

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 # 9482  
Name National Petroleum Reserves, Inc.  
Address 260 N. Rock Rd., Ste. 215  
Wichita, Kansas 67206  
City/State/Zip

Purchaser Clear Creek

Operator Contact Person Ted C. Bradehoff  
Phone 316/681-3515

Contractor: License # 5929  
Name Duke Dilling Co., Inc.

Wellsite Geologist Dan Deboer  
Phone 316/681-3515

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

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

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

..5-16-88.. ..5-25-88..... ..6-17-88....  
Spud Date Date Reached TD Completion Date  
..4580..... ..4400.....  
Total Depth PBT

Amount of Surface Pipe Set and Cemented at 311 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2225 feet  
If alternate 2 completion, cement circulated  
from.....feet depth to.....w/.....SX cmt  
Cement Company Name B.J. Titan  
Invoice # TA036

API NO. 15-101-21.458:000  
County, Lade  
.SW, NE, NE ..... Sec 32... Twp 16... Rge 29... West  
4290..... Ft North from Southeast Corner of Section  
990..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

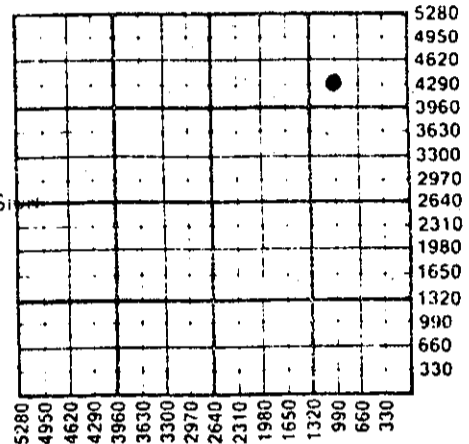
Lease Name Dickey Well # 1

Field Name UNNAMED New Field Discovery Covey

Producing Formation Lansing-Kansas City, Marmaton

Elevation: Ground 27.97 KB 2802

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
JUN 27 1988  
CONSERVATION DIVISION  
Wichita, Kansas

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 4290 Ft North from Southeast Corner  
(Well) 990 Ft West from Southeast Corner of  
Sec 32 Twp 16 Rge 29 ~~XXX~~  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.

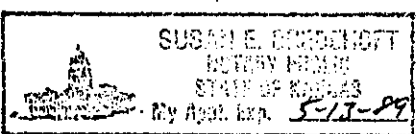
Signature [Signature]

Title Pres./Treas Date 6/27/88

Subscribed and sworn to before me this 27 day of June 1988.

Notary Public Susan E. Bradehoff

Date Commission Expires 5-12-89



K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)  
6-27-88

Sec. 32 Twp 16 Rge 29

# NATIONAL PETROLEUM RESERVES Inc.

JANUARY 9, 1989

KANSAS CORPORATION COMMISSION  
Oil & Gas Conservation Div.  
200 Colorado Derby Bldg.  
202 West 1st St.  
Wichita, KS. 67202

RE: Dickey #1, 36-16-29W  
Lane County, KS.  
Satisfy Review ACO-1

Attn: Dennis Anderson

Dear Mr. Anderson:

Pursuant to our recent telecon pertaining to the aforementioned well, enclosed is cementing tickets from Halliburton and National Petroleum Reserves, Inc. (NPR) written operational report submitted to NPR by Bill Luck.

The attached instruments it is believed will satisfy the review requirements of the ACO-1.

Should you desire additional information and/or clarification, please advise.

Sincerely,

NATIONAL PETROLEUM RESERVES, INC.

BY:   
Ted C. Bredehoft, Pres/Treas.

sm  
Enclosures

**RECEIVED**  
STATE CORPORATION COMMISSION

JAN 10 1989  
1-10-89  
CONSERVATION DIVISION  
Wichita, Kansas

W. J. Luck Consultant  
Box 1045  
Great Bend, Kansas 67530

Mr. Ted Bredehoft  
National Petroleum Res.  
260 N. Rock Road, Suite 215  
Wichita, Kansas 67206

Re: Dickey #-1  
Lane County, Kansas

RECEIVED  
STATE CORPORATION COMMISSION

JAN 10 1989

CONSERVATION DIVISION  
Wichita, Kansas

12-19-88

Moved in and rigged up Plain's Well Service, pulled rods and tubing. Ran and set Baker Retrievable Bridge Plug on sand line at 2450. Loaded hole with salt water. Rigged up Wire-Tech and ran Bond log from 2300 back to surface as requested by the Kansas Corporation Commission. Bond log showed cement from surface to 510 feet.

