

ORIGINAL

FORM MUST BE TYPED

SIDE ONE

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

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

Purchaser: \_\_\_\_\_  
Operator Contact Person: Stephen W. Dunne  
Phone (316) 267-3448  
Contractor: Name: L. D. DRILLING, INC.  
License: 6039  
Wellsite Geologist: Scott Oatsdean

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOV  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  PSTD  
 Commingled Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SWD or Inj?) Docket No. \_\_\_\_\_  
5-14-93 5-25-93  
Spud Date Date Reached TD Completion Date

APT NO. 15- 101-21,642 -00-00  
County LANE  
NE SE NW Sec. 15 Twp. 16S Rge. 27 X W

3630 Feet from S (circle one) Line of Section  
2970 Feet from E (circle one) Line of Section

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

Lease Name BROUGHTON Well # 1-15  
Field Name Broughton

Producing Formation LANSING  
Elevation: Ground 2613' KS 2618'  
Total Depth 4549' PSTD \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 226' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2,000 Feet

If Alternate II completion, cement circulated from 2,000  
feet depth to Surface w/ 350 sx cat.

Drilling Fluid Management Plan ALT 2 8-23-93  
(Data must be collected from the Reserve Pit)

Chloride content 10,000 ppm Fluid volume 2,500 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
Quarter Sec. Twp. S Rng. E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

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 (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 President Date 8/11/93  
Subscribed and sworn to before me this 11th day of August  
19 93  
Notary Public Stacie Stuerke  
Date Commission Expires 11-2-93

STACIE STUERKE  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 11-2-93

RECEIVED  
K.C.C. OFFICE USE CORPORATION COMMISSION  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
AUG 13 1993  
Distribution  
 KCC  SWD/Rep  NSPA  
 KGS  Plug  Other (Specify)

Operator Name **JANCO INC** Dunne Oil Company

Lease Name Broughton

Well # 1-15

Sec. 15 Twp. 16S Rge. 27

East  
 West

County Lane

**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<br>(Attach Additional Sheets.)                         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input checked="" type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Name                                    | Top                              | Datum                           |
| Cores Taken   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Anhydrite                               | 20252                            | +596                            |
| Electric Log Run<br>(Submit Copy.)  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Heebner                                 | 3855                             | -1237                           |
| List All E.Logs Run: Dual Induction,<br>Compensated Density, Correlation Bond |   | LANSING                                 | <del>3855</del> 3892             | -1274                           |
|   |   | STARK                                   | 4133                             | -1515                           |
|   |   | BKC                                     | 4197                             | -1579                           |
|   |   | Ft Scott                                | 4382                             | -1764                           |
|   |   | Mississippi                             | 4484                             | -1866                           |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used |                   |                           |                 |               |                |              |                            |
|---|-------------------|---------------------------|-----------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc.           |                   |                           |                 |               |                |              |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs./Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| surface   | 12 1/4"           | 8 5/8"                    | 20#             | 226'          | 60/40 Poz      | 150          | 2% Gel, 3% cc              |
| production  | 7 7/8"            | 4 1/2"                    | 10.5#           | 4550'         | lite           | 75           |                            |
|   |                   |                           |                 |               | common         | 200          | 5# gilsonite               |

| ADDITIONAL CEMENTING/SQUEEZE RECORD           |                  |                |             |                            |
|---|------------------|----------------|-------------|----------------------------|
| Purpose:                                      | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input checked="" type="checkbox"/> Perforate |                  |                |             |                            |
| <input type="checkbox"/> Protect Casing       |                  |                |             |                            |
| <input type="checkbox"/> Plug Back TD         |                  |                |             |                            |
| <input type="checkbox"/> Plug Off Zone        |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type  |          | Acid, Fracture, Shot, Cement Squeeze Record |       |
|----------------|---|----------|---|-------|
|                | Specify Footage of Each Interval Perforated |          | (Amount and Kind of Material Used)          | Depth |
| 4              | 4174-4177                                   | LKC 220' | 250 Gals 15% Mud Acid<br>1500 Gals 15% NE   |       |
| 4              | 4114-4116                                   | LKC 180' | 250 Gals 15% Mud Acid<br>750 gals 15% NE    |       |
| 4              | 4040-4042                                   | LKC 120' | 250 Gals 15% Mud Acid<br>1500 Gals 15% NE   |       |

|  |  |                |                   |  |
|--|--|----------------|-------------------|--|
| <b>TUBING RECORD</b>                           | Size<br>2-3/8"   | Set At<br>4224 | Packer At<br>N/A  | Liner Run<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or Inj. | Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |                |                   |  |
| 07/01/93                                       |  |                |                   |  |
| Estimated Production Per 24 Hours              | Oil Bbls.<br>50  | Gas Mcf        | Water Bbls.<br>50 | Gas-Oil Ratio<br>Gravity   |

