API No. 15-065-22,757 on 06-22-92

County: GRAHAM

Operator: License # 4197
Name: Dunne Oil Co.
Address: 100 S. Main, #410
City/State/Zip: Wichita, KS 67202
Purchaser: KOCH

Operator Contact Person: Stephen W. Dunne
Phone: (316) 267-3448
Contractor: Name Murfin Drilling Co. Inc.
License: 6033

Wellsite Geologist: Patrick Deenihan

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

X Oil __________ SIOW _______ Temp. Abd.
____ Gas __________ ENHR _______ SIOW
____ Dry _____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:
Operator Name: ____________________________
Well Name: ________________________________
Comp. Date _______ Old Total Depth __________

____ Deepening ___ Re-perf. ___ Conv. to Inj/SIOW
____ Plug Back ___ PBD
____ Commingled ___ Docket No. ______
____ Dual Completion ___ Docket No. ______
____ Other (SIOW or Inj) Docket No. ______

07/01/95 07/09/95 08/21/95

Spud Date 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 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 ________________________________
Title _____________________________________
Date 9-2-96

Subscribed and sworn to before me this 20 day of September 1995
Notary Public _____________________________
Date Commission Expires 9-2-96

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
G Geologist Report Received

Distribution
KCC SUD/Rep NGPA Other
KGS Plug

Form ACO-1 (7-91)
Operator Name: Dunne Oil Co.  Lease Name: Cummings  Well #: 3-31
Sec. 31 Twp. 7S Rge. 24  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  Yes  No
(Attach Additional Sheets.)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No
(Submit Copy.)

List All Logs Run: Dual Induction, Compensated Density/Neutron

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**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 12-3/4&quot;</td>
<td>8-5/8&quot;</td>
<td>20# NEW</td>
<td>283'</td>
<td>60/40poz</td>
<td>175</td>
<td>3%cc/8%gel</td>
<td></td>
</tr>
<tr>
<td>Production 7-7/8&quot;</td>
<td>4-1/2&quot;</td>
<td>10.5# used 4023</td>
<td></td>
<td>ASC sx</td>
<td>125</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

- Perforate
- Protect Casing
- Plug Back TD
- Plug Off Zone

<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>Surface</td>
<td>650' 60/40</td>
<td>225</td>
<td>3%gel/10sx gel</td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATION RECORD - Bridge Plugs Set/Type**

- Specify footage of each interval perforated

<table>
<thead>
<tr>
<th>Shots Per Foot</th>
<th>Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>3941-3944</td>
<td>250 gals 15% Mud acid</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1500 gals 15% NE</td>
<td></td>
</tr>
</tbody>
</table>

**TUBING RECORD**

- Size 2-3/8"
- Set At 3967
- Packer At
- Liner Run  Yes  No

**DATE OF FIRST, RESUMED PRODUCTION, SWD OR INJ.**

08/18/95

**Producing Method**

- Flowing
- Pumping
- Gas Lift
- Other (Explain)

**Estimated Production**

- Per 24 Hours
- Oil: 75 Bbls.
- Gas: None
- Mcf: None
- Water: None
- Gas-Oil Ratio: None
- Gravity: 40

**Disposal of Gas:**

- Method of Completion: Production Interval
  - Vented
  - Sold
  - Used on Lease (If vented, submit ACO-18.)
  - Open Hole
  - Perf.
  - Dually Comp.
  - Comminged 3941'-3944'
  - Other (Specify)
#3-31 CUMMING
180' S NW SW NW
Sec. 31-7S-24W
GRAHAM COUNTY, KS

DST #1: 3785-3810, Lansing B Zone, 30-45-30-60
RECOVERED: 20' Oil, 20 WCO (90% Oil, 10% Water), 180' OCMW (20% Oil, 20% Mud, 60% Water)
270' OCW (35% Oil, 65% Water), 1540' Oil Spotted Water.

