API No. 15

Graham

County

SW SE SE Sec. 23 Twp. 6 Rge. 23 W

Feet from NE (circle one) Line of Section

420

Feet from SW (circle one) Line of Section

990

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

Lease Name G. Fountain

Well # 1

Field Name

Producing Formation N/A

Elevation: Ground 2380 KB 2385

Total Depth 3828' PBD

Amount of Surface Pipe Set and Cemented at 260 Feet

Multiple Stage Cementing Collar Used? Yes No

If Yes, show depth set ___________ Feet

If Alternate II completion, cement circulated from ___________ feet depth to ______________ w/ ___________ slt cat.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 2,000 ppm Fluid volume 614 bbls

Devatering method used evaporation

Location of fluid disposal if hauling offsite: 

Operator Name Murfin Drilling Co.

License 30606

Operator Contact Person Jeff Christian

Phone (316) 267-4375

Contractor Name Murfin Drilling Co.

License 30606

Wellsite Geologist: K. Kessler

Designate Type of Completion

X New Well ___ Re-Entry ___ Workover

Oil ___ SWD ___ SWI ___ Temp. Abd.

Gas ___ ENHR ___ SWG

Dry ___ Other (Core, WSV, Explo., Cathodic, etc.)

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

Operator Name

Well Name

Comp. Date __________ Old Total Depth __________

Deepening __________ Re-perf. __________ Conv. to Inj/SWD __________

Plug Back __________ PBD __________

Commissioned __________ Docket No. __________

Dual Completion __________ Docket No. __________

Other (SWD or Inj?) Docket No. __________

5-15-93 5-20-93 5-20-93

Spud Date Date Reached TD Completion Date

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 side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. All cementing tickets MUST BE ATTACHED. Submit CP-6 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

Title President

Date 7-14-93

Subscribed and sworn to before me this 14th day of July 1993.

Notary Public

Date Commission Expires

LISA THIMMESCH NOTARY PUBLIC STATE OF KANSAS My Appl. Exp.

K.C.C. OFFICE USE ONLY

F 15-065-22,710-00-00

Confidentiality Attached

C-1 Production Log Received

C-2 Geologist Report Received

X Jul 2 0 1993

Sta. Tr. Zona

1993 CONSERVATION DIVISION

Wichita, Kansas

Form ACD-1 (7-91)
Operator Name: Ritchie Exploration, Inc.  Lease Name: G. Fountain  Well #: 1
Sec. 23  Twp. 6  Rge. 23W  County: Graham

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

Log Formation (Top), Depth and Datums  
(Attach  
Sample

Samples Sent to Geological Survey  
Yes  - No

Cores Taken  
Yes  - No

Electric Log Run  
(Submit Copy.)
Yes  - No

List All Logs Run:  
no logs run  see attached sheet

---

CASING RECORD  
- New  - Used

Report all strings set-conductor, surface, intermediate, production, etc.

<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</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<tbody>
<tr>
<td>surface csg.</td>
<td>12 1/4&quot;</td>
<td>8 5/8&quot;</td>
<td>20#</td>
<td>260</td>
<td>60/40 poz</td>
<td>180</td>
<td>2% gel 3%</td>
</tr>
</tbody>
</table>

---

ADDITIONAL CEMENTING/SQUEEZE RECORD

<table>
<thead>
<tr>
<th>Purpose:</th>
<th>Depth Top Bottom</th>
<th>Type of Cement</th>
<th># Sacks Used</th>
<th>Type and Percent Additives</th>
</tr>
</thead>
<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

Acid, Fracture, Shot, Cement Squeeze Record
(Amount and Kind of Material Used)  
Depth

---

TUBING RECORD

Size  
Set At  
Packer At  
Liner Run  
Yes  - No

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

Estimated Production Per 24 Hours
Oil Bbls.  
Gas Mcf  
Water Bbls.  
Gas-Oil Ratio  
Gravity

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

METHOD OF COMPLETION  
- Open Hole  - Perf  - Quality Comp.  - Commingled  - Other (Specify)

Production Interval
Sample Tops
Anhydrite 2027' (+ 358)
B/Anhydrite 2059' (+ 326)
Topeka 3398' (-1013)
Heebner 3596' (-1211)
Toronto 3620' (-1235)
Lansing 3638' (-1253)
B/KC 3825' (-1440)
RTD 3828' (-1443)

DST #1 from 3730' to 3794' (140' and 180' zones). Recovered 3' mud, no show of oil.

IFP: 66-66#/30"; ISIP: 95#/30";
FFP: 66-66#/30"; FSIP: 76#/30".
ALLIED CEMENTING CO., INC.

