

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

Operator: License # 5293
Name Helmerich & Payne, Inc
Address P O Box 558
City/State/Zip Garden City, KS 67846

Purchaser Panhandle Eastern Pipeline

Operator Contact Person Millard Lindsay
Phone 316-276-3693

Contractor: License #
Name Gabbert & Jones

Wellsite Geologist G.F.O. Inc
Phone Denver, Colo

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
..11-10-87. ..11-21-87.
Spud Date Date Reached TD Completion Date
.....5810..... ..2752.....
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1694 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set.....feet
If alternate 2 completion, cement circulated
from 2792 feet depth to 0 w/ 550 SX cmt
Cement Company Name Halliburton
Invoice # 585166

API NO. 15-175-20987
County Seward
..C.. NE SE Sec. 9 Twp. 31^S Rge. 34 East
..X West

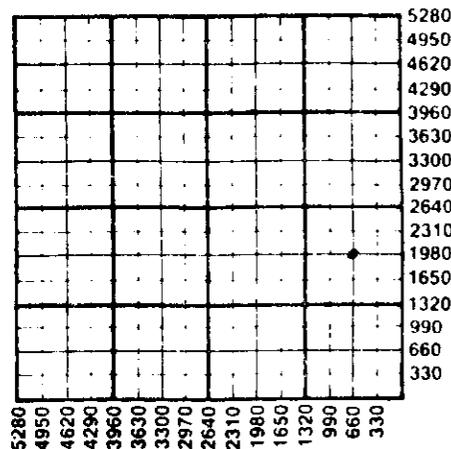
1980 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Myers Well # 1-2
(Formerly Anadarko Behan A#1)
Field Name East Cutter Field

Producing Formation

Elevation: Ground 2868 KB 2880

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater 3480 Ft North from Southeast Corner
(Well) ..1800 Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. 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 Millard L. Lindsay
Title District Production Manager Date 1-26-88

Subscribed and sworn to before me this 26th day of January, 1988.
Notary Public Betty J. Purdy
Date Commission Expires 6 Aug. 1990

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

Sec. 9 Typ. 31 Page 34

SIDE TWO

Operator Name Helmerich & Payne, Inc. Lease Name..... Myers Well #..... 1-2

Sec..... 9 Twp..... 31^S Rge..... 34 East West County..... Seward

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 - Morrow 5277-5328
 30-60-60-120
 IHP - 2433
 IFP - 529 to 1457
 ISIP - 1572
 FFP - 1457 to 1601
 FSIP - 1601
 FHP - 2375

Rec: 202' drlg mud, 182' muddy water,
 2640' salt water, 2164' gas

From GL of 2868'

| Name | Top | Bottom |
|---------------|------|--------|
| Winfield | 2605 | +263 |
| Council Grove | 2822 | + 46 |
| Heebner | 4012 | -1144 |
| Lansing | 4128 | -1260 |
| Marmaton | 5266 | -2398 |
| U.Morrow S.S. | 5320 | -2452 |
| Chester | 5440 | -2572 |
| St.Gen | 5584 | -2716 |
| St.Louis | 5674 | -2806 |
| TD | 5810 | -2942 |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|---|---------------------------|----------------|---|--|-------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (in O.D.) | Weight Lbs/Ft. | Setting Depth | Type of Cement | #Sacks Used | Type and Percent Additives |
| Surface | 12 3/4 | 8-5/8 | 24 | 1694 | 50/50poz Class A | 600 | 4% gel 2% CC |
| Production | 7-7/8 | 5 1/2 | 14 | 2792 | 65/35poz | 250 | 2% CC |
| | | | | | 50/50poz | 400 | 6% gel 1/2% flake |
| | | | | | | 150 | 2% gel |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| TUBING RECORD | | | | Liner Run | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Date of First Production | Producing Method | | | | | | |
| | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... | | | | | | |
| Estimated Production Per 24 Hours | Oil | Gas | Water | Gas-Oil Ratio | Gravity | | |
| | Bbls | MCF | Bbls | CFPB | | | |