DST #2: 3810-3825, Lansing C, 30-30-20-NT
RECOVERED: 10' Mud w/oil spots

DST #3: 3846 - 3854, Lansing G Zone, 30-45-30-60
RECOVERED: 800' Water, CHL 49,000
SIP: 1102-1092, IFP: 78-244, FFP: 312-351, HH: 1809-1809. BHT 118

DST #4: 3879 - 3900, Lansing H Zone, 30-45-45-60
RECOVERED: 330' Gassy Oil, 90' MCWO (30% Oil, 40% Gas, 10% Mud, 20% Mud), 90' GOCWM,
(25% Oil, 5% Gas, 30% Water, 40% M) CHL 14,000
SIP: 750-712, IFP: 97-117, FFP: 175-185, HH: 1858-1858. BHT 119

DST #5: 3921-3854, Lansing I Zone, 30-30-60-60
RECOVERED: 2' Oil, 45' MCO (50% Oil, 50% Mud) CHL 49,000

DST #6: , Lansing K Zone, 30-30
RECOVERED: 10' Mud w/Oil Spots,
SIP 218-NA, IFP:48-48 , FFP NA: , HH:1877-NA. BHT 118
**Allied Cementing Co., Inc.**

**Date:** 8-9-95  
**Loc:** Merland 3N-1/8E-4S  
**State:** Kansas  
**Owner:** Same  
**Cement:**  
**Amount Ordered:** 500 sks @ $46.40, 10% Le.  
**Flu-Salt:**  
**Common:** 300 sks @ 8.50  
**Pozmix:** 200 sks @ 3.75  
**Gel:** 43 sks @ 9.50  
**Chloride:** @ 115  
**Handling:** 500 sks @ 1.50  
**Mileage:** 4¢ per sk/mile  
**Total:** 4777.25  

---

**Remarks:**  
Test Casing 2 1500 psi, Held  
Opent Tool, Tool rate: 3 Blm 2 800 psi  
Slight Blow on Annular, Mixed  
800 sks Cement, Displaced 8 Blm Water  
plug  
Cement Drilled past Cire  

---

**Service:**  
**Depth of Job:** 2200'  
**Pump Truck Charge:** 550.00  
**Extra Footage:** @ 2.30  
**Mileage:** 62 miles @ 145.70  
**Total:** 695.70  

---

**Equipment:**  
**Pump Truck #191:**  
**Cementer:** Walt  
**Helper:** Terry  
**Bulk Truck #303:**  
**Driver:** Dean  

---

**Charge To:** Dunne Oil Co.  
**Street:** 400 S Main  
**City:** Wichita  
**State:** Kansas  
**Zip:** 67202
**ALLIED CEMENTING CO., INC.**

**New Well**

**Date:** 08-11-95  
**Sec.:** 31  
**Gwp.:** 7s  
**Range:** 24  
**Called Out:** 14:00  
**On Location:** 7:30AM  
**Job Start:** 8:30AM  
**Finish:** 10:45AM

**Contractor:** Mike Dugg Co

**Type Job:** Cement Back Step/Cement Circulated

**Owner:** Dunn Oil Co

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:** Dunn Oil Co

**Street:** 1005 Main St. # 410

**City:** Wichita  
**State:** Kansas  
**Zip:** 67202

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

**Purchase Order No.:** X Earl Evens

**CEMENT**

**Amount Ordered:** 225 sac. 60/40/40. 10w/6%.

**Consisting of**

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Total Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common</td>
<td>120</td>
<td>82.35</td>
<td>10,080.00</td>
</tr>
<tr>
<td>Poz. Mix</td>
<td>90.44</td>
<td>39.55</td>
<td>3,559.90</td>
</tr>
<tr>
<td>Gel</td>
<td>34.64</td>
<td>41.50</td>
<td>1,427.60</td>
</tr>
<tr>
<td>Chloride</td>
<td>2%</td>
<td>20.00</td>
<td>400.00</td>
</tr>
<tr>
<td>Quickset</td>
<td>4%</td>
<td>19.00</td>
<td>760.00</td>
</tr>
</tbody>
</table>

**Sales Tax:**

- **Handling:** 225 04 1.05 2,362.50
- **Mileage:** 225 04 61 549.00

**Sub Total:** 21,357.50

**Floppy Equipment:**

- **Pump Truck:** 16
  - **Sub Total:** 588.50
- **Sub Total:** 143.35

**Remarks:**

- 910 sac. 60/40/40. 10w/6%.
- Dunn Oil Co. - Baker Oil Tools
- Cements are: 225 sac. 60/40/40.
- **Cement Circulated:**

**See Job Log**
### Allied Cementing Co., Inc.

**Date:** 7-1-95  
**Sec:** 31  
**Twp:** 7  
**Range:** 24  
**Called Out:**  
**On Location:**  
**Job Start:**  
**Finish:** 6:15 PM  
**Owner:** Same  

