

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

API NO. 15- 071-206580000 **ORIGINAL**  
County GREELEY  
-W/2 - NW - NE Sec. 1 Twp. 20 Rge. 40 X E  
660 Feet from S(circle one) Line of Section  
2310 Feet from E(circle one) Line of Section

Operator: License # 5263

Name: MIDWESTERN EXPLORATION CO.

Address PO BOX 1884

City/State/Zip LIBERAL KS 67905-1884

Purchaser: NGC ENERGY RESOURCES L.P.

Operator Contact Person: CHUCK REDMON

Phone (316) 624-3534

Contractor: Name: MURFIN DRILLING CO

License: 30606

Wellsite Geologist: None

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 Workovers:

Operator: N/A

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

9/7/96 9/18/96 10/11/96  
Spud Date Date Reached TD Completion Date

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

Lease Name MEC ROBERTS Well # 1-1

Field Name NORTH BRADSHAW

Producing Formation UPPER WINFIELD

Elevation: Ground 3562' KB 3567'

Total Depth 2840' PBDT 2840'

Amount of Surface Pipe Set and Cemented at 251 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 2806

feet depth to surface w/ 625 sx cmt.

Drilling Fluid Management Plan A14.2, 3-9-98 U.C.  
(Data must be collected from the Reserve Pit)

Chloride content 42,000 ppm Fluid volume 1400 bbls

Dewatering method used EVAPORATION

Location of fluid disposal if hauled offsite: 46-LE

Operator Name N/A

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W \_\_\_\_\_

County \_\_\_\_\_ Docket No. \_\_\_\_\_

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 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 Chuck Redmon

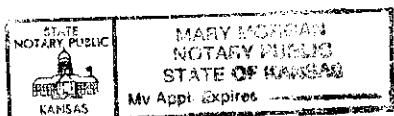
Title PETROLEUM ENGINEER Date 1/24/97

Subscribed and sworn to before me this 24<sup>th</sup> day of January 19 97.

Notary Public Mary Morgan

Date Commission Expires 8-3-2000

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



Operator Name MIDWESTERN EXPLORATION CO.

Lease Name MEC ROBERTS

Well # 1-1

Sec. 1 Twp. 20 Rge. 40

East

County GREELEY

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:  
GAMMA RAY/NEUTRON

|   |                                   |                                 |
|---|-----------------------------------|---------------------------------|
| <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datums | <input type="checkbox"/> Sample |
| Name                                    | Top                               | Datum                           |
| UPPER WINFIELD                          | 2820'                             | +747                            |

| CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Used<br>(see below)<br>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(used)  | 12-1/4"           | 8-5/8"                    | 24#             | 251           | 60/40 POZ      | 175          | 2%GEL, 2%CC                |
| production(used)   | 7-7/8"            | 4-1/2"                    | 10.5#           | 2806'         | allied lite    | 625          | 1/4# flocele               |
| liner(new)   | 3-3/4"            | 2-7/8"                    | 6.5#            | 2785-2840'    | none           | none         | none                       |

| 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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 4 spf          | 2822'-2840'   | A/250 gal 7-1/2% HCL  |       |
|                |   | F/434 bbls gelled SW &  |       |
|                |   | 15,890# 20/40 sand  |       |

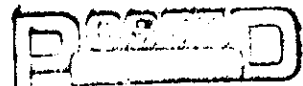
|  |     |                |  |           |   |       |               |         |
|--|-----|----------------|--|-----------|---|-------|---------------|---------|
| TUBING RECORD  |     | Size<br>2-3/8" | Set At<br>2835'  | Packer At | Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |       |               |         |
| Date of First, Resumed Production, SMD or Inj.<br>11/14/96 |     |                | Producing Method <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 |
|  |     |                | 47   |           | 70  |       |               |         |

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Conningled  Other (Specify) \_\_\_\_\_

Production Interval: 2822' - 2840'

15-071-20658



TELEPHONE:  
AREA CODE 913 483-2627  
AREA CODE 913 483-3867

**ALLIED CEMENTING COMPANY, INC.**

P. O. BOX 31

RUSSELL, KANSAS 67665  
MIDWESTERN EXPLORATION COMPANY

TO: MidWestern Exploration Co. LEASE: ROBE2B DATE REC'D: 7-3-96  
P. O. Box 1884 INVOICE NO. 73318  
Liberal, KS 67905 COMP. X TANG. X INTANG. X  
 OP. EXP.                      TANG.                      PURCHASE ORDER NO.                       
 USED FOR:                      LEASE NAME McRoberts 1-1  
 ACCOUNT NO. 62100 DATE 9-7-96