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled

DRILLERS' WELL LOG

H & P Myers #1-2

BEHAN "A" #1

C NE SE Sec. 9-31S-34W
SEWARD COUNTY, KANSAS

COMMENCED: 11-9-87

COMPLETED: 11-22-87

OPERATOR: ANADARKO PETROLEUM CORPORATION

| DEPTH | | Formation | Remarks |
|-------|---------|--------------|--------------------------------|
| From | To | | |
| 0 | 100 | Sand | |
| 100 | 765 | Sand-Redbed | Ran 43 jts of 24# 8 5/8" |
| 765 | 1103 | Redbed-Shale | csg LD @ 1693' w/600 sks |
| 1103 | 1179 | Sand-Shale | 50/50 Posmix - 4% Gel - 2% CC |
| 1179 | 1343 | Glorita Sand | 250 sks Common - 2% CC |
| 1343 | 1590 | Shale | PD @ 8:30 AM 11-11-87. |
| 1590 | 1765 | Redbed-Anhy | |
| 1765 | 2310 | Redbed | |
| 2310 | 2525 | Lime-Sand | 50 sks plug @ 2950' |
| 2525 | 3165 | Lime | |
| 3165 | 3363 | Lime-Shale | Ran 69 jts of 14# 5 1/2" csg |
| 3363 | 3645 | Lime | LD @ 2779' w/400 sks |
| 3645 | 4120 | Lime-Shale | 65/35 Posmix "C" - 6% Gel |
| 4120 | 4375 | Lime | 150 sks 50/50 Posmix - 2% Gel |
| 4375 | 4660 | Lime-Shale | PD @ 5:45 PM 11-22-87. |
| 4660 | 4742 | Lime | Rig Released 6:45 PM 11-22-87. |
| 4742 | 4955 | Lime-Shale | |
| 4955 | 5054 | Lime | |
| 5054 | 5265 | Lime-Shale | |
| 5265 | 5358 | Lime | |
| 5358 | 5594 | Lime-Shale | |
| 5594 | 5709 | Lime | |
| 5709 | 5810 | Lime-Shale | |
| | 5810 TD | | |

STATE OF KANSAS)
) I, the undersigned, being duly sworn on oath, state that
COUNTY OF SEDGWICK) the above Drillers' Well Log is true and correct
) to the best of my knowledge and belief and according
) to the records of this office.

GABBERT-JONES, INC.

James S. Sutton, II
James S. Sutton, II, President

30th day of November 1987.



Subscribed & sworn to before me this

Lola Lenore Costa
Lola Lenore Costa - Notary Public

My Commission expires 11-21-88.

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

Operator: License # 5293
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City/State/Zip Garden City, Kansas 67846

Purchaser Panhandle Eastern Pipeline

Operator Contact Person Millard Lindsay
Phone 316-276-3639

Contractor: License #
Name Gabbert & Jones

Wellsite Geologist GEO
Phone Denver, Colorado

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWNED: old well info as follows:
Operator Anadarko Production
Well Name Behan A-1
Comp. Date 11-21-87 Old Total Depth 5810

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
11-10-87 11-21-87 5-16-89
Spud Date Date Reached TD Completion Date
5810 2752 State Test 9-14-89
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 1694 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 2792 feet depth to 0 w/ 550 SX cmt
Cement Company Name Valliburton
Invoice # 585166

API NO. 15-175-20987
County Seward
C NE SE Sec. 9 Twp. 31S Rge. 34 X West

1980 Ft North from Southeast Corner of Section
660 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

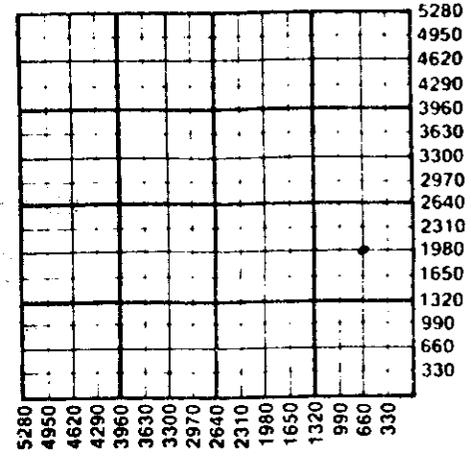
Lease Name Myers Well # 1-2
(Formerly Anadarko Behan A-1)

Field Name East Cutter Field

Producing Formation Hugoton

Elevation: Ground 2868 KB 2880

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

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Division of Water Resources Permit #

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(Well) 1800 Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc.) Ft West from Southeast Corner
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Other (explain)
(purchased from city, R.W.D. #)