**Lease:** Cummings  
**Well No:** 5-31  
**Location:** Mooreland 3N 1/2 4S  
**County:** Graham  
**State:** KS

**Contractor:** Martin Dug Rig 28  
**Type Job:** Surface  

**Hole Size:** 12 1/4  
**T.D.:** 263  
**Cag:** 8 1/4  
**Depth:** 278  
**Tbg. Size:**  
**Depth:**  
**Drill Pipe:**  
**Depth:**  
**Tool:**  
**Depth:**  
**Cement Left in Cag:** 10.15  
**Shoe Joint:**  
**Press Max.:** Minimum  
**Mess Line:** 20#  
**Displace:** 17 3/8  

**Perf.:**  

---

**EQUIPMENT**

<table>
<thead>
<tr>
<th>No. Pumptrk</th>
<th>No. Pumptrk</th>
<th>Bulktrk</th>
<th>Bulktrk</th>
<th>103</th>
<th>160</th>
<th>Driver</th>
<th>Jaan</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Cementer</td>
<td>No. Helper</td>
<td>Driver</td>
<td>Driver</td>
<td>Dave Mark</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DEPTH of Job**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Pump Artig</th>
<th>2.25 Per Mile</th>
<th>Sub Total</th>
<th>Tax Total</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>445 sq.</td>
<td>435 sq.</td>
<td>45 sq.</td>
<td>632 35</td>
<td></td>
<td>Cement Co.</td>
</tr>
</tbody>
</table>

---

**Charge To:** Drum Oil Co  
**Street:** 100 S Minn  
**City:** Wichita  
**State:** Kansas  
**Purchase Order No.:** X Benad Meya  

---

**CEMENT**

**Amount Ordered:** 175 40 3% CCS 2% gel  
**Consisting of:**

<table>
<thead>
<tr>
<th>Common</th>
<th>105 60</th>
<th>600 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poz Mix</td>
<td>70 70 3 1/2 220 00</td>
<td></td>
</tr>
<tr>
<td>Gel</td>
<td>80 9 50 28 00</td>
<td></td>
</tr>
<tr>
<td>Chloride</td>
<td>50 2 80 140 80</td>
<td></td>
</tr>
<tr>
<td>Quickset</td>
<td>Sales Tax</td>
<td></td>
</tr>
</tbody>
</table>

**Handling:** 105 60  
**Mileage:** 44 52 50 427 1  
**Sub Total:**  
**Total:** 160 21  

---

**Floating Equipment**

**Received:**

**KANSAS CORPORATION COMMISSION**

**CONSERVATION DIVISION WICHITA, KS**

**SEP 20 1995**
### 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>7-10-95</td>
<td>31</td>
<td>7</td>
<td>29</td>
<td>10:30 AM</td>
<td></td>
<td>7:00 AM</td>
<td></td>
</tr>
</tbody>
</table>

**Lease:** Cummings
**Well No.:** 3-31
**Location:** Maryland St, Atwood, KS

**Contractor:** Martin Dril B/8
**Type Job:** Production String

- **Hole Size:** 7 1/8
- **T.D.:** 4200
- **Cst.:** 44
- **Tubing:** Depth
- **Drill Pipe:** Depth
- **Equipment:** Baker
- **Cement Used:** Shoe Joint
- **Press Max.:** Minimum
- **Meas Line:** 1050 ft

**Owner:** 45

---

**EQUIPMENT**

<table>
<thead>
<tr>
<th>Pumtrak</th>
<th>No.</th>
<th>Cementer</th>
<th>Helper</th>
<th>Driver</th>
</tr>
</thead>
<tbody>
<tr>
<td>153</td>
<td></td>
<td>Dave</td>
<td>Mark</td>
<td>Dean</td>
</tr>
</tbody>
</table>

**Pumtrak:** 153
**Number:** 153
**Cementer:** Dave
**Helper:** Mark
**Driver:** Dean

**Balktrak:** 210
**Balktrak:** Driver

---

**DEPTH of JOB**

- **Reference:** Pump 1/4 hr
  - 27 ft per gallon
  - 42 ft. Rubber plug

**Sub Total:** 124 35

**Remarks:**

- Craft on 16, 24, 42, 58, 84
- Basket on 49 & 52
- Port Celler on 51
- Plug: Salt hole 10th
- Flood note

---

**Price:**

- **Mileage:** 4.5 $/Mile
  - **Sales Tax:**
  - **Handling:** 1200 @
  - **Sub Total:** 2430 9
  - Floating Equipment
    - 42
    - 24 sketches @ 250 ea
    - Guide shop
    - 1,600 @
    - 2 Centriflume @ 520 @
    - 2 Baskets @ 118 @
    - Sub Total: 1680

**Total:** $3102