12-20-88

Checked with Kansas Corporation Commission and waited on orders till 10:00 A.M. The State said that we had to cement the pipe from 1450 feet to 550. Ran tubing and pulled Baker Plug. Rigged up Wire-Tech and set Cast Iron Bridge Plug at 4000'. Loaded casing with salt water and perforated 2 shots at 1450 and 2 shots at 550. Set Halliburton E-Z Retainer at 585 on electric line, ran tubing and stung into Retainer. Rigged up Halliburton and pumped 20 bbls. gelled water and 294 sacks 60/40 pozmix with 2% gel down to 1400 feet. Pulled out of Retainer and spotted 6 sacks on top of Retainer, pressured up casing and it held 500#. Pulled tubing and pressured casing to 500# and shut it in.

12-21-88

Ran tubing with bit and drilled out cement from 500'. Drilled out Retainer and cement from 1400 to 1460. Bottom set of perforations at 1450 taking fluid, pulled tubing and bit.

12-22-88

Rigged up Halliburton measuring line and pumped flag, top perforations alright, bottom perforations taking fluid. Rigged up Halliburton and pumped 100 sacks 60/40 pozmix with 2% gel down the casing to 1400, shut casing in with 800#.

12-23-88

Ran tubing and bit in well found top of cement at 1000 feet. Pressured casing and could pump into top perforations at 550' 1/2 bbl. per minute at 600#. Drilled out cement from 1000 feet to 1200 feet, pulled tubing and bit. Rigged up Halliburton and pumped 50 sacks pozmix down the casing to 500 feet. Shut well in with 1000# on casing. Shut down for Christmas.

12-27-88

Ran tubing and bit in well and drilled out cement from 500 feet to 560 and 1200 to 1390.

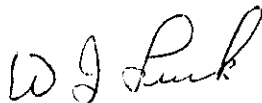
12-28-88

Drilled cement to 1460, ran tubing and bit to 4000 feet. Circulated casing clean and pulled tubing and bit. Rigged up Kansas Fishing Tool's Sand Line Drill and drilled on Plug. Hung Sand Line Drill in casing, work with it for one hour got it loose and pulled it out of the hole. Layed down Drill and ordered a Drill from Baker for tomorrow.

12-29-88

Rigged up Baker's Sand Line Drill and finished drilling out plug and drove it to 4400 feet. Pulled Drill, layed it down and rigged up to ran tubing and rods back in well. Ran 2" x 15' mud anchor, seating nipple and 136 joints of 2-3/8" tubing for a total of 4341.59. Ran 1" x 6' gas anchor, 2" x 1-1/2" x 12 BHD pump, 2 foot 3/4 sub, 170 3/4" rods, two 8' and one 6' subs. Hung well on and put it to pumping at 1:00 P.M. Rigged down, clean up location, put fence up and moved off well.

Thank you



W. J. Luck



**HALLIBURTON SERVICES**

A Halliburton Company

INVOICE

| INVOICE NO | DATE       |
|------------|------------|
| 730096     | 12/20/1988 |

| WELL LEASE NO./PLANT NAME |                | WELL/PLANT LOCATION |                      | STATE         | WELL/PLANT OWNER |
|---------------------------|----------------|---------------------|----------------------|---------------|------------------|
| DICKEY 1                  |                | LANE                |                      | KS            | SAME             |
| SERVICE LOCATION          |                | CONTRACTOR          | JOB PURPOSE          |               | TICKET DATE      |
| NESS CITY                 |                | PLAINS              | SQUEEZE PERFORATIONS |               | 12/20/1988       |
| ACCT NO                   | CUSTOMER AGENT | VENDOR NO           | CUSTOMER P.O. NUMBER | SHIPPED VIA   | FILE NO          |
| 623541                    | W.J. LUCK      |                     |                      | COMPANY TRUCK | 69513            |