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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 Ken Fredrik
Title District Production Engineer Date 9-19-89

Subscribed and sworn to before me this 19th day of September 1989
Notary Public Judy J. Richmeier
Date Commission Expires August 15, 1992

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

SIDE TWO

Operator Name Helmerich & Payne, Inc. Lease Name Myers Well # 1-2

Sec. 9 Twp. 31S Rge. 34 East West County Seward

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 - Morrow 5277-5328
 30-60-120
 IHP - 2433
 IFP - 529 to 1457
 ISIP - 1572
 FFP - 1457 to 1601
 FSIP - 1601
 FHP - 2375
 Rec: 202' drlg mud, 182' muddy water,
 2640' salt water, 2164' gas

| Name | Top | Bottom |
|---------------|------|--------|
| Winfield | 2605 | +263 |
| Council Grove | 2822 | +46 |
| Heebner | 4012 | -1144 |
| Lansing | 4128 | -1260 |
| Marmaton | 5266 | -2398 |
| U.Morrow S.S. | 5320 | -2452 |
| Chester | 5440 | -2572 |
| St. Gen | 5584 | -2716 |
| St. Louis | 5674 | -2806 |
| TD | 5810 | -2942 |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|---|--|----------------|---|-------------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (in O.D.) | Weight Lbs/Ft. | Setting Depth | Type of Cement | #Sacks Used | Type and Percent Additives |
| Surface | 12 1/8 | 8 5/8 | 24 | 1694 | 60/50 poz Class A | 600 | 4% gel 2% CC |
| Production | 7 7/8 | 5 3/8 | 14 | 2792 | 65/35 poz | 400 | 6% gel #flake |
| | | | | | 60/50 poz | 150 | 2% gel |
| PERFORATION RECORD | | | | Acid, Fracture, Shot, Cement Squeeze Record | | | |
| Shots Per Foot | Specify Footage of Each Interval Perforated | | | (Amount and Kind of Material Used) | | Depth | |
| 2 | Herrington 2536 - 2552 | | | 7500 gals. 20% HCl acid foamed to 60 quality | | | |
| 2 | Krider 2563 - 2586 | | | | | | |
| 2 | Winfield 2607 - 2628 | | | | | | |
| 1 | U. Ft. Riley 2658 - 2661 | | | | | | |
| TUBING RECORD | | | | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | |
| Date of First Production | | Producing Method | | | | | |
| 9-8-89 | | <input checked="" type="checkbox"/> Flowing <input 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 CFPB | |
| | | | 299 | 0 | | | |

METHOD OF COMPLETION

Disposition of gas: Vented Sold Used on Lease
 Open Hole Perforation Other (Specify)

Dually Completed Commingled

WELL LOG
 Hugo Jones
 2536-2661

Operator Name Helmerich & Payne, Inc. Lease Name Myers Well # 1-2

Sec. 9 Twp. 31S Rge. 34 East West
 County Haskell

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 (Attach Additional Sheets.) | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datums | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey | <input type="checkbox"/> Yes <input type="checkbox"/> No | Name | Top | Datum |
| Cores Taken | <input type="checkbox"/> Yes <input type="checkbox"/> No | Winfield | 2605 | +263 |
| Electric Log Run (Submit Copy.) | <input type="checkbox"/> Yes <input type="checkbox"/> No | Council Grove | 2822 | +46 |
| List All E.Logs Run: | | Heebner | 4012 | -1144 |
| | | Lansing | 4128 | -1260 |
| | | Marmaton | 5266 | -2398 |
| | | U. Morrow SS | 5320 | -2452 |
| | | Chester | 5440 | -2572 |
| | | St. Gen | 5584 | -2716 |
| | | St. Louis | 5674 | -2806 |
| | | TD | 5810 | -2942 |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-----------------|---------------|------------------------|--------------|-------------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight lbs./ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface | 12 1/4 | 8 5/8 | 24 | 1694 | 50/50 Poz Class A | 600 250 | 4% gel, 2% CC 2% CC |
| Production | 7 7/8 | 5 1/2 | 14 | 2792 | 65/35 Poz 50/50 Poz | 400 150 | 6% gel, 1/2 # flake 2% Gel |
| | | | | | | | |

