

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 Company

Address 100 S. Main #410

City/State/Zip Wichita, Kansas 67202

Purchaser: _____

Operator Contact Person: Stephen W. Dunne

Phone (316) 267-3448

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Steve Davis

Designate Type of Completion

New Well Re-Entry Workover

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

If Workover:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

01-08-98 01-15-98 01-16-98
Spud Date Date Reached TD Completion Date

API NO. 15- 101-21754 0000

County Lane County, Kansas

SW - SW - SE - _____ Sec. 6 Twp. 20 Rge. 28 XX^E

330 Feet from S/N (circle one) Line of Section

2310 Feet from E/W (circle one) Line of Section

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

Lease Name Heath Well # 1-6

Field Name _____

Producing Formation _____

Elevation: Ground 2796' KB 2805'

Total Depth 4700' PBTD 4650'

Amount of Surface Pipe Set and Cemented at 267 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cm.

Drilling Fluid Management Plan DHA, 5-21-98 UC
(Data must be collected from the Reserve Pit)

Chloride content 18,000 ppm Fluid volume 800 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

RECEIVED

Operator Name KANSAS CORPORATION COMMISSION

Lease Name 2-12-98 License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

CONSERVATION DIVISION
WICHITA, KS

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 President Date 2/10/98

Subscribed and sworn to before me this 10 day of February, 19 98.

Notary Public Anne M Kewley

Date Commission Expires 10/23/2000

| | | |
|------------------------------|-------------------------------------|------------------------------------|
| K.C.C. OFFICE USE ONLY | | |
| F | <input checked="" type="checkbox"/> | Letter of Confidentiality Attached |
| C | <input checked="" type="checkbox"/> | Wireline Log Received |
| C | <input checked="" type="checkbox"/> | Geologist Report Received |
| Distribution | | |
| <input type="checkbox"/> KCC | <input type="checkbox"/> SWD/Rep | <input type="checkbox"/> NGPA |
| <input type="checkbox"/> KGS | <input type="checkbox"/> Plug | <input type="checkbox"/> Other |
| (Specify) | | |

ANNE M. KEWLEY
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 10/23/00

Operator Name Dunne Oil Company Lease Name Heath Well # 1-6

Sec. 6 Twp. 20 Rge. 28 East West
 County Lane County, Kansas

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 (Attach Additional Sheets.) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table border="0"> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>2126</td> <td>+679</td> </tr> <tr> <td>B/Anhydrite</td> <td>2153</td> <td>+652</td> </tr> <tr> <td>Heebner</td> <td>3991</td> <td>-1186</td> </tr> <tr> <td>Toronto</td> <td>4010</td> <td>-1205</td> </tr> <tr> <td>Lansing</td> <td>4034</td> <td>-1229</td> </tr> <tr> <td>Stark</td> <td>4320</td> <td>-1515</td> </tr> <tr> <td>Hushpuckney</td> <td>4359</td> <td>-1554</td> </tr> <tr> <td>BKC</td> <td>4399</td> <td>-1594</td> </tr> <tr> <td>Marmaton</td> <td>4423</td> <td>-1618</td> </tr> <tr> <td>Altamont</td> <td>4444</td> <td>-1639</td> </tr> </table> | Name | Top | Datum | Anhydrite | 2126 | +679 | B/Anhydrite | 2153 | +652 | Heebner | 3991 | -1186 | Toronto | 4010 | -1205 | Lansing | 4034 | -1229 | Stark | 4320 | -1515 | Hushpuckney | 4359 | -1554 | BKC | 4399 | -1594 | Marmaton | 4423 | -1618 | Altamont | 4444 | -1639 |
| Name | Top | | Datum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anhydrite | 2126 | | +679 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B/Anhydrite | 2153 | | +652 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Heebner | 3991 | | -1186 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Toronto | 4010 | -1205 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lansing | 4034 | -1229 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stark | 4320 | -1515 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hushpuckney | 4359 | -1554 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BKC | 4399 | -1594 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Marmaton | 4423 | -1618 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Altamont | 4444 | -1639 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Samples Sent to Geological Survey | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cores Taken | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Electric Log Run (Submit Copy.) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| List All E.Logs Run: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Dual Induction
Compensated Neutron Density

