

ORIGINAL

009-24638 0000

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

Operator: License # 31560

Name: MAXWELL OPERATING CO., INC.

Address P.O. Box 1213

City/State/Zip Hays, Kansas 67601

Purchaser: Farmland Industries, Inc.

Operator Contact Person: Brian Karlin

Phone (913) 628-6783

Contractor: Name: Discovery Drilling, Inc.

License: 31548

Wellsite Geologist: Ron Nelson

Designate Type of Completion

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

If Workover/Re-Entry: old well info as follows:

Operator: \_\_\_\_\_

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

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

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

7/23/97 7/30/97 7/30/97

Spud Date 7/23/97 Date Reached TD 7/30/97 Completion Date 7/30/97

API NO. 15- \_\_\_\_\_

County Barton

S/2 NW NE Sec. 4 Twp. 16S Rge. 12W

4290 Feet from  N (circle one) Line of Section

1980 Feet from  E/W (circle one) Line of Section

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

Lease Name ROSS Well # 1

Field Name Beaver

Producing Formation Lansing KC

Elevation: Ground 1869 KB 1877

Total Depth 3332 PBD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 417.69 Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from \_\_\_\_\_

foot depth to \_\_\_\_\_ w/ \_\_\_\_\_ ex cnt.

Drilling Fluid Management Plan Att. 1 1-21-99 O.C.  
(Data must be collected from the Reserve Pit)

Chloride content 14,000 ppm Fluid volume 1500 bbls

Deswering method used Evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_

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, 200 Colorado Derby Building, 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 slide 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 Brian Karlin

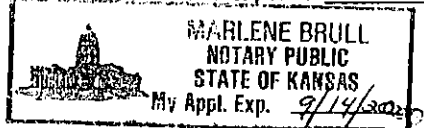
Title Production Manager Date 9-22-97

Subscribed and sworn to before me this 24 day of September 19 97.

Notary Public Marlene Brull

Date Commission Expires 9-14-2000

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 MAXWELL OPERATING CO., INC.

Lease Name ROSE

Well # 1

Sec. 4 Twp. 16S Rge. 12W

East  
 West

County Barton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests given 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.)

Log Formation (Top), Depth and Datum  Sample

| Name                | Top       | Datum |
|---------------------|-----------|-------|
| Topeka Lm.          | 2667- 790 |       |
| Heebner Sh.         | 2948-1071 |       |
| Toronto Lm.         | 2966-1089 |       |
| Brown Lm.           | 3035-1158 |       |
| Lansing/Kansas City | 3045-1168 |       |
| Base Kansas City    | 3296-1419 |       |
| RTD                 | 3332-1455 |       |

List All E. Logs Run:  
Dual Induction Log---ELI Wireline Services  
Micro Log---ELI Wireline Services  
Compensated Neutron Density Log---ELI Wireline

CASING RECORD  New  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 Pipe      | 12 1/4            | 8 5/8                     | 28              | 417.69        | 60/40Poz       | 225          | 2%Gel&3%CC                 |
| Production St.    | 7 7/8             | 5 1/2                     | 14              | 3313          | ASC            | 175          | 10%Salt                    |

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  |             | Acid, Fracture, Shot, Cement Squeeze Record |       |
|----------------|---|-------------|---|-------|
|                | Specify Footage of Each Interval Perforated |             | (Amount and Kind of Material Used)          | Depth |
| 2              | 3255-58                                     | L/KC "K"    | 250 gal 15% NE, comm. to "J"                |       |
| 2              | 3219-22                                     | L/KC "J"    | 750 gal 15% NE & 300# rock salt             |       |
| 2              | 3122-26                                     | L/KC "F"    | 500 gal 15% NE                              |       |
| 2              | 3079-83                                     | L/KC "C"    | 250 gal 15% NE, comm. to "A"                |       |
| 2              | 3053-55                                     | L/KC "A"    | 750 gal 15% NE & 400# rock salt             |       |
| 2              | 2968-71                                     | Toronto     | 500 gal 15% NE                              |       |
| 2              | 2914-16, 2892-95                            | Plattsmouth | 1000 gal 15% NE                             |       |

| TUBING RECORD | Size  | Set At | Packer At | Liner Run   |
|---------------|-------|--------|-----------|---|
|               | 2-7/8 | 3250   | None      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Date of First, Resumed Production, SWD or Inj. 8-26-97 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
|                                   | 115       |         | 65          |               | 36.4    |

