API NO. 15- 065-22,560 ~00-00

County
Graham

20° W of
NE NE SE Sec. 2 Twp. 6 Rge. 23 X
East
West

2310
350

Ft. North from Southeast Corner of Section
Ft. West from Southeast Corner of Section

Lease Name Schuck-2D
Well # 1

Field Name unknown

Producing Formation
n/a

Elevation: Ground 2366' KB 2371'

Total Depth 2190' PBD n/a

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Amount of Surface Pipe Set and Cemented at 249 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _______ Feet

If Alternate II completion, cement circulated from _______ feet depth to w/ _______

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-4 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 President

Date 6/21/90

Subscribed and sworn to before me this 21st day of June 1990.

Notary Public [Notary Public]

Date Commission Expires 6/07/92

K.C.C. OFFICE USE ONLY

Distribution

KCC KGS SWD/Rep Plug Other

NGPA (Specify)

Form ACO-1 (7-89)
Operator Name: Ritchie Exploration, Inc.  Lease Name: Schuck-2D
Sec. 2  Twp. 6S  Rge. 23  East  County: Graham
X West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time test 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.

<table>
<thead>
<tr>
<th>Drill Stem Tests Taken</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Samples Sent to Geological Survey</td>
<td>X Yes</td>
<td>No</td>
</tr>
<tr>
<td>Cores Taken</td>
<td>X Yes</td>
<td>No</td>
</tr>
<tr>
<td>Electric Log Run (Submit Copy.)</td>
<td>X Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**Formation Description**

<table>
<thead>
<tr>
<th>Name</th>
<th>Top</th>
<th>Bottom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anhydrite</td>
<td>2052'(+ 319)</td>
<td></td>
</tr>
<tr>
<td>B/Anhydrite</td>
<td>2082'(+ 289)</td>
<td></td>
</tr>
<tr>
<td>LTD</td>
<td>2161'(+ 210)</td>
<td></td>
</tr>
</tbody>
</table>

**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</td>
<td>12½&quot;</td>
<td>8-5/8&quot;</td>
<td>23#</td>
<td>249'</td>
<td>60/40 poz</td>
<td>160</td>
<td>2% gel, 3%CC</td>
</tr>
</tbody>
</table>

**PERFORATION RECORD**

- Shots Per Foot
- Specify Footage of Each Interval Perforated

**TUBING RECORD**

- Size
- Set At
- Packer At
- Liner Run | Yes | No

**Date of First Production**

- 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.)  □ Open Hole  □ Perforation  □ Dually Completed  □ Commingled

**METHOD OF COMPLETION**

- □ Other (Specify)
THANK YOU

Cement Dept.

TOTAL

$ 1,284.88
$ 380.50
$ 1,665.38
$ 1,000.00
$ 48,000.00
$ 360,000.00
$ 237,600.00
$ 148,250.00

1,000.15
865.10

5.5 = 743.50

71,000
48,000
360,000
237,600
148,250

5.5 = 743.50

CH: 5 slk $520.00
POZ: 66 slk $92,250.00
COM: 99 slk $93,000.00

From Confidential

Date: March 27, 1990
Purchase Order No. 43941

Allied Ceiling Company, Inc.
Russel, Kansas 67665
P.O. Box 31
<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common 120 skts @ $5.00</td>
<td>380</td>
<td>30.00</td>
<td>11400</td>
</tr>
<tr>
<td>Pozmix 80 skts @ $2.25</td>
<td>48.00</td>
<td>30.00</td>
<td>1440</td>
</tr>
<tr>
<td>Mtp @ 30.00</td>
<td>30.00</td>
<td>30.00</td>
<td>900</td>
</tr>
<tr>
<td>Plugging M @ $1.00</td>
<td>90</td>
<td>40.00</td>
<td>3600</td>
</tr>
<tr>
<td>I Ppb $1.00</td>
<td>300</td>
<td>40.00</td>
<td>12000</td>
</tr>
<tr>
<td>Mileage (40) @ $0.03 per sk</td>
<td>10.00</td>
<td>0.03</td>
<td>0.30</td>
</tr>
<tr>
<td>25 skts. @ 2050</td>
<td>25.00</td>
<td>2050.00</td>
<td>51250</td>
</tr>
<tr>
<td>100 skts. @ 1300</td>
<td>100.00</td>
<td>1300.00</td>
<td>130000</td>
</tr>
<tr>
<td>15 skts. in R. H.</td>
<td>15.00</td>
<td>10.00</td>
<td>150</td>
</tr>
<tr>
<td>10 skts. in M. H.</td>
<td>10.00</td>
<td>5.00</td>
<td>50</td>
</tr>
<tr>
<td>10 skts. in T. H.</td>
<td>10.00</td>
<td>5.00</td>
<td>50</td>
</tr>
<tr>
<td>Handling 200 skts @ $0.90</td>
<td>200.00</td>
<td>0.90</td>
<td>180.00</td>
</tr>
<tr>
<td>Cell 7 skts @ $6.75</td>
<td>7.00</td>
<td>6.75</td>
<td>47.25</td>
</tr>
<tr>
<td>Froeseal 50 @ $6.00</td>
<td>50.00</td>
<td>6.00</td>
<td>300</td>
</tr>
</tbody>
</table>

Total: $600.00

Date: March 29, 1990

Purchase Order No.: 767001

Received: Aug 15, 1990

State Corporation Commission
Conservation Division
Topeka, Kansas

From Confidential