Description | UOM | Quantity | Unit Price | Price |
|------|----------------------------------------------------|-----|----------|------------|----------------|
| C141 | CC-1, KCL SUBSTITUTE | GAL | 40 | \$40.00 | \$1,600.00 (T) |
| C230 | S-1, FLUROSURFACTANT | GAL | 40 | \$32.50 | \$1,300.00 (T) |
| C233 | NE-1, NON-EMULSIFIER | GAL | 40 | \$33.00 | \$1,320.00 (T) |
| C200 | A-GEL | LB | 1600 | \$5.25 | \$8,400.00 (T) |
| P105 | 20/40 OTTAWA SAND | CWT | 235 | \$8.50 | \$1,997.50 (T) |
| P101 | 12/20 BRADY SAND | CWT | 105 | \$8.90 | \$934.50 (T) |
| P400 | 20/40 MESH OR SMALLER PROP PUMP CHARGE | CWT | 235 | \$0.35 | \$82.25 |
| P401 | 16/30 MESH OR LARGER PROP PUMP CHARGE | CWT | 105 | \$1.00 | \$105.00 |
| C121 | BIO-2, BIOCIDES | GAL | 10 | \$25.00 | \$250.00 (T) |
| C162 | TXL, CROSSLINKER | GAL | 36 | \$65.00 | \$2,340.00 (T) |
| C164 | BREAKER 'E', ENZYME BREAKER | GAL | 4 | \$150.00 | \$600.00 (T) |
| E800 | FRAC. TANK RENTAL (3 Days) | EA | 2 | \$350.00 | \$700.00 |
| E200 | ACID PUMP SERVICE, 0-3000 PSI, 1ST 4 HRS ON LOC | EA | 1 | \$600.00 | \$600.00 |
| E601 | CHEMICAL INJECTOR/FOAM INJECTOR PUMP, PER JOB | EA | 1 | \$300.00 | \$300.00 |
| E400 | TC1000 FRAC PUMP, 1ST 4 HRS | EA | 1 | \$3,000.00 | \$3,000.00 |
| B10 | BLENDER, 0-10 BPM, 1ST 4 HRS | EA | 1 | \$1,200.00 | \$1,200.00 |
| E100 | HEAVY VEHICLE MILEAGE - 1 WAY | MI | 20 | \$2.50 | \$50.00 |
| E104 | PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN | TM | 200 | \$1.00 | \$200.00 |

Sub Total: \$24,979.25
 Discount: \$6,708.14

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



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SALES OFFICE:
105 S. Broadway
Suite #490
Wichita KS 67202
(316) 262-3699
(316) 262-5799 FAX
(316) 734-5071 Cel

SALES & SERVICE OFFICE:
10244 NE Hiway 61
P.O. Box 8613
Pratt, KS 67124-8613
(316) 672-1201
(316) 672-5383 FAX
(316) 546-5548 Cel

APT 15-151-72162-0000

Invoice

| | | |
|------------------------|----------------------------|--------------------|
| | Discount Sub Total: | \$18,271.11 |
| Tax Rate: 5.90% | Taxes: | \$808.82 |
| (T) Taxable Item | Total: | \$19,079.93 |

PAID BY WIRE TRANSFER 0.00

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CONSERVATION DIVISION
WICHITA, KS

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



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FIELD ORDER

00883

| | | | |
|----------------------|--------------------------------------|------------------------|---------------------------------|
| INVOICE NO. | | Subject to Correction | |
| Date 9-4-98 | Lease Pollock | Lease No. | Well # 4 |
| Customer ID | Station PRATT | County PRATT | State KS |
| PETRO-X OIL & GAS CO | Depth NA | Formation NA | Legal Description SEC 7-27S-12W |
| | Casing 5 1/2 | Casing Depth NA | TD NA |
| | | | Job Type FRAC NEW Well |
| | Customer Representative RANCE DENTON | Treater MARTIN FLEMING | |
| | | | APR 15-151-22168-0000 |

CHARGE

RELEASED

MAR 28 2001

| | | |
|------------|-----------|-------------------------|
| AFE Number | PO Number | Materials Received by X |
|------------|-----------|-------------------------|