NATIONAL PETROLEUM RESERVES  
260 N ROCK ROAD STE 215  
WICHITA, KS 67206

DIRECT CORRESPONDENCE TO:  
SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

| PRICE REF NO  | DESCRIPTION         | QUANTITY | U/M | UNIT PRICE | AMOUNT     |
|---|---------------------|----------|-----|------------|------------|
| 000-117   | MILEAGE             | 50       | MI  | 2.20       | 110.00 *   |
|   |                     | 1        | UNT |            |            |
| 009-134   | CEMENT SQUEEZE      | 1450     | FT  | 855.00     | 855.00 *   |
| 009-019   |                     | 1        | UNT |            |            |
| 504-308   | STANDARD CEMENT     | 180      | SK  | 5.45       | 981.00 *   |
| 506-105   | POZMIX A            | 120      | SK  | 2.88       | 345.60 *   |
| 506-121   | HALLIBURTON-GEL 2%  | 5        | SK  | .00        | N/C        |
| 507-775   | HALAD-322           | 51       | LB  | 5.40       | 275.40 *   |
| 509-554   | HALLIBURTON GEL     | 8        | SK  | 6.30       | 50.40 *    |
| 500-207   | BULK SERVICE CHARGE | 313      | CFT | .95        | 297.35 *   |
| 500-306   | MILEAGE             | 678.775  | TMI | .70        | 475.14 *   |
| 116-228   | STRIPPER TYPE HEAD  | 1        | EA  | 130.00     | 130.00 *   |
| INVOICE SUBTOTAL  |                     |          |     |            | 3,519.89   |
| DISCOUNT - (BID)  |                     |          |     |            | 527.98 -   |
| INVOICE BID AMOUNT  |                     |          |     |            | 2,991.91   |
| *- KANSAS STATE SALES TAX   |                     |          |     |            | 119.66     |
| <p><b>RECEIVED</b><br/>STATE CORPORATION COMMISSION</p> <p>JAN 10 1989</p> <p>CONSERVATION DIVISION<br/>Wichita, Kansas</p> |                     |          |     |            |            |
| INVOICE TOTAL - PLEASE PAY THIS AMOUNT  |                     |          |     |            | \$3,111.57 |

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



INVOICE

HALLIBURTON SERVICES

A Halliburton Company

|             |            |
|-------------|------------|
| INVOICE NO. | DATE       |
| SA 741234   | 12/20/1988 |

|                           |                    |                     |                      |             |                  |             |
|---------------------------|--------------------|---------------------|----------------------|-------------|------------------|-------------|
| WELL LEASE NO./PLANT NAME |                    | WELL/PLANT LOCATION |                      | STATE       | WELL/PLANT OWNER |             |
| DICKEY 1                  |                    | LANE                |                      | KS          | SAME             |             |
| SERVICE LOCATION          |                    | CONTRACTOR          |                      | JOB PURPOSE |                  | TICKET DATE |
| GREAT BEND                |                    |                     |                      |             |                  | 12/20/1988  |
| ACCT. NO.                 | CUSTOMER AGENT     | VENDOR NO.          | CUSTOMER P.O. NUMBER | SHIPPED VIA | FILE NO.         |             |
| 623541                    | M. KLINE, WIRETECH |                     |                      | PICKED UP   | 69487            |             |

NATIONAL PETROLEUM RESERVES  
260 N ROCK ROAD STE 215  
WICHITA, KS 67206

DIRECT CORRESPONDENCE TO:  
SUITE 600  
COLORADO DERBY BUILDING  
WICHITA, KS 67202-0000

| PRICE REF. NO.                                | DESCRIPTION                  | QUANTITY | U/M | UNIT PRICE | AMOUNT     |
|---|------------------------------|----------|-----|------------|------------|
| 94<br>802.339                                 | EZ DRILL SV SQZ PKR 4 1/2-5" | 1        | EA  | 1,167.00   | 1,167.00 * |
| INVOICE SUBTOTAL                              |                              |          |     |            | 1,167.00   |
| DISCOUNT - (BID)                              |                              |          |     |            | 175.05 -   |
| INVOICE BID AMOUNT                            |                              |          |     |            | 991.95     |
| *-KANSAS STATE SALES TAX                      |                              |          |     |            | 39.68      |
| *-BARTON COUNTY SALES TAX                     |                              |          |     |            | 9.92       |
| INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> |                              |          |     |            | \$1,041.55 |