CASING RECORD New Used Continued separate page
 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# | 267' | 60/40 Poz | 190 | 3%cc 2%gel |
| | | | | | | | |
| | | | | | | | |

ADDITIONAL CEMENTING/SQUEEZE RECORD

| Purpose: | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|---|------------------|----------------|-------------|----------------------------|
| <input 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 Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth |
|----------------|--|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |

TUBING RECORD Size _____ Set At _____ Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SUD or Inj. DA Producing Method Flowing Pumping Gas Lift Other (Explain)

| | | | | | |
|-----------------------------------|----------------------|---------|-------------|---------------|---------|
| Estimated Production Per 24 Hours | Oil Bbls. <u>N-A</u> | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|----------------------|---------|-------------|---------------|---------|

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**
 Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled _____
 Other (Specify) _____

ORIGINAL

#1-6 Heath

Log Formation (Top), Depth and Datums (cont.)

| NAME | TOP | DATUM |
|-------------|------|-------|
| Pawnee | 4524 | -1719 |
| Ft Scott | 4570 | -1765 |
| Cherokee Sh | 4591 | -1786 |
| Mississippi | 4682 | -1877 |

15-101-21754

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 12 1998

COMMUNICATIONS SECTION
KANSAS CITY, MO

ALLIED CEMENTING CO., INC.

4608

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Near City

| | | | | | | | |
|--------------------|-------------------|--|-----------------|---------------------------|---------------------------|-----------------------|---------------------------|
| DATE <u>1-8-98</u> | SEC. <u>7</u> | TWP. <u>20</u> | RANGE <u>28</u> | CALLED OUT <u>11:00AM</u> | ON LOCATION <u>3:45pm</u> | JOB START <u>7:35</u> | JOB FINISH <u>8:15 pm</u> |
| LEASE <u>Heath</u> | WELL # <u>1-6</u> | LOCATION <u>Oughton 9s 1E 12 1/2 W</u> | | | COUNTY <u>Lane</u> | STATE <u>KS</u> | |

OLD OR NEW (Circle one)

CONTRACTOR Duke Dalg #4

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 268

CASING SIZE 8 5/8 DEPTH 267

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

OWNER Same

CEMENT

AMOUNT ORDERED

190 6 1/4 3% cc 2% Del

| | | | | |
|----------|------------|---|--------------|---------------|
| COMMON | <u>114</u> | @ | <u>6.35</u> | <u>723.90</u> |
| POZMIX | <u>76</u> | @ | <u>3.25</u> | <u>242.00</u> |
| GEL | <u>3</u> | @ | <u>9.50</u> | <u>28.50</u> |
| CHLORIDE | <u>6</u> | @ | <u>28.00</u> | <u>168.00</u> |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>190</u> | @ | <u>1.05</u> | <u>199.50</u> |
| MILEAGE | <u>42</u> | | | <u>319.20</u> |

TOTAL 1686.10

EQUIPMENT

PUMP TRUCK CEMENTER J. Weighman

224 HELPER B. White

BULK TRUCK

116 DRIVER B. Norton

BULK TRUCK

DRIVER

REMARKS:

SERVICE

Circ 8 5/8 csg max 190 3/4

3% cc 2% Del, Deep 16 1/2 RBL.

Plus Down 8:15 pm

Cemt dual Circ ✓

| | | | | |
|----------------------|------------|---|--------------|---------------|
| DEPTH OF JOB | <u>267</u> | | | |
| PUMP TRUCK CHARGE | | | | <u>470.00</u> |
| EXTRA FOOTAGE | | @ | | |
| MILEAGE | <u>42</u> | @ | <u>2.85</u> | <u>119.70</u> |
| PLUG <u>Top Wood</u> | | @ | <u>45.00</u> | <u>45.00</u> |
| | | @ | | |
| | | @ | | |

TOTAL 634.70

CHARGE TO: Durane Oil

STREET 100 S. Main # 410

CITY Wichita STATE Ks ZIP 67202

FLOAT EQUIPMENT

| | | | | |
|--|---|--|--|--|
| | @ | | | |
| | @ | | | |
| | @ | | | |
| | @ | | | |
| | @ | | | |

TOTAL

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.

