API NO. 15- 119-21,081-00-00

County: Meade

Operator: License # 5135
Name: John O. Farmer, Inc.
Address: P.O. Box 252
City/State/Zip: Russell, KS 67665
Purchaser: NCRA

Operator Contact Person: John O. Farmer III
Phone (785): 685-3144

Contractor: Name: Abercrombie RTD, Inc.
License: 30684
Wellsite Geologist: Craig Cauk

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

X Oil ___ SWD ___ SIOW ___ Temp. Abd.
___ Gas ___ ENHR ___ SIOW
___ Dry ___ Other (Core, WSW, 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 ___ Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Inj?) Docket No.

Spud Date: 3-30-02 ___ 4-11-02 ___ 5-3-02
Date Reached TD ___ Completion Date ___

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 wiredline 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: John O. Farmer III
Title: President
Date: 6-26-02
Subscribed and sworn to before me this 26th day of June, 2002.

Notary Public: Margaret A. Schulte
Date Commission Expires: 1-27-05

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

Form ACO-1 (7-91)
Operator Name: John D. Farmer, Inc.  
Lease Name: Patterson  
Well #: 1-7

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.)  
☐ Yes ☐ No

Samples Sent to Geological Survey  
☐ Yes ☐ No

Cores Taken  
☐ Yes ☐ No

Electric Log Run  
(Submit Copy.)

☐ Yes ☐ No

List All E.Logs Run:  
☐ Sonic Cement Bond Log  
☐ Dual Compensated Porosity Log  
☐ Dual Induction Log  
☐ Borehole Compensated Sonic Log  
☐ Microresistivity Log

☐ Yes ☐ No

<table>
<thead>
<tr>
<th>Log</th>
<th>Formation (Top), Depth and Datums</th>
<th>Sample</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐</td>
<td>Heebner Shale 4201' (-1374)</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>Stark Shale 4698' (-1871)</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>Swope Limestone 4710' (-1883)</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>Hush Shale 4777' (-1950)</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>Pawnee Limestone 4970' (-2143)</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>Cherokee Shale 5011' (-2184)</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>Atoka Shale 5220' (-2293)</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>Morrow Shale 5257' (-2430)</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>Mississippi Chester 5290' (-2483)</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>Mississippi St. Gen. 5464' (-2637)</td>
<td>☐</td>
</tr>
<tr>
<td>☐</td>
<td>L.T.D. 5549' (-2722)</td>
<td>☐</td>
</tr>
</tbody>
</table>

CASING RECORD  
☐ New ☐ Used

<table>
<thead>
<tr>
<th>Purpose of String</th>
<th>Size Hole Drilled</th>
<th>Size Casing Set (in O.D.)</th>
<th>Weight Lbs./Ft.</th>
<th>Setting Depth</th>
<th>Type of Cement Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>12-1/4&quot;</td>
<td>8-5/8&quot;</td>
<td>23#</td>
<td>1771'</td>
<td>Common</td>
<td>150 3% CC</td>
</tr>
<tr>
<td>Production</td>
<td>7-7/8&quot;</td>
<td>5-1/2&quot;</td>
<td>15.5#</td>
<td>5521'</td>
<td>ASC</td>
<td>100 6% Gilsonite/sack</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>50/50 Pozmix</td>
<td>50 4% Gel</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Mud flush</td>
<td>500-gals</td>
</tr>
</tbody>
</table>

ADDITIONAL CEMENTING/SQUEEZE RECORD

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>Depth</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
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<tbody>
<tr>
<td>Perforate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protect Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Back TD</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plug Off Zone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
4 SPF
5295-5308'

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used)
750 gals. 15% MCA/NE-PE
5295-5308'

TUBING RECORD
Size 2-3/8" 5278'
Set At 5278'
Packer At  
Liner Run ☐ No ☐ Yes

Date of First, Resumed Production, SWD or Inj.
May 3, 2002
Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other
(Explain)