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JAN 20 1989

CONSERVATION DIVISION  
Wichita, Kansas

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

CUSTOMER COPY  
**INVOICE**  
 INVOICE



A DIVISION OF HALLIBURTON COMPANY

REMIT TO:  
 P.O. BOX 651046  
 DALLAS, TX 75265

| INVOICE NO | DATE       |
|------------|------------|
| 730239     | 12/22/1988 |

|                  |                |               |                      |                      |            |
|------------------|----------------|---------------|----------------------|----------------------|------------|
| WELL LEASE NO.   |                | WELL LOCATION |                      | STATE                | WELL OWNER |
| DICKEY 1         |                | LANE          |                      | KS                   | SAME       |
| SERVICE LOCATION |                | CONTRACT      |                      | JOB PURPOSE          |            |
| NESS CITY        |                | PLAINS        |                      | SQUEEZE PERFORATIONS |            |
| TICKET DATE      |                |               |                      |                      |            |
| 12/22/1988       |                |               |                      |                      |            |
| ACCT. NO.        | CUSTOMER AGENT | VENDOR NO.    | CUSTOMER P.O. NUMBER | SHIPPED VIA          | FILE NO.   |
| 623541           | W. J. LUCK     |               |                      | COMPANY TRUCK        | 69599      |

NATIONAL PETROLEUM RESERVES  
 260 N ROCK ROAD STE 215  
 WICHITA, KS 67206

DIRECT CORRESPONDENCE TO:  
 SUITE 600  
 COLORADO DERBY BUILDING  
 WICHITA, KS 67202-0000

| PRICE REF. NO.                                | DESCRIPTION         | QUANTITY | U/M | UNIT PRICE | AMOUNT     |
|---|---------------------|----------|-----|------------|------------|
| 000-117                                       | MILEAGE             | 50       | MI  | 2.20       | 110.00 *   |
|   |                     | 1        | UNT |            |            |
| 009-134                                       | CEMENT SQUEEZE      | 1450     | FT  | 855.00     | 855.00 *   |
| 009-019                                       |                     | 1        | UNT |            |            |
| 504-308                                       | STANDARD CEMENT     | 60       | SK  | 5.45       | 327.00 *   |
| 506-105                                       | POZMIX A            | 40       | SK  | 2.88       | 115.20 *   |
| 500-207                                       | BULK SERVICE CHARGE | 100      | CFT | .95        | 95.00 *    |
| 500-306                                       | MILEAGE             | 215.000  | TMI | .70        | 150.50 *   |
| INVOICE SUBTOTAL                              |                     |          |     |            | 1,652.70   |
| DISCOUNT-(BID)                                |                     |          |     |            | 247.90-    |
| INVOICE BID AMOUNT                            |                     |          |     |            | 1,404.80   |
| *-KANSAS STATE SALES TAX                      |                     |          |     |            | 56.20      |
| INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====> |                     |          |     |            | \$1,461.00 |

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 STATE CORPORATION COMMISSION  
 JAN 10 1989  
 CONSERVATION DIVISION  
 Wichita, Kansas

**TERMS** INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.

CUSTOMER COPY  
**INVOICE**  
 INVOICE



A DIVISION OF HALLIBURTON COMPANY

REMIT TO:  
 P.O. BOX 651046  
 DALLAS, TX 75265

|            |            |
|------------|------------|
| INVOICE NO | DATE       |
| 730253     | 12/23/1988 |

|                  |                |               |                      |                      |            |
|------------------|----------------|---------------|----------------------|----------------------|------------|
| WELL LEASE NO    |                | WELL LOCATION |                      | STATE                | WELL OWNER |
| DICKEY 1         |                | LANE          |                      | KS                   | SAME       |
| SERVICE LOCATION |                | CONTRACTOR    |                      | JOB PURPOSE          |            |
| NESS CITY        |                | PLAINS        |                      | SQUEEZE PERFORATIONS |            |
| TICKET DATE      |                |               |                      |                      |            |
| 12/23/1988       |                |               |                      |                      |            |
| ACCT NO          | CUSTOMER AGENT | VENDOR NO     | CUSTOMER P.O. NUMBER | SHIPPED VIA          | FILE NO    |
| 623541           | W.J. LUCK      |               | *                    | COMPANY TRUCK        | 69741      |

