Oil 
SWD 
SIOW 
Temp. Abd.
Gas 
ENHR 
SIGW
Dry 
Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:

Original Comp. Date: ___________ Original Total Depth: ___________
Deepening Re-perf. Conv. to Enhr./SWD
Plug Back Plug Back Total Depth
Commingled Docket No.
Dual Completion Docket No.
Other (SWD or Enhr.? ) Docket No.

4/15/02  4/22/02  4/23/02
Spud Date or Recompletion Date Date Reached TD Recompletion Date

Chloride content 3200 ppm Fluid Volume 1300 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite:
Operator Name:

Lease Name: ____________________ License 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 823-310, 823-106 and 823-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with this form (see rule 823-107 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: Robert A. Miller
Title: Geologist Date: 5/6/02

Subscribed and sworn to before me this 4th day of May 2002

Notary Public: Karen Hopper

KCC Office Use ONLY

Letter of Confidentiality Attached
If Denied, Yes Date:

Wireline Log Received
Geologist Report Received
UIC Distribution

Date Commission Expires: 10/27/03
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:

Radiation Guard Log

<table>
<thead>
<tr>
<th>CASING RECORD</th>
<th>Used</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose of String</td>
<td>Size Hole Drilled</td>
<td>Size Casing Set (In O.D.)</td>
</tr>
<tr>
<td>Surface</td>
<td>12 1/4&quot;</td>
<td>8 5/8&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDITIONAL CEMENTING / SQUEEZE RECORD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purpose:</td>
</tr>
<tr>
<td>Perforate</td>
</tr>
<tr>
<td>Protect Casing</td>
</tr>
<tr>
<td>Plug Back TD</td>
</tr>
<tr>
<td>Plug Off Zone</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated</th>
<th>Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TUBING RECORD</th>
<th>Size</th>
<th>Set At</th>
<th>Packer At</th>
<th>Liner Run</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date of First, Resumed Production, SWD or Enhr.</th>
<th>Producing Method</th>
<th>Flowing</th>
<th>Pumping</th>
<th>Gas Lift</th>
<th>Other (Explain)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Estimated Production Per 24 Hours</th>
<th>Oil Bbls.</th>
<th>Gas Mcf</th>
<th>Water Bbls.</th>
<th>Gas-Oil Ratio</th>
<th>Gravity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Disposition of Gas</th>
<th>METHOD OF COMPLETION</th>
<th>Production Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Vented</td>
<td>☑ Sold</td>
<td>☐ Open Hole</td>
</tr>
<tr>
<td>☐ Used on Lease (If vented, Summit ACO-1E)</td>
<td>☑ Dually Comp.</td>
<td>☐ Other (Specify)</td>
</tr>
</tbody>
</table>

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all log data and 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.
#1 R.E.T.
160' W C NW SE
Section 10-6S-22W
Graham County, Kansas
API# 15-065-22827
Murfin Drilling Co.'s rig #8
Field: Chris Peters
Office: Rocky Milford
Elevation: 2256' GL; 2261’ KB

Log Tops
Anhydrite 1931' (+330)
B/Anhydrite 1961' (+300)
Topeka 3279' (-1018)
King Hill 3358' (-1097)
Heebner 3463' (-1202)
Toronto 3489' (-1228)
Lansing 3505' (-1244)
B/KC 3693' (-1432)
Arbuckle 3765' (-1504)
LTD 3821' (-1560)

DRILLING REPORT

4/18/02 DST #1 3412' to 3449' (Oread A & B zones)
Recovered 80’ of muddy water with spots of oil (40% mud, 60% water); 60’ of muddy water with spots of oil (15% mud, 85% water). 140’ of total fluid
IFP: 14–70#/45” ISIP: 979#/45”
FFP: 71-88#/45” FSIP: 959#/45”

4/19/02: DST #2 3460 – 3500’ (Toronto)
Recovered 120’ of muddy water with spots of oil (15% mud, 85% water); 1610’ of water. 1730’ of total fluid

P.O. Box 783188  
Wichita, Kansas 67278-3188

(316) 691-9500  
Fax (316) 691-9550
re@ritchie-exp.com

8100 E. 22nd St. N., Bldg. 700  
Wichita, Kansas 67226-2328
DST #3  3497 – 3519’ (L/KC “A” zone)
Recovered 65’ of slightly oil cut muddy water (2% oil, 30% mud, 68% water)

IFP:  13-33#/30”  ISIP:  993#/30”
FFP:  38-52#/30”  FSIP:  979#/30”

4/20/02:  DST #4  3525 – 3561’ (L/KC “C” & “D” zones)
Recovered 100’ of muddy water with spots of oil (10% mud, 90% water); 375’ of water.  475’ of total fluid

IFP:  17-146#/45”  ISIP:  1069#/45”
FFP:  148-235#/45”  FSIP:  1048#/45”