Estimated Production
Per 24 Hours Oil 14.18 Bbls. Gas Mcf 0.00 Water Bbls. Gas-Oil Ratio 27.6°

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 5295-5308'
API #15-119-21,081-00-00
TIGHT HOLE - DO NOT RELEASE INFORMATION

3/29/02
MIRU

3/30/02
Preparing to spud

3/31/02
1054', drilling

4/1/02
1772', waiting on cement.
Ran 42 lbs. new 23#/8-5/8" casing - set @ 1771'.
Cemented w/525 lbs. lime, 3% C.C., 1# C floe
seal followed w/150 lbs. Class A, 3% C.C. Plug
down @ 5:45 A.M., 4/1/02. Cement did circulate.

4/2/02
2365', drilling

4/3/02
3124', drilling

4/4/02
3847', drilling

4/5/02
4364', drilling

4/6/02
4689', drilling

4/7/02
4905', drilling

4/9/02
5280', DST #1 (Upper Morrow Sand: 5214-5280)
DST mis-run. Hydraulic tool malfunction and/or
packer seat failure. Replaced hydraulic tool and
changed packer seat to re-run the test.

4/9/02
5280', DST #2 (Upper Morrow Sand: 5194-5280)
Tool open: 45-45-60-60 - strong blow
Rec: 2033' gas
61' gassy oil (25% gas, 75% oil) 65' gravity
62' gassy oil (50% gas, 50% oil)
62' gascut & oilcut mud (5% gas, 10% oil, 85% mud)
62' oilcut mud (5% oil)
120' mud with trace of oil
387' TOTAL FLUID

FP: 50-135
SIP: 981-1121
HP: 2658-2547
BHT: 126'

DST #3 (Chester Limestone: 5290-5325')
Tool open: 6-30-0-0 - strong blow
Rec: 788' GIP
240' OCM (30% oil, 70% mud)
120' OCM (20% oil, 80% mud)
120' SOCIM (5% oil, 95% mud)
420' GM (5% gas, 95% mud)
900' TOTAL FLUID
FP: 185-118
HP: 2725-2627

4/10/02
5325', coming out of hole with DST #4.

DST #4 (Chester Limestone, Morrow Sand: 5192-5325')
Tool open: 30-45-45-120 - strong blow
Rec: 240' GCOM (20% oil, 8% gas, 75% mud)
240' GCM (30% oil, 20% oil, 50% mud)
210' MOG (40% oil, 50% gas, 10% mud)
210' MCGO (40% oil, 35% gas, 5% mud)
30' API
900' TOTAL FLUID
FP: 180-273, 318-375
SIP: 1512-1591
HP: 2661-2563
BHT: 127'

4/11/02
5509', drilling

4/12/02
5509', completed running casing @ 3:35 P.M. Ran 130 lbs. 15.6# 5-1/2" casing; set @ 5521'. Cemented w/600 lbs. mud flush, 50 lbs.
50-50 Pozmix, w/4% gel, 100 lbs. ASC cement w/8% ak. gilsonite.
Released rig.

FINAL REPORT

JOE, Inc.
Patterson 1-7
N2 NE NW
Sec. 7-30-30
2824' KB
Sample E-Log

Chase Herrington
Heebner
Stark Shale
Swope
Cher. Shale
Atoka Shale
Miss. Chas.
Ches. Sd.
St. Gen.
St. Louis #1
St. Louis #2
RTD
LTD
4207' (-1363) 4196' (-1369) 4201' (-1374)
4561' (-1717) 4696' (-1869) 4698' (-1871)
4720' (-1876) 4703' (-1876) 4710' (-1883)
4742' (-1989) 5016' (-2172) 5010' (-2183)
5011' (-2184) 5232' (-2388) 5219' (-2392)
5220' (-2393) 5308' (-2464) 5286' (-2465)
5290' (-2463) 5458' (-2614) 5454' (-2627)
5485' (-2658) 5475' (-2677) 5519' (-2722)
5550' (-2723) 5549' (-2722)
**ALLIED CEMENTING CO., INC.**