NATIONAL PETROLEUM RESERVES  
 260 N ROCK ROAD STE 215  
 WICHITA, KS 67206

DIRECT CORRESPONDENCE TO:  
 SUITE 600  
 COLORADO DERBY BUILDING  
 WICHITA, KS 67202-0000

| PRICE REF NO                           | DESCRIPTION         | QUANTITY | U/M | UNIT PRICE | AMOUNT   |
|--|---------------------|----------|-----|------------|----------|
| 000-117                                | MILEAGE             | 50       | MI  | 2.20       | 110.00   |
|  |                     | 1        | UNT |            |          |
| 009-134                                | CEMENT SQUEEZE      | 550      | FT  | 495.00     | 495.00   |
| 009-019                                |                     | 1        | UNT |            |          |
| 504-308                                | STANDARD CEMENT     | 30       | SK  | 5.45       | 163.50   |
| 506-105                                | POZMIX A            | 20       | SK  | 2.88       | 57.60    |
| 500-207                                | BULK SERVICE CHARGE | 50       | CFT | .95        | 47.50    |
| 500-306                                | MILEAGE             | 107.500  | TMI | .70        | 75.25    |
| INVOICE SUBTOTAL                       |                     |          |     |            | 948.85   |
| DISCOUNT-(BID)                         |                     |          |     |            | 142.31-  |
| INVOICE BID AMOUNT                     |                     |          |     |            | 806.54   |
| *-KANSAS STATE SALES TAX               |                     |          |     |            | 32.27    |
| INVOICE TOTAL - PLEASE PAY THIS AMOUNT |                     |          |     |            | \$838.81 |

RECEIVED  
 STATE CORPORATION COMMISSION  
 JAN 10 1989  
 CONSERVATION DIVISION  
 Wichita, Kansas

TERMS INVOICES PAYABLE NET BY THE 20TH OF THE FOLLOWING MONTH AFTER DATE OF INVOICE. UPON CUSTOMER'S DEFAULT IN PAYMENT OF CUSTOMER'S ACCOUNT BY THE LAST DAY OF THE MONTH FOLLOWING THE MONTH IN WHICH THE INVOICE IS DATED, CUSTOMER AGREES TO PAY INTEREST THEREON AFTER DEFAULT AT THE HIGHEST LAWFUL CONTRACT RATE APPLICABLE BUT NEVER TO EXCEED 18% PER ANNUM. IN THE EVENT IT BECOMES NECESSARY TO EMPLOY AN ATTORNEY TO ENFORCE COLLECTION OF SAID ACCOUNT, CUSTOMER AGREES TO PAY ALL COLLECTION COSTS AND ATTORNEY FEES IN THE AMOUNT OF 20% OF THE AMOUNT OF THE UNPAID ACCOUNT.



STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST  
BARREL TEST

OPERATOR National Petroleum Reserves Inc. LOCATION OF WELL SW NE NE  
 LEASE Dickey OF SEC. 32 T 16S R 29W  
 WELL NO. 1 COUNTY Lane  
 FIELD \_\_\_\_\_ PRODUCING FORMATION L. K.C. - Marmaton  
 Date Taken 6/21/88 Date Effective JUN 1 1988  
 Well Depth \_\_\_\_\_ Top Prod. Form \_\_\_\_\_ Perfs \_\_\_\_\_  
 Casing: Size 4 1/2" Wt. 10.5# Depth 4569 Acid \_\_\_\_\_  
 Tubing: Size 2 3/8" Depth of Perfs 4144-4299 Gravity \_\_\_\_\_  
 Pump: Type Insert Bore 1 1/2" Purchaser Clear Creek  
 Well Status Pumping  
Pumping, flowing, etc.

TEST DATA

Permanent \_\_\_\_\_ Field \_\_\_\_\_ Special \_\_\_\_\_  
 Flowing \_\_\_\_\_ Swabbing \_\_\_\_\_ Pumping X

STATUS BEFORE TEST:

PRODUCED 72 HOURS  
 SHUT IN 0 HOURS  
 DURATION OF TEST 24 HOURS 0 MINUTES 0 SECONDS  
 GAUGES: WATER 19.2 INCHES 56.5 PERCENTAGE  
 OIL 14.9 INCHES 43.5 PERCENTAGE  
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 57  
 WATER PRODUCTION RATE (BARRELS PER DAY) 32  
 OIL PRODUCTION RATE (BARRELS PER DAY) 25 PRODUCTIVITY  
 STROKES PER MINUTE 6 1/2  
 LENGTH OF STROKE 54" INCHES  
 REGULAR PRODUCING SCHEDULE cont. HOURS PER DAY.  
 COMMENTS New well. Pumper reports well has only produced 72 hours.