| ADDITIONAL CEMENTING/SQUEEZE RECORD | | | | | |
|---|-------|--------|----------------|-------------|----------------------------|
| Purpose: | Depth | | Type of Cement | #Sacks Used | Type and Percent Additives |
| | Top | Bottom | | | |
| <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 <input checked="" type="checkbox"/> Bridge Plugs Set/Type | | Acid, Fracture, Shot, Cement Squeeze Record | |
|----------------|--|--|---|-------|
| | Specify Footage of Each Interval Perforated | | (Amount and Kind of Material Used) | Depth |
| 2 | Herrington 2536-2552 | | Acidized with 200 gals of 15% HCL | |
| 2 | Krider 2563-2586 | | | |
| 2 | Winfield 2607-2628 | | | |
| 1 | U. Ft. Riley 2658-2661 | | | |

| | | | | | |
|--|----------|---------|--|---------------|--|
| TUBING RECORD | | Size | Set At | Packer At | Liner Run |
| | | NA | | | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Inj. | | | Producing Method | | |
| 01/17/2000 | | | <input checked="" type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain) | | |
| Estimated Production Per 24 Hours | Oil Bbls | Gas MCF | Water Bbls. | Gas-Oil Ratio | Gravity |
| | | 83 | | | |

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

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

Production Interval: 2536-2661
 Other (Specify) _____



HELMERICH & PAYNE, INC. UTICA AT TWENTY-FIRST - TULSA, OKLAHOMA 74114

ANADARKO
CORPORATION

November 30, 1987

Edward Smith
Kansas Corporation Commission
Colorado Derby Bldg.
202 W. First
Wichita, KS 67202-1286

Re: Behan "A" #1
1,980' FSL and 660' FEL of
Section 9-31S-34W
Seward County, Oklahoma

Gentlemen:

The captioned well was drilled as a Morrow formation test by Anadarko Petroleum Corporation. It was dry in the zones beneath the base of the Chase Group.

This is to inform you that operatorship of the well was turned over to Helmerich & Payne, Inc. effective at 12:01 A.M. November 22, 1987. Helmerich & Payne, Inc. expects to attempt completion of the well as a Hugoton field infill producer at this exception location after the KCC issues an order to permit us to do so.

Please note your records to indicate this change of operator.

Very Truly Yours,

Wm. Paul Stone
Senior Landman

WPS:gmk

pc: Anadarko Petroleum Corporation
P.O. Box 5050
Denver, CO 80217-5050
Attn: Todd Liebl

wps001a

TO:

STATE CORPORATION COMMISSION
CONSERVATION DIVISION
200 COLORADO DERBY BUILDING
WICHITA, KANSAS 67202-1286
NOTICE OF CHANGE OF OPERATOR

9 SEC.T 31 S, R 34 W
 Oil Lease: No. of Wells _____
 Gas Lease: No. of Wells 1 RS
 Saltwater Disposal Well _____
 Enhanced Recovery Project

AUTHORIZATION

Effective Date 11-22-87
Lease Name Behan A (changed to Myers 1-2)
County Seward,
Producing Zone Chase

Docket # _____ (if SWD or ER)
Lease Description Sec. 9-31S-34W
Field Name Hugoton

Past Operator's License # 4549
Past Operator's Name and Address
Anadarko Petroleum Corporation
Box 351
Liberal, KS 67905-0351

Title Landman

Contact Person Todd Liebl
Phone 303) 694-1114
Oil/Gas Purchaser None
Date 1/5/89
Signature [Signature]

New Operator's License 5293
New Operator's Name and Address
Helmerich & Payne, Inc.
1579 E. 21st Street
Tulsa, OK 74114

Contact Person Ted Evans
Phone 918) 742-5531
Oil/Gas Purchaser None as yet
Date 12-27-88
Signature [Signature]
Title Production Administration Supervisor

FOR COMMISSION USE ONLY WITH INJECTION WELLS

It is acknowledged by the Kansas Corporation Commission that:

_____ is the new operator of the above named well and
may: _____ continue to inject fluid as authorized by Docket # _____
_____ not inject fluids until the following action is taken.

Administrative Action _____
Technical Review _____
Date _____

Authorized Signature. _____
RECEIVED
STATE CORPORATION COMMISSION
JAN 11 1989
CONSERVATION DIVISION
Wichita Kansas
U-2/OG-2
1/88