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

**SERVICE POINT:**

<table>
<thead>
<tr>
<th>DATE</th>
<th>SEC.</th>
<th>TWP.</th>
<th>RANGE</th>
<th>CALLED OUT</th>
<th>ON LOCATION</th>
<th>JOB START</th>
<th>JOB FINISH</th>
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</thead>
<tbody>
<tr>
<td>7/11/02</td>
<td>7</td>
<td>30s</td>
<td>30w</td>
<td>3:30 PM</td>
<td>9:30 AM</td>
<td>5:45 PM</td>
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<table>
<thead>
<tr>
<th>LEASE</th>
<th>WELL #</th>
<th>LOCATION</th>
<th>COUNTY</th>
<th>STATE</th>
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</thead>
<tbody>
<tr>
<td>Patterson</td>
<td>#1-7</td>
<td>Sublette</td>
<td>12 E</td>
<td>152 W, 160 N</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONTRACTOR</th>
<th>OWNER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abersand &amp; Sons</td>
<td>Same</td>
</tr>
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</table>

| TYPE OF JOB | CEMENT 47% Surface Cement |

<table>
<thead>
<tr>
<th>HOLE SIZE</th>
<th>T.D.</th>
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<tbody>
<tr>
<td>12 3/4</td>
<td>1772</td>
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<table>
<thead>
<tr>
<th>CASING SIZE</th>
<th>DEPTH</th>
</tr>
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<tbody>
<tr>
<td>9 7/8</td>
<td>1772</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TUBING SIZE</th>
<th>DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 1/2</td>
<td>DEPTH</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>DRILL PIPE</th>
<th>DEPTH</th>
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<tr>
<td>40'</td>
<td>DEPTH</td>
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<table>
<thead>
<tr>
<th>TOOL</th>
<th>DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumps</td>
<td>Depth</td>
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</table>

<table>
<thead>
<tr>
<th>PRES. MAX</th>
<th>MINIMUM</th>
<th>CEMENT LEFT IN CSG.</th>
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<tbody>
<tr>
<td>700</td>
<td>150</td>
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<table>
<thead>
<tr>
<th>MEAS. LINE</th>
<th>SHOE JOINT</th>
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<tbody>
<tr>
<td>Common</td>
<td>42</td>
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<tr>
<th>EQUIPMENT</th>
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<tbody>
<tr>
<td>PUMP TRUCK</td>
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<tr>
<td># 191</td>
</tr>
<tr>
<td>HELPER</td>
</tr>
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<table>
<thead>
<tr>
<th>BULK TRUCK</th>
<th>DRIVER</th>
</tr>
</thead>
<tbody>
<tr>
<td># 347</td>
<td>Jared</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BULK TRUCK</th>
<th>DRIVER</th>
</tr>
</thead>
<tbody>
<tr>
<td># 161</td>
<td>Lonnie</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common 150,000 @ 7.85</td>
</tr>
</tbody>
</table>

| COMMON | 150,000 | 7.85 | 1172.50 |
| POZMIX | | | |
| GEL | | | |
| CHLORIDE | 22.5 | 0.00 | 66.00 |
| Lite-weight | 525 | 6.75 | 3497.50 |
| Flo-50 | 131 | 1.40 | 183.40 |

| HANDLING | 735,65 | 11.0 | 8000.50 |

| MILEAGE | 4 9/16 | 1172.00 |

| TOTAL | 7654.15 |

**REMARKS:**
- 47% Surface Cement with 525 sf, Lost 4 Weeks from Drop out, Displaced 11x4, 12x14, 40' Plug, Pump Hold, Cement Did Circulate

**CHARGE TO:** John O. Farmer

**STREET**

**CITY**

**STATE**

**ZIP**

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

**SIGNATURE**

**PRINTED NAME**

**FURTHER DETAILS:**
- **SERVICE**
  - DEPTH OF JOB: 1170.00
  - PUMP TRUCK CHARGE: 1170.00
  - EXTRA FOOTAGE: 0
  - MILEAGE: 40 MI @ 3.00 | 120.00
  - PLUG: 40' Rubber @ 0 | 0.00