SERVICE AND MATERIALS AS FOLLOWS:

APPROVED BY: J. BO DATE PAID:                     

**ORIGINAL**

|                                    |          |                   |
|------------------------------------|----------|-------------------|
| Common 105 sks @\$7.20             | \$756.00 |                   |
| Pozmix 70 sks @\$3.15              | 220.50   |                   |
| Gel 3 sks @\$9.50                  | 28.50    |                   |
| Chloride 5 sks @\$28.00            | 140.00   | \$1,145.00        |
|                                    |          |                   |
| Handling 175 sks @\$1.05           | 183.75   |                   |
| Mileage (84) @\$.04¢ per sk per mi | 588.00   |                   |
| Surface                            | 445.00   |                   |
| Mi @\$2.85 pmp trk chg             | 239.40   |                   |
| 1 plug                             | 45.00    | 1,501.15          |
|                                    |          |                   |
| 1 Guide Shoe-----                  | \$238.00 |                   |
| 1 Baffle Plate-----                | 135.00   |                   |
| 2 Centralizers-----                | 122.00   |                   |
| 1 Baker Lock-----                  | 30.00    | 525.00            |
|                                    |          |                   |
| <b>Total</b>                       |          | <b>\$3,171.15</b> |

If Account CURRENT a  
Discount of \$ 475.67  
will be Allowed ONLY if  
Paid Within 30 Days from  
Date of Invoice.

*Thank You!*

RECEIVED SEP 19 1996

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1.2% Charged Thereafter.

claims or suits for

COPY

TELEPHONE  
 AREA CODE 913 483-2627  
 AREA CODE 913 483-3887

**ALLIED CEMENTING COMPANY, INC.**

NO. 9 BOX 21 EXPLORATION COMPANY  
 RUSSELL, KANSAS 67665

LEASE: ROBERT DATE RECD: 12-16-96

TO: Midwestern Exploration Co. ~~TANG.~~ INVOICE NO. 73319  
 P. O. Box 1884 ~~COMP.~~ X ~~TANG.~~ X PURCHASE ORDER NO.         
 Liberal, KS 67905 ~~OP. EXP.~~        USED FOR: Cement LEASE NAME McCraberts #1  
 ACCOUNT NO. 6000 71100 DATE ENTERED DATE 9-9-96  
 APPROVED BY: CM 80 DATE PAID:       

SERVICE AND MATERIALS AS FOLLOWS:

|                                    |              |             |                    |
|------------------------------------|--------------|-------------|--------------------|
| Common ASC 125 sks @\$8.70         | \$1,087.50   | <b>PAID</b> |                    |
| Salt 12 sks @\$7.00                | 84.00        |             |                    |
| Lite 500 sks @\$6.65               | 3,325.00     |             |                    |
| FloSeal 125# @\$1.15               | 143.75       |             |                    |
| Mud Sweep 500 gal @\$1.80          | 900.00       |             | \$5,540.25         |
| Handling 625 sks @\$1.05           | 656.25       |             |                    |
| Mileage (84) @\$.04¢ per sk per mi | 2,100.00     |             |                    |
| Production Casing                  | 1,030.00     |             |                    |
| Mi @\$2.85 pmp trk chg             | 239.40       |             | 4,025.65           |
| 1 Guide Shoe-----                  | \$140.00     |             |                    |
| 8 Centralizers-----                | 424.00       |             |                    |
| 1 Thread Lock-----                 | 30.00        |             |                    |
| 1 Latch down Plug-----             | 515.00       |             | 1,109.00           |
|                                    | <b>Total</b> |             | <b>\$10,674.90</b> |

