STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACD-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

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

Purchaser: KOCH

Operator Contact Person: Stephen W. Dunne
Phone (316) 267-3448

Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Micheal Dixon

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

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: ____________________
Comp. Date _______ Old Total Depth _____

Deepening ___ Re-perf. ____ Conv. to Inj/SWD
Plug Back ___ PBDT
Commingle ___ Docket No. _______
Dual Completion ___ Docket No. _______
Other (SWD or Inj?) Docket No. _______

08/10/92 ___ 08/16/92 ___ 08/27/92
Spud Date ___ Date Reached TD ___ Completion Date ___

API NO. 15-15-065-22,685-00-00
County GRAHAM
150'W C E/2 NW ___ Sec. 31 Twp. 7S Rge. 24 E

3960' Feet NE(circle one) of Section Line
3450' Feet NW (circle one) of Section Line

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

Lease Name CUMMINGS
Well # 2-31
Field Name Dripping Springs NE
Producing Formation Lansing "J"

Elevation: Ground 2397 KB 2402
Total Depth 3952 PBDT
Amount of Surface Pipe Set and Cemented at 242 Feet

Multiple Stage Cementing Collar Used? X Yes _____ No

If yes, show depth set 2143 Feet
If Alternate II completion, cement circulated from 2143 Feet
down to Surface w/ 125 fps cement

Drilling Fluid Management Plan Attach 2 DCT 10-10-92
(Data must be collected from the Reserve Pit)

Chloride content 2000 ppm Fluid volume 1,050 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name ________________________
Lease Name __________________________
Quarter Sec. Twp. ___ S Rng. ___ E/W
County _______________________________

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 82-3-105, 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 correct and to the best of my knowledge.

Signature ____________________________
Title ________________________________
Date 9/22/92

Subscribed and sworn to before me this 22nd day of December, 1992.
Notary Public ______________________
Date Commission Expires Aug. 5, 1995

JILL BOLIVER
NOTARY PUBLIC
STATE OF KANSAS
My Appl. Exp. 89745

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

RECEIVED
SVD/Rep Plung Other
SEP 23 1992

Distribution
SEP 23 1992

STATE CORPORATION COMMISSION
Wichita, Kansas
Drill Stem Tests Taken
(Attach Additional Sheets.)
- Yes □ No □
- Log Formation (Top), Depth and Datums □ Sample
- Name Anhydrite 2098 □
- Top +304
- HEEBENER 3652 □
- Lansing 3692 □
- STARK SHALE 3863 □
- BKC 3904 □
- Datum -1250 □
- -1290 □
- -1461 □
- -1502 □

List All E.Logs Run:
Dual Induction, Compensated Density Neutron, SP

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 D.O.)</th>
<th>Weight lbs./Pt.</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>12-3/4</td>
<td>8-5/8ths</td>
<td>20#</td>
<td>242'</td>
<td>60/40 poz</td>
<td>165</td>
<td>2%gel, 3%cc</td>
</tr>
<tr>
<td>Production</td>
<td>7-1/2</td>
<td>4-1/2</td>
<td>10.5#</td>
<td>3950.96</td>
<td>BJ Surefill</td>
<td>125</td>
<td></td>
</tr>
</tbody>
</table>

ADDITIONAL CEMENTING/SQUEEZE RECORD

Perforate
- Protect Casing
- Plug Off Zone

Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3852-3858</td>
<td>250gals Mud Acid, 1,500 gals</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15% NE</td>
</tr>
</tbody>
</table>

TUBING RECORD

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

Date of First, Resumed Production, SWD or Inj. 08/28/92

Producing Method □ Flowing □ Pumping □ Gas Lift □ Other (Explain)

Estimated Production Per 24 Hours

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 ____________________________
DST's

#2-31 CUMMING
150' W E/2 NW
Sec. 31-7S-24W
GRAHAM COUNTY, KS

DST #1: 3708-3728, Lansing "B" Zone, 30-45-30-60
RECOVERED: 2,130' Salt water w/scum oil.
IFP 178-670, FFP 804-903, ISIP 1164, FSIP 1210.

DST #2: 3737-3765, Lansing "F" Zone, 30-45-60-60
RECOVERED: 435' Salt Water w/Scum of oil. Chl. 44,000
IFP 62-178, FFP 223-312, ISIP 1300, FSIP 1300.

DST #3: 3830-3865, Lansing "J" Zone, 30-45-60-60
RECOVERED: 945' GIP, 285' CGO, 150' Mdy Oil (62% Oil, 38% Mud)
IFP 116-133, FFP 151-178, ISIP 375, FSIP 357.
**CEMENTING LOG**

**STAGE NO.**

**CEMENT DATA:**
- **Spacer Type:**
- **Amt.**
- **Ska Yield**
- ft³/sk Density
- **PPG**

**LEAD:**
- **Pump Time**
- hrs.
- **Type**
- **Excess**
- **Amt.**
- **Ska Yld**
- ft³/sk Density
- **PPG**
- **Tail:**
- **Pump Time**
- hrs.
- **Type**
- **Excess**
- **Amt.**
- **Ska Yld**
- ft³/sk Density
- **PPG**

**WATER:**
- **Lead**
- gals/sk Tail
- gals/sk Total
- **Bbls.**

**Pump Trucks Used:**
- **46029 - Carl**
- **2030 - Joe**

**Bulk Equip.:**
- **30 - Joe**

**COMPANY REPRESENTATIVE:**

John Gessner

**CEMENTER:**

Bill Rieckam

<table>
<thead>
<tr>
<th>TIME</th>
<th>PRESSURES PSI</th>
<th>FLUID PUMPED DATA</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM/PM</td>
<td>DRILL PIPE CASING</td>
<td>ANNULUS</td>
<td>TOTAL FLUID</td>
</tr>
<tr>
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**REMARKS:**

- **Post Collar @ 2147:**
  - Test 1000 psi before open tool
  - Establish circulation

- **Cement @ 350 gals. Live @ 1.6 gals.**

- **Displace 756 gals. Close Tool.**

- **Press to 1000 psi Run 5-1/2.**

- **Wash clean Repress @ 1000.**

- **PSI for 5 minutes, pull tubing.**

- **Circulate open 40-1/2 in. per.**

- **Job Completed at 10:35 AM.**

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** RECEIVED**

STATE CORPORATION COMMISSION
SEP 23, 1992
WPD 2-2-1992
Thurman COFFIN, Jr. (Oilman, Kansas)

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**FINAL DISP. PRESS:**

- **PSI BUMP PLUG TO:**
- **PSI BLEEDBACK**
- **BBL.**
- **THANK YOU**

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**NOTE:** These logs are for informational purposes only and are not intended for legal or professional use.