WITNESSES:

Paul A. Luther  
FOR STATE

[Signature]  
FOR OPERATOR

RECEIVED  
STATE CORPORATION COMMISSION  
FOR OFFSET

JUN 22 1988

CONSERVATION DIVISION  
Wichita, Kansas

**STATE OF KANSAS - CORPORATION COMMISSION  
PRODUCTION TEST & GOR REPORT**

Form C-5 Revised

Conservation Division

TYPE TEST: Initial    Annual    Workover    Reclassification    TEST DATE: \_\_\_\_\_  
 Company \_\_\_\_\_ Lease \_\_\_\_\_ Well No. \_\_\_\_\_

County \_\_\_\_\_ Location \_\_\_\_\_ Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ Acres \_\_\_\_\_

Field \_\_\_\_\_ Reservoir \_\_\_\_\_ Pipeline Connection \_\_\_\_\_

Completion Date \_\_\_\_\_ Type Completion(Describe) \_\_\_\_\_ Plug Back T.D. \_\_\_\_\_ Packer Set At \_\_\_\_\_

Production Method: \_\_\_\_\_ Type Fluid Production \_\_\_\_\_ API Gravity of Liquid/Oil \_\_\_\_\_

Flowing    Pumping    Gas Lift  
 Casing Size    Weight    I.D.    Set At    Perforations    To

Tubing Size    Weight    I.D.    Set At    Perforations    To

Pretest: \_\_\_\_\_ Duration Hrs. \_\_\_\_\_  
 Starting Date    Time    Ending Date    Time

Test: \_\_\_\_\_ Duration Hrs. \_\_\_\_\_  
 Starting Date    Time    Ending Date    Time

**OIL PRODUCTION OBSERVED DATA**

Producing Wellhead Pressure \_\_\_\_\_ Separator Pressure \_\_\_\_\_ Choke Size \_\_\_\_\_

| Bbls./In. | Tank |        | Starting Gauge |        |         | Ending Gauge |        |         | Net Prod. Bbls. |     |
|-----------|------|--------|----------------|--------|---------|--------------|--------|---------|-----------------|-----|
|           | Size | Number | Feet           | Inches | Barrels | Feet         | Inches | Barrels | Water           | Oil |
| Pretest:  |      |        |                |        |         |              |        |         |                 |     |
| Test:     |      |        |                |        |         |              |        |         |                 |     |
| Test:     |      |        |                |        |         |              |        |         |                 |     |

**GAS PRODUCTION OBSERVED DATA**

Orifice Meter Connections \_\_\_\_\_ Orifice Meter Range \_\_\_\_\_

Pipe Taps: \_\_\_\_\_ Flange Taps: \_\_\_\_\_ Differential: \_\_\_\_\_ Static Pressure: \_\_\_\_\_

| Measuring Device     | Run-Prover-Tester Size | Orifice Size | Meter-Prover-Tester Pressure |                       | Diff. Press. (hw) or (hd) | Gravity Gas (Gg) | Flowing Temp. (t) |
|----------------------|------------------------|--------------|------------------------------|-----------------------|---------------------------|------------------|-------------------|
|                      |                        |              | In.Water                     | In.Merc. Psig or (Pd) |                           |                  |                   |
| Orifice Meter        |                        |              |                              |                       |                           |                  |                   |
| Critical Flow Prover |                        |              |                              |                       |                           |                  |                   |
| Orifice Well Tester  |                        |              |                              |                       |                           |                  |                   |

**GAS FLOW RATE CALCULATIONS (R)**

| Coeff. (Fb)(Fp)(OWTC) | Meter-Prover Press.(Psia)(Pm) | Extension $\sqrt{hw \times Pm}$ | Gravity Factor (Fg) | Flowing Temp. Factor (Ft) | Deviation Factor (Fpv) | Chart Factor (Fd) |
|-----------------------|-------------------------------|---------------------------------|---------------------|---------------------------|------------------------|-------------------|
|                       |                               |                                 |                     |                           |                        |                   |

Gas Prod. MCFD \_\_\_\_\_ Oil Prod. Bbls./Day: \_\_\_\_\_ Gas/Oil Ratio (GOR) = \_\_\_\_\_ Cubic Ft. per Bbl. \_\_\_\_\_

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_

For Offset Operator

For State

For Company