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

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

Production Interval \_\_\_\_\_

MAXWELL OPERATING CO., INC.  
P.O. BOX 1213  
HAYS, KANSAS 67601

Ross #1  
S/2-NW-NE  
04-16S-12W  
Barton County, Kansas

DST #1: 2892-2931'  
30-45-30-45  
IFP: 22-38# FFP: 42-50# BHT: 103  
SIP: 323-208# IHH: 1386# FHH: 1376#  
REC: 600' gas in pipe,  
30' gassy mud and water cut oil,  
(5% gas, 40% oil, 25% water, 30% mud),  
70' gassy mud and water cut oil,  
(10% gas, 40% oil, 35% water, 15% mud).

DST #2: 3068-3090'  
30-30-10-0  
IFP: 15-21# FFP: 17-20# BHT: 102  
SIP: 81-??# IHH: 1486# FHH: 1476#  
REC: 30' gas in pipe,  
20' slightly oil specked mud, (3% oil, 97% mud).

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CONSERVATION DIVISION  
Wichita, Kansas

DST #3: 3091-3142'  
30-45-30-45  
IFP: 136-287# FFP: 297-383# BHT: 111  
SIP: 467-470# IHH: 1517# FHH: 1485#  
REC: Gas to surface in 5 minutes,  
150' gassy mud, (10% gas, 90% mud),  
150' gassy oil and mud cut water,  
(10% gas, 15% oil, 65% water, 10% mud),  
180' gassy oil and mud cut water,  
(10% gas, 10% oil, 60% water, 20% mud),  
180' salt water.

# ALLIED CEMENTING CO., INC.

8788

Federal Tax I.D.# 48-0727860

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

ORIGINAL

SERVICE POINT: Russell

|                           |                 |                                |                 |                            |                    |                |                           |
|---------------------------|-----------------|--------------------------------|-----------------|----------------------------|--------------------|----------------|---------------------------|
| DATE <u>7-24-97</u>       | SEC. <u>4</u>   | TWP. <u>10</u>                 | RANGE <u>12</u> | CALLED OUT <u>12:30 PM</u> | ON LOCATION        | JOB START      | JOB FINISH <u>2:30 PM</u> |
| LEASE <u>RUS</u>          | WELL # <u>1</u> | LOCATION <u>Beaver 3N 1/2E</u> |                 |                            | COUNTY <u>Bert</u> | STATE <u>K</u> |                           |
| OLD OR (NEW) (Circle one) |                 |                                |                 |                            |                    |                |                           |

CONTRACTOR Discovery Drills #1

TYPE OF JOB SURFACE

HOLE SIZE 12 1/2" T.D. 420

CASING SIZE 8 1/2" DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 255

OWNER

CEMENT

AMOUNT ORDERED

225 lbs 60/40 3% CC 2%

|          |            |   |              |               |
|----------|------------|---|--------------|---------------|
| COMMON   | <u>135</u> | @ | <u>6.35</u>  | <u>857.25</u> |
| POZMIX   | <u>90</u>  | @ | <u>3.25</u>  | <u>292.50</u> |
| GEL      | <u>4</u>   | @ | <u>950</u>   | <u>38.00</u>  |
| CHLORIDE | <u>7</u>   | @ | <u>28.00</u> | <u>196.00</u> |

EQUIPMENT

PUMP TRUCK CEMENTER BILL

# 153 HELPER MARK

BULK TRUCK DRIVER

BULK TRUCK DRIVER Darin

|                     |   |            |                |
|---------------------|---|------------|----------------|
| HANDLING            | @ | <u>105</u> | <u>236.25</u>  |
| MILEAGE <u>32 m</u> | @ | <u>84</u>  | <u>288.00</u>  |
| TOTAL               |   |            | <u>1908.00</u> |

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STATE CORPORATION COMMISSION

JAN - 6 1999

SERVICE

REMARKS:

CONSERVATION DIVISION  
Wichita

Cement did circulate

|                           |            |            |              |
|---------------------------|------------|------------|--------------|
| DEPTH OF JOB              | <u>475</u> |            |              |
| PUMP TRUCK CHARGE         |            |            | <u>475</u>   |
| EXTRA FOOTAGE <u>120'</u> | @          | <u>41</u>  | <u>49.20</u> |
| MILEAGE <u>32</u>         | @          | <u>285</u> | <u>9120</u>  |
| PLUG <u>WOOD 8 3/8</u>    | @          |            | <u>4500</u>  |