  **TOTAL 1350.00**

- **FLOAT EQUIPMENT**
  - 1-9% Hydrate Hose @ 50 | 50.00
  - 3-8% A/C Insert @ 72.50
  - 1-1/2% Centralizer @ 55.00 | 165.00

  **TOTAL 670.00**

- **TAX**
  - TOTAL CHARGE: 9674.15
  - DISCOUNT: 8674.15

  **IF PAID IN 30 DAYS**
  - **SIGNATURE**
  - **PRINTED NAME**
ALLIED CEMENTING CO., INC.

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

ORIGINAL

SERVICE POINT: Oakley

DATE 4-12-02  SEC 7 TWP 30 RANGE 30 CALLED OUT 8100' ON LOCATION 2:30 pm JOB START 3:10 pm JOB FINISH 3:35 pm

LEASE Patterson WELL # 1-7 LOCATION Saline the 13E-75-3-4-W1 COUNTY Meade STATE Kan

CONTRACTOR Abagcombine AID #8 TYPE OF JOB Production String

HOLE SIZE 7 1/2" T.D. 5550' CASING SIZE 5 1/2" DEPTH 5822' TUBING SIZE DEPTH TOOL DEPTH PRES. MAX MINIMUM MEAS. LINE SHOE JOINT 42 22' CEMENT LEFT IN CSG. 42 22'

CEMENT

AMOUNT ORDERED 755 sks 50% por, 48% gel 100 sks ASC, 6% Siloxane por 500 gal WER-2

COMMON 38 sks @ 7 25 298 30 POZMIX 37 sks @ 3 25 131 35 GEL 3 sks @ 10 25 30 35 CHLORIDE 3 sks @ 10 25 30 35 ASC - 100 sks @ 9 25 935 35 Siloxane 600# @ 50 30 300 35 WER-2 500gal @ 10 30 500 35

EQUIPMENT

PUMP TRUCK CEMENTER Half
# 309 HELPER Terry
BULK TRUCK DRIVER Longie
# 309

HANDLING MILEAGE 192 sks @ 1 10 211 20 4# per skid @ 6 30 30 20

TOTAL 2,713 05

REMARKS:

cite & rotated casing 1 hr Pump 500gal WER-2 Mix 10 sks in mud Mix 15 sks in mud Mix 50 sks 50% por 4% gel, Tail in 100 sks ASC, Clear Pump + Lines Pump Displacement (134 Bbl) below Plug Installed 2 1500', Float Hyd.

SERVICE

DEPTH OF JOB 5221'

PUMP TRUCK CHARGE 1340 00
EXTRA FOOTAGE

MILEAGE 40 miles @ 3 00 120 00

PLUG

TOTAL 1,460 00

FLOAT EQUIPMENT

5/2

- AEU Float Shoe 263 00
- Latch Down Plug Assy 350 00
- Centralizers 20 00 400 00
- Basket 128 00
- Limit Clamps 20 00 40 00

TOTAL 1231 00

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE

PRINTED NAME

Charles Stiner

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME

Charles Stiner
June 26, 2002

Kansas Corporation Commission
Conservation Division
130 South Market, Room 2078
Wichita, KS 67202

Re: REQUEST FOR CONFIDENTIALITY
John O. Farmer, Inc. #1-7 Patterson
API# 15-119-21,081-00-00
N/2 NE NW Sec. 7-30S-30W
Meade County, Kansas

Gentlemen:

We would like to request that information listed on side two of the enclosed ACO-I and related material (E-logs, etc.) for our Patterson #1-7 be held confidential for two years.

It is our understanding we can make a two-year confidentiality request from date of submittal rather than just a 12 month request.

Very truly yours,

JOHN O. FARMER, INC.

Marge Schulte

Enclosures