4/21/02:  DST #5  3606 – 3649’ (L/KC “H” & “I” zones)
Recovered 5’ of mud

IFP:  14-17#/30”  ISIP:  564#/30”
FFP:  17-19#/30”  FSIP:  441#/30”

DST #6  3647 – 3666’ (L/KC “J” zone)
Recovered 60’ of gas in pipe, 20’ of clean oil, 140’ of slightly oil cut muddy water (4% oil, 20% mud, 76% water); 60’ of slightly oil cut muddy water (1% oil, 10% mud, 89% water); 300’ of water with a scum of oil throughout.  520’ of total fluid (5% oil, 7% mud, 88% water)

IFP:  34-155#/30”  ISIP:  432#/45”
FFP:  165-260#/30”  FSIP:  428#/45”

4/22/02:  DST #7  3668 – 3699’ (L/KC “K” & “L” zones)
Recovered 20’ of clean oil; 5’ of heavy oil cut mud (25% oil, 75% mud).  25’ of total fluid

IFP:  11-20#/30”  ISIP:  68#/30”
FFP:  22-34#/30”  FSIP:  701#/30” *
*Sharp pressure buildup started after 15” into FSIP.

DST #8  3692 – 3773’ (conglomerate sand & Arbuckle zone)
Recovered 10’ of mud with a good show of oil on top of tool

IFP:  44-51#/30”  ISIP:  626#/30”
FFP:  52-55#/30”  FSIP:  412#/30”
ORIGINAL

ALLIED CEMENTING CO., INC.

REM TO: P.O. BOX 31
RUSSELL, KANSAS 67665

CONFIDENTIAL

JUN 10 2001

SERVICE POINT: Oakley

DATE: 6-23-02

SEC.: 10

TWP: 22

RANGE: 3

CALL #: 

LOCATION: Hill City, KS

LEASING R.E.T: 1

COUNTY: Graham

STATE: KS

OLD OR NEW (Circle one)

CONTRACTOR: Martin Drill Rig 8

OWNER: Semex

TYPE OF JOB: 

CEMENT: 

AMOUNT ORDERED

200 sfs, 60/40 2% Gel 4% Pla, 3% Oil

COMMON: 120 sfs @ 7.85 942.00

POZMIX: 80 sfs @ 3.55 284.00

GEL: 10 sfs @ 10.00 100.00

CHLORIDE: 

0.0 Sec 50 s @ 1.40 70.00

HANDLING: 211 sfs @ 1.10 232.10

MILEAGE: 494 pm / sk / mile 46.42 22.0

RECEIVED

JUN 11 2001

TOTAL 2092.30

KCC WICHITA SERVICE

REMARKS:

- 197 Plug 1950 w 25 sfs
- 20 Plug 1150 w 100 sfs
- 156 Plug 300 w 70 sfs
- 15 sfs Rat Hole
- 10 sfs Mouse Hole

- DEPTH OF JOB
- 1950'

- EXTRA FOOTAGE
- 0.00

- MILEAGE
- 0.00

- PLUG
- 0.00

- TOTAL 818.00

FLOAT EQUIPMENT

- DEPTH OF JOB
- 1950'

- EXTRA FOOTAGE
- 0.00

- MILEAGE
- 0.00

- PLUG
- 0.00

- TOTAL

- TAX
- 0.00

- TOTAL CHARGE
- 818.00

- DISCOUNT
- 0.00

- IF PAID IN 30 DAYS

- LOUIS McKEEN

PRINTED NAME

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: Louis McKeen
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.

**REMARKS:**

- Rent 8 hrs $500 & 125' C35'
- Cost @ 16 mph Conv 32 v
- Pump plus 4125 bbls water
- Cont. did circ.

**SERVICE**

- DEPTH OF JOB
- PUMP TRUCK CHARGE $520
- EXTRA FOOTAGE $30
- MILEAGE $150
- PLUG 1-850 Wood $30

**TOTAL** $730

**FLOAT EQUIPMENT**

- @
- @
- @
- @

**TOTAL**

**TAX**

**TOTAL CHARGE**

**DISCOUNT**

**IF PAID IN 30 DAYS**

**SIGNATURE**

**PRINTED NAME**
June 10, 2002

CONFIDENTIAL

State Corporation Commission
Conservation Division
130 S. Market, Room 2078
Wichita, KS 67202

RE: #1 R.E.T.
Approx. 160’ W C NW SE
Sec. 10-6S-22W
Graham County, Kansas

To Whom It May Concern:

Enclosed please find the Well Plugging Record (CP-4) and the ACO-1 for the above referenced well. The required logs, DST reports, and cementing tickets have also been enclosed. Ritchie Exploration, Inc. requests the ACO-1 form on this well be held confidential for a one (1) year period.

Thank you.

Sincerely,

Karen Hopper
Production Assistant

Enclosures

kh