TOTAL 660.40

CHARGE TO: Maxwell Operating Co, Inc

STREET P.O. Box 1213

CITY Hays STATE Kan ZIP 67601

FLOAT EQUIPMENT

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

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

TOTAL

# ALLIED CEMENTING CO., INC.

8181

Federal Tax I.D.# 48-0727860

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

SERVICE POINT:

ORIGINAL

R

|                         |                 |                                  |                             |            |                      |                         |                          |
|-------------------------|-----------------|----------------------------------|-----------------------------|------------|----------------------|-------------------------|--------------------------|
| DATE <u>7-30-97</u>     | SEC. <u>4</u>   | TWP. <u>16<sup>s</sup></u>       | RANGE <u>12<sup>w</sup></u> | CALLED OUT | ON LOCATION          | JOB START <u>7:00pm</u> | JOB FINISH <u>8:00pm</u> |
| LEASE <u>Ross</u>       | WELL # <u>1</u> | LOCATION <u>BEAVER 3N 2E 12N</u> |                             |            | COUNTY <u>Barton</u> | STATE <u>KS</u>         |                          |
| OLD OR NEW (Circle one) |                 |                                  |                             |            |                      |                         |                          |

|   |                                  |  |
|---|----------------------------------|--|
| CONTRACTOR <u>Discovery Drlg.</u>             | OWNER                            |  |
| TYPE OF JOB <u>Production String</u>          |                                  |  |
| HOLE SIZE <u>7 7/8</u>                        | T.D. <u>3332</u>                 | CEMENT                                 |
| CASING SIZE <u>5 1/2</u>                      | DEPTH <u>3308</u>                | AMOUNT ORDERED <u>175 ASC 10% salt</u> |
| TUBING SIZE                                   | DEPTH                            |  |
| DRILL PIPE                                    | DEPTH <u>500 gal WFR-2</u>       |  |
| TOOL  | DEPTH                            |  |
| PRES. MAX                                     | MINIMUM                          | COMMON <u>ASC 175 @ 8.20 1435.00</u>   |
| MEAS. LINE                                    | SHOE JOINT <u>32</u>             | POZMIX @                               |
| CEMENT LEFT IN CSG.                           | GEL @                            |  |
| PERFS.  | CHLORIDE @                       |  |
| DISPLACEMENT <u>14<sup>th</sup> 80.68 HB1</u> | <u>Salt 17 @ 7.00 119.00</u>     |  |
| EQUIPMENT <u>153</u>                          | <u>WFR2 500 gal @ 100 500.00</u> |  |
| PUMP TRUCK # <u>153</u>                       | CEMENTER <u>Dave</u>             | HANDLING @ <u>105 183.75</u>           |
| #   | HELPER <u>Paul</u>               | MILEAGE <u>32m @ 04 224.00</u>         |
| BULK TRUCK #                                  | DRIVER                           | TOTAL <u>2461.75</u>                   |
| BULK TRUCK # <u>282</u>                       | DRIVER <u>Boast</u>              |  |

REMARKS:

Cent on 13.61 S 12

|                          |                |
|--------------------------|----------------|
| DEPTH OF JOB             |                |
| PUMP TRUCK CHARGE        | <u>1080.00</u> |
| EXTRA FOOTAGE @          |                |
| MILEAGE <u>32m @ 285</u> | <u>91.20</u>   |
| PLUG <u>5 1/2 Rubber</u> | <u>50.00</u>   |
|                          |                |
|                          |                |
| TOTAL                    | <u>1221.20</u> |

CHARGE TO: Maxwell Operating Co Inc  
STREET P.O. Box 1213  
CITY Hays STATE Kan ZIP 67601

FLOAT EQUIPMENT

|                     |                     |
|---------------------|---------------------|
| <u>1 Guide Shoe</u> | <u>16800</u>        |
| <u>1 DEF Inlet</u>  | <u>263.00</u>       |
| <u>5 Cementers</u>  | <u>56.00 280.00</u> |
|                     |                     |
|                     |                     |
| TOTAL               | <u>77.00</u>        |

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment for a PARTIAL DAY or FITNESS FOR A PARTICULAR PURPOSE and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done on 7/30/97.