Date: 5-15-93
Sec. 23
Twp. 6
Range 23
Called Out 5:15 PM
On Location 9:00 PM
Job Start 9:45 PM
Finish 10:00 PM
Lease No. 7
Well No. 1
Location 101 N 6th Hill City
Owner Ritchie Exploration

Type Job Surface
Hole Size 12½
T.D. 261'
Casing 9 5/8' 20'
Depth 260'
Thrg. Size Depth
Drill Pipe Depth
Tool Depth
Cement Left in Casing 15'
Shoe Joint
Press Max. 250'
Minimum
Mess Line No
Displace

EQUIPMENT

Hayes No. 277
Cementer Dean Rundle
Pumper No. 279
Cementer Corl Batten
Bulker No. 202
Driver Steve Williams

DEPTH of Job 260'
Reference:
1 Pump Trk chrq 430.00
2 45 per mile 45 miles 101.25
Surface Plug 42.00
Sub Total 573.25
Tax Total

Remarks:
1 Ran 6 Joints 8 7/8 cs5
cement did circulate

Thank You

Charge To Ritchie Exploration
Street 125 N Market 41000
City Wichita
State Kan 67202
The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No. X

CEMENT

Amount Ordered 180 sks before 390 cc 22 Go!

Consisting of

<table>
<thead>
<tr>
<th>Description</th>
<th>QTY</th>
<th>Price</th>
<th>Total</th>
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<tbody>
<tr>
<td>Common</td>
<td>108</td>
<td>5.75</td>
<td>621.00</td>
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<tr>
<td>Poz. Mix</td>
<td>12</td>
<td>7.00</td>
<td>84.00</td>
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<tr>
<td>Gel.</td>
<td>35</td>
<td>7.00</td>
<td>245.00</td>
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<tr>
<td>Chloride</td>
<td>6</td>
<td>25.00</td>
<td>150.00</td>
</tr>
<tr>
<td>Quickset</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sales Tax

Handling 1.00 180.00
Mileage 45 miles 1.04 324.00

RELEASED Aug 1 8 1995
Total 1491.00

Floating Equipment FROM CONFIDENTIAL

RECEIVED State Conservation Commission
JUL 20 1993
Conservation Division
Wichita, Kansas
### Allied Cementing Co., Inc.

**Home Office P. O. Box 31**  
Russell, Kansas 67665

<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>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-20-93</td>
<td>23</td>
<td>6</td>
<td>23</td>
<td>12:30 PM</td>
<td>3:00 PM</td>
<td>4:45 PM</td>
<td>7:15 PM</td>
</tr>
</tbody>
</table>

**Lease:** Fountain  
**Well No.:** 1  
**Location:** 10 NW 1/2 W 1/2  
**County:** Graham  
**State:** KS

**Contractor:** Murfin Drll  
**Type Job:** PTA

**Hole Size:** 7 7/8  
**T.D.:** 3811'  
**Ctg.:** Depth  
**Tub. Size:** 4 1/2  
**Drill Pipe:** Depth 2030'  
**Tool:** Depth  
**Cement Left in Ctg.:** Shoe Joint  
**Press Max.:** Minimum  
**Meas Line:** Displace

**Owner:** Ritchie Exploration Inc  
**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 listed.

**Charge To:** Ritchie Exploration Inc  
**Street:** 125 N Market  
**City:** Wichita  
**State:** KS  
**Zip:** 67202

The above was done to satisfaction and supervision of owner agent or contractor.

**Purchase Order No.:** X  
**Dealer:**  
**Amount Ordered:** 190 sks 60/40 63/64 1/2  
**Cement:**

<table>
<thead>
<tr>
<th>Consisting of</th>
<th>114</th>
<th>575</th>
<th>65550</th>
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<tbody>
<tr>
<td>Common</td>
<td>74</td>
<td>300</td>
<td>22800</td>
</tr>
<tr>
<td>Poz. Mix</td>
<td>70</td>
<td>20.00</td>
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<tr>
<td>Gel.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chloride</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quickset</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HCl</td>
<td>2</td>
<td>5500</td>
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</table>

**Sales Tax:**

<table>
<thead>
<tr>
<th>Handling</th>
<th>Mileage 45 m</th>
<th>Sub Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>341.20</td>
<td>1540.50</td>
</tr>
</tbody>
</table>

**Total:**

FROM CONFIDENTIAL  

**RECEIVED:**  
**STATE CORPORATION COMMISSION:**  
**JUL 20 1993**

**REMARKS:**  
1st Plug 97' 2030' W 1/2  
2d Plug 97' 1230' W 1/2 100 sks  
3rd Plug 97' 310' W 1/2 40 sks  
4th Plug 97' 40' W 1/2 10 sks  
15 sks in Rat Hole

**FROM CONFIDENTIAL:**  
**RECEIVED:**  
**STATE CORPORATION COMMISSION:**  
**JUL 20 1993**

**THANK YOU:**