*Chuck  
 were the  
 Surface  
 on Production*

*Thank You!*

\*s Following Date of Invoice. 1% Charged Thereafter

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claims or suits or suits

**COPY**

TELEPHONE:  
 AREA CODE 913 483-2627  
 AREA CODE 913 483-3887

**ALLIED CEMENTING COMPANY, INC.**

P.O. BOX 21  
 MIDWESTERN EXPLORATION COMPANY  
 RUSSELL, KANSAS 67665

LEASE: ROBERTS DATE RECD: 12-16-96

TO: Midwestern Exploration Co. TANG. X INST. NO. 73319  
P. O. Box 1884 COMP. X TANG. X INST. NO. X  
Liberal, KS 67905 OF. EXP.          USED FOR: Cement PURCHASE ORDER NO.           
         LEASE NAME McRoberts #1  
 ACCOUNT NO: 52000 71100 DATE ENTERED: 9-9-96  
 APPROVED BY: CM BO DATE PAID:         

SERVICE AND MATERIALS AS FOLLOWS:

|                                    |               |             |                 |
|------------------------------------|---------------|-------------|-----------------|
| Common ASC 125 sks @\$8.70         | \$1,087.50    | <b>PAID</b> |                 |
| Salt 12 sks @\$7.00                | 84.00         |             |                 |
| Lite 500 sks @\$6.65               | 3,325.00      |             |                 |
| FloSeal 125# @\$1.15               | 143.75        |             |                 |
| Mud Sweep 500 gal @\$1.80          | <u>900.00</u> |             | \$5,540.25      |
| Handling 625 sks @\$1.05           | 656.25        |             |                 |
| Mileage (84) @\$.04¢ per sk per mi | 2,100.00      |             |                 |
| Production Casing                  | 1,030.00      |             |                 |
| Mi @\$2.85 pmp trk chg             | <u>239.40</u> |             | 4,025.65        |
| 1 Guide Shoe-----                  | \$140.00      |             |                 |
| 8 Centralizers-----                | 424.00        |             |                 |
| 1 Thread Lock-----                 | 30.00         |             |                 |
| 1 Latch down Plug-----             | <u>515.00</u> |             | <u>1,109.00</u> |
|                                    | Total         |             | \$10,674.90     |

*Chuck  
 were the  
 Surface  
 on Production*

*Thank You!*

Following Date of Invoice. 1½% Charged Thereafter

RECEIVED SEP 19 1996

claims or suits for

COPY

TELEPHONE:  
 AREA CODE 913 483-2627  
 AREA CODE 913 483-3887

**ALLIED CEMENTING COMPANY, INC.**

P.O. BOX 81  
 MIDWESTERN EXPLORATION COMPANY  
 RUSSELL, KANSAS 67665

LEASE: ROBERT B DATE RECD: 12-16-96

TO: Midwestern Exploration Co. INT. INVOICE NO. 73319  
 P. O. Box 1884 COMP. X TANG. X INT. TANG. X  
 Liberal, KS 67905 OF. EXP. \_\_\_\_\_ USED FOR: Cement PURCHASE ORDER NO. \_\_\_\_\_  
 LEASE NAME McCRoberts #1  
 ACCOUNT NO. 52000 71100 DATE ENTERED DATE 9-9-96  
 APPROVED BY: CM BO DATE PAID: \_\_\_\_\_

SERVICE AND MATERIALS AS FOLLOWS:

|                                    |               |             |                 |
|------------------------------------|---------------|-------------|-----------------|
| Common ASC 125 sks @\$8.70         | \$1,087.50    | <b>PAID</b> |                 |
| Salt 12 sks @\$7.00                | 84.00         |             |                 |
| Lite 500 sks @\$6.65               | 3,325.00      |             |                 |
| FloSeal 125# @\$1.15               | 143.75        |             |                 |
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| Mileage (84) @\$.04¢ per sk per mi | 2,100.00      |             |                 |
| Production Casing                  | 1,030.00      |             |                 |
| Mi @\$2.85 pmp trk chg             | <u>239.40</u> |             | 4,025.65        |
| 1 Guide Shoe-----                  | \$140.00      |             |                 |
| 8 Centralizers-----                | 424.00        |             |                 |
| 1 Thread Lock-----                 | 30.00         |             |                 |
| 1 Latch down Plug-----             | <u>515.00</u> |             | <u>1,109.00</u> |
|                                    | Total         |             | \$10,674.90     |

*Chuck  
 were the  
 Surface  
 or  
 Product*

*Thank You!*

\*s Following Date of Invoice. 1½% Charged Thereafter

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