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

**METHOD OF COMPLETION**  
 Open Hole  Perforated  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

#1-15 BROUGHTON  
C NE SE NW  
Sec. 15-16S-27W  
LANE COUNTY, KS

API#: 15-101-21,642 -0000

**DST #1:** 3960-3990; **70' Zone**, 30-30-30-30 Weak Blow Thruout.

**RECOVERED:** 10' mud w/oil spots

IFP 44-44, ISIP 1001, FFP 44-44, FSIP 849, HH 1985-1939

**DST #2:** 4033-4050; **120' Zone**, 30-45-45-60 off Bottom in 8 Min.

**RECOVERED:** 560' GIP, 20' Clean Gassy Oil, 50' Muddy Oil (80% oil)

IFP 71-71, ISIP 939, FFP 71-71, FSIP 939, HH 1985-1939

**DST #3:** 4070-4100; **160' Zone**, 30-45-45-60 off Bottom in 13 Min.

**RECOVERED:** 800' GIP, 35' Muddy Oil (78% oil)

IFP 62-62, ISIP 939, FFP 62-62, FSIP 1028, HH 2077-2031

**DST #4:** 4100-4130; **180' Zone**, 30-45-45-60, 10" Blow first open.

**RECOVERED:** 250' GIP, 10' Clean Gassy Oil, 40' HOCM (29% oil), 30' Muddy Water 60,000 ppm

IFP 44-44, ISIP 1092, FFP 44-44, FSIP 1028, HH 2070-2031

**DST #5:** 4130-4160; **200' Zone**, 30-45-45-60, 2" Blow first open.

**RECOVERED:** 180' GIP, 15' Oil Specked Mud.

IFP 44-44, ISIP 178, FFP 62-62, FSIP 267, HH 2123-2077

**DST #6:** 4160-4190; **220' Zone**, 30-45-45-60, Off Bottom in 2 Minutes first open.

**RECOVERED:** 3,440' GIP, 30' Muddy Oil, 235' Clean Gassy Oil, 5' Muddy Salt Water

IFP 62-89, ISIP 983, FFP 116-142, FSIP 983, HH 2123-2077

**DST #7:** 4365-4420; **FORT SCOTT**, 30-45-45-60, 6" Blow first open, Off Bottom Second Open

**RECOVERED:** 180' GIP, 30' Oil Specked Mud

IFP 62-62, ISIP 223, FFP 62-62, FSIP 267, HH 2261-2215

RECEIVED  
STATE CORPORATION COMMISSION

AUG 13 1993

15-101-21642-00-00 ORIGINAL

DRILLER'S WELL LOG

COMMENCED: 5-14-93  
COMPLETED: 5-25-93

0 - 226 Surface  
.226 - 2000 Sand & shales  
2000 - 2315 Shale & lime  
2315 - 4100 Lime & Shale  
4100 - 4549 Lime  
4549 RTD

DUNNE OIL COMPANY  
BROUGHTON #1-15  
NE SE NW Sec. 15-T16S-R27W  
LANE COUNTY, KANSAS

ELEVATION: 2613 GR 2618 KB

FORMATION DATA: (sample)

|                  |               |
|------------------|---------------|
| Anhydrite        | 2025' (+593)  |
| Queen Hill Shale | 3722' (-1104) |
| Heebner          | 3854' (-1236) |
| Lansing          | 3889' (-1271) |
| Stark            | 4133' (-1515) |
| BKC              | 4197' (-1579) |
| Fort Scott       | 4383' (-1765) |
| Mississippi      | 4484' (-1866) |
| RTD              | 4549' (-1913) |

CASING:

8 5/8" set @ 226' W/150 sx. 60/40 Poz  
4 1/2" set @ 4550' W/500 gal mud sweep,  
75 sx. lite, 200 sx. common W/5#gil.

A F F I D A V I T

STATE OF KANSAS )  
COUNTY OF BARTON )<sup>SS</sup>

L. D. DAVIS of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

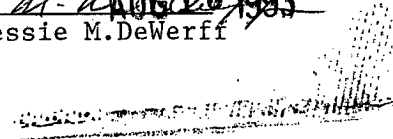
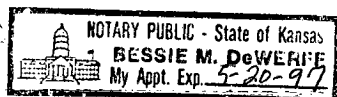
L. D. Davis