FROM CONFIDENTIAL

| Product Code | QUANTITY | MATERIAL, EQUIPMENT and SERVICES USED | UNIT PRICE | AMOUNT | ACCOUNTING | |
|--------------|----------|---------------------------------------|------------|-------------|------------|--------|
| | | | | | CORRECTION | AMOUNT |
| | | GALS. ACID | | | | |
| | | GALS. ACID | | | | |
| | | GALS. ACID | | | | |
| | | GALS. INHIBITOR | | | | |
| C141 | 40 | LBS. GAL C.C.-1 KCL | | | | |
| C230 | 40 | GALS. S-1 SURFACTANT | | | | |
| C233 | 40 | GALS. NE-1 ADDITIVE | | | | |
| | | BALL SEALERS | | | | |
| C200 | 1600 | LBS. GEL | | | | |
| P105 | 23,500 | LBS. 20/40 SAND | | | | |
| P101 | 10,500 | LBS. 12/20 SAND | | | | |
| P400 | 23,500 | LBS. PROPPANT PUMP CHARGE | | | | |
| P401 | 10,500 | # PROPPANT Pump CHARGE. | | | | |
| C121 | 10 | GAL BID-2 | | | | |
| C162 | 36 | GAL TXL | | | | |
| C164 | 4 | GAL BREAKER E | | | | |
| E800 | 2 | 500 BBL FRAC TANKS | | | | |
| E200 | 1 | PRESSURE Pump | | | | |
| E601 | 1 | CHEMICAL INJECTOR | | | | |
| | | PRESSURE ACID PUMP | | | | |
| | | BALL INJECTOR | | | | |
| E400 | 1 | TC-1000 HHP | | | | |
| B10 | 1 | 6 BPM BLENDER | | | | |
| E100 | 4 | UNITS 5 MILES | | | | |
| E104 | MIN | TONS MILES SAND | | | | |
| | | DISCOUNTED PRICE | | \$18,800.06 | | |
| | | TAX | | 279.82 | | |
| | | PREPAID TOTAL | | \$19,079.93 | | |

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CONSERVATION DIVISION
WICHITA, KS

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TRANSFER

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TREATMENT REPORT

007.12



Field Order # 00883 Station Pratt Casing _____ Depth _____ County Pratt State KS

Type Job Frac New Well Formation NA Legal Description Sec-7-275-124

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|-----------------------------|-----------------------------|-----------------------|-------------|------------|------------|------------------|-------------|------------------|
| Casing Size <u>5 1/2</u> | Tubing Size <u>2 3/8</u> | Shots/Ft <u>28</u> | <u>2001</u> | Acid | | RATE | PRESS | ISIP |
| Depth | Depth | From | To | Pre Pad | Max | <u>6</u> | <u>1800</u> | <u>800</u> |
| Volume | Volume | From | To | Pad | Min | <u>1.5</u> | <u>1400</u> | <u>700</u> |
| Max Press | Max Press | From | To | Frac | Avg | | | <u>600</u> |
| Well Connection | Annulus Vol. | From | To | | HHP Used | | | Annulus Pressure |
| Plug Depth | Packer Depth | From | To | Flush | Gas Volume | | | Total Load |

Customer Representative Rence Denton Station Manager D Autry Treater McFlemming

Service Units 40 30-53 31-52 22 04 01

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|------|-----------------|-----------------|--------------|------------|----------------------------------------------|
| 1430 | | | | | ON LOCATION |
| 1545 | | | | | DEC 04 1998 |
| 1559 | | <u>2500</u> | | | TEST LINE |
| 1600 | <u>400</u> | <u>0</u> | <u>0</u> | | START 1800 gal XL Gel Pad via 2 3/8 |
| 1603 | <u>400</u> | <u>600</u> | <u>14</u> | <u>1.5</u> | Hole loaded |
| 1633 | <u>400</u> | <u>1400</u> | <u>100</u> | <u>5</u> | Inc Rate |
| 1654 | <u>400</u> | <u>1750</u> | <u>200</u> | <u>6</u> | " " " " |
| 1730 | <u>400</u> | <u>1750</u> | <u>429</u> | <u>6</u> | START 1500 gal Gel w/ 1/2 #/gal 20/40 Sand |
| 1733 | <u>400</u> | <u>1750</u> | <u>446</u> | <u>6</u> | 1/2 #/gal 20/40 Sand ON BOTTOM |
| 1736 | <u>400</u> | <u>1750</u> | <u>466</u> | <u>6</u> | START 1750 gal Gel w/ 1 #/gal 20/40 Sand |
| 1744 | <u>400</u> | <u>1700</u> | <u>510</u> | <u>6</u> | START 2000 gal Gel w/ 1 1/2 #/gal 20/40 Sand |
| 1752 | <u>400</u> | <u>1700</u> | <u>561</u> | <u>6</u> | START 4000 gal Gel w/ 2 #/gal 20/40 Sand |
| 1809 | <u>400</u> | <u>1800</u> | <u>665</u> | <u>6</u> | START 4000 gal Gel w/ 2 1/2 #/gal 20/40 Sand |
| 1827 | <u>400</u> | <u>1800</u> | <u>771</u> | <u>6</u> | START 3000 gal Gel w/ 2 1/2 #/gal 12/20 Sand |
| 1839 | <u>400</u> | <u>1700</u> | <u>844</u> | <u>6</u> | START 1000 gal Gel w/ 3 #/gal 12/20 Sand |
| 1843 | <u>400</u> | <u>1750</u> | <u>868</u> | <u>6</u> | START 750 gal Gel Flush |
| 1846 | | <u>1800</u> | <u>886</u> | | Flush in |
| 1856 | | <u>800</u> | | | ISIP |

Thank You!