Subscribed and sworn to before me this 28th day of May, 1993

RECEIVED  
STATE CORPORATION COMMISSION

Notary Public: Bessie M. DeWerff

My Commission expires: 5-20-97



Phone 913-432-2627, Russell, Kansas  
 Phone 316-758-5861, Great Bend, Kansas

ORIGINAL

Phone Plainville 913-434-2812  
 Phone Ness City 913-798-3843

**ALLIED CEMENTING CO., INC.**

No 3150

Home Office P. O. Box 31

Russell, Kansas 67665

*New*

|                     |                     |          |       |          |              |        |      |            |         |             |          |           |      |        |      |
|---------------------|---------------------|----------|-------|----------|--------------|--------|------|------------|---------|-------------|----------|-----------|------|--------|------|
| Date                | 6 15 93             | Sec.     | 15    | Twp.     | 16           | Range  | 27   | Called Out | 6:30 AM | On Location | 10:45 AM | Job Start | 2 PM | Finish | 4 PM |
| Lease               | Broughton           | Well No. | 1-15  | Location | Union Twp-2N | County | Lane | State      | Ks      |             |          |           |      |        |      |
| Contractor          | Plains Well Service |          |       |          |              |        |      |            |         |             |          |           |      |        |      |
| Type Job            | Port Collar         |          |       |          |              |        |      |            |         |             |          |           |      |        |      |
| Hole Size           | 7 7/8               | T.D.     |       |          |              |        |      |            |         |             |          |           |      |        |      |
| Csg.                | 4 1/2               | Depth    |       |          |              |        |      |            |         |             |          |           |      |        |      |
| Tbg. Size           | 2 1/2               | Depth    |       |          |              |        |      |            |         |             |          |           |      |        |      |
| Drill Pipe          | Bridge Plug         | Depth    | 2220  |          |              |        |      |            |         |             |          |           |      |        |      |
| Tool (Baker)        | Port collar         | Depth    | 2000' |          |              |        |      |            |         |             |          |           |      |        |      |
| Cement Left in Csg. | Shoe Joint          |          |       |          |              |        |      |            |         |             |          |           |      |        |      |
| Press Max.          | 1000                | Minimum  |       |          |              |        |      |            |         |             |          |           |      |        |      |
| Meas Line           | Displace 7          |          |       |          |              |        |      |            |         |             |          |           |      |        |      |
| Perf.               | 2000'               |          |       |          |              |        |      |            |         |             |          |           |      |        |      |

**EQUIPMENT**

|             |          |            |              |
|-------------|----------|------------|--------------|
| No.         | Cementer | <i>Ben</i> | <i>Don</i>   |
| Pumptrk 195 | Helper   |            | <i>Kent</i>  |
| No.         | Cementer |            |              |
| Pumptrk     | Helper   |            |              |
|             | Driver   |            |              |
| Bulktrk 199 |          |            | <i>Baker</i> |
| Bulktrk     | Driver   |            |              |

**DEPTH of Job**

|            |                      |               |
|------------|----------------------|---------------|
| Reference: | <i>stripped head</i> | 75.00         |
|            | <i>ump truck</i>     | 575.00        |
|            | <i>30 mileage</i>    | 67.50         |
|            | <b>Total</b>         | <b>717.50</b> |

Remarks: *(Cement did Circ) Press 1000#*  
*Spot 2 road*

*Allied Cementing*  
*Ben Shaffer*

Owner *Same*  
 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 *Dunne Oil Company*  
 Street *100 S. Main Suite #410*  
 City *Wichita* State *Ks.* 67202  
 The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.  
 X *Earl Emor*

**CEMENT**

|                |                                   |             |                      |
|----------------|-----------------------------------|-------------|----------------------|
| Amount Ordered | <i>350 6 8 7/8 gel 1/4# glass</i> |             |                      |
| Consisting of  | <i>2 - sand</i>                   |             |                      |
| Common         | <i>210</i>                        | <i>5.75</i> | <i>1207.50</i>       |
| Poz. Mix       | <i>140</i>                        | <i>3.00</i> | <i>420.00</i>        |
| Gel.           | <i>28</i>                         | <i>7.00</i> | <i>196.00</i>        |
| Chloride       |                                   |             |                      |
| Quieset        | <i>P10 Seal - 88</i>              | <i>1.10</i> | <i>96.80</i>         |
|                | <i>Sand 2</i>                     | <i>5.00</i> | <i>10.00</i>         |
| Handling       | <i>350</i>                        | <i>1.00</i> | <i>350.00</i>        |
| Mileage        | <i>30</i>                         |             | <i>420.00</i>        |
|                |                                   |             | <b>Total 2700.30</b> |

Floating Equipment  
 Total \$ *3417.80*  
 Disc - *683.56*

\$ *2734.24*

RECEIVED  
 STATE CORPORATION COMMISSION

AUG 13 1993