TAX -0-

TOTAL CHARGE 2320.80

DISCOUNT 348.12 IF PAID IN 30 DAYS

Net \$ 1972.68

SIGNATURE Fitch Wheeler

ALLIED CEMENTING CO., INC. 9154

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT:

At Bend

| | | | | | | | |
|--------------------------------|---------------|--------------------|--|--------------------------|----------------------------|---------------------------|---------------------------|
| DATE <u>1-11-98</u> | SEC. <u>6</u> | TWP. <u>20</u> | RANGE <u>28</u> | CALLED OUT <u>8:00AM</u> | ON LOCATION <u>11:30AM</u> | JOB START <u>12:30 PM</u> | JOB FINISH <u>3:00 PM</u> |
| LEASE <u>Heath</u> | | WELL # <u>1-1e</u> | LOCATION <u>Dighton - 9S, 1E, 1S, 1/4 into</u> | | | COUNTY <u>Lane</u> | STATE <u>Ks</u> |
| OLD OR <u>NEW</u> (Circle one) | | | | | | | |

CONTRACTOR Duke Dely Rig #4
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8" T.D. 4700'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2" DEPTH 2165'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Same
 CEMENT
 AMOUNT ORDERED 235 lbs 69/40 6% Mel, 1/4" flared/sh.

EQUIPMENT

PUMP TRUCK CEMENTER Tom D
 # 181 HELPER Bob B
 BULK TRUCK
 # 116 DRIVER Arch W
 BULK TRUCK
 # _____ DRIVER _____

| | | | | |
|----------------|------------------|---|--------------|----------------|
| COMMON | <u>14/44</u> | @ | <u>6.35</u> | <u>895.35</u> |
| POZMIX | <u>94.44</u> | @ | <u>3.25</u> | <u>305.50</u> |
| GEL | <u>12.24</u> | @ | <u>9.00</u> | <u>114.00</u> |
| CHLORIDE | | @ | | |
| <u>HOSE</u> | <u>59#</u> | @ | <u>1.15</u> | <u>67.85</u> |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>235</u> | @ | <u>105</u> | <u>246.75</u> |
| MILEAGE | <u>235 x .42</u> | @ | <u>99.45</u> | <u>394.80</u> |
| TOTAL # | | | | <u>2024.25</u> |

REMARKS:
Mixed - 50 lbs at 2165'
80 lbs at 1200'
40 lbs at 1650'
40 lbs at 300'
10 lbs at 40'
15 lbs in bathole.

Thanks
S

SERVICE

| | | | | |
|-------------------|-------------------------|---|---------------------------|---------------|
| DEPTH OF JOB | <u>2165'</u> | | | |
| PUMP TRUCK CHARGE | | | <u>580.00</u> | |
| EXTRA FOOTAGE | | @ | | |
| MILEAGE | <u>42</u> | @ | <u>2.85</u> <u>119.70</u> | |
| PLUG | <u>1-8 7/8" Western</u> | @ | <u>23.00</u> <u>23.00</u> | |
| | | @ | | |
| | | @ | | |
| FEB 12 1998 | | | | |
| TOTAL | | | | <u>722.70</u> |

CHARGE TO: Dunne Oil Co.
 STREET 100 South Main Suite 410
 CITY Wichita STATE Ks ZIP 67202

KANSAS CORPORATION COMMISSION
 FEB 12 1998
 CONSERVATION DIVISION
 WICHITA, KS

FLOAT EQUIPMENT

| | | |
|-------|---|-------|
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |
| _____ | @ | _____ |

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.

TOTAL _____

TAX _____

TOTAL CHARGE \$ 2746.95

DISCOUNT 412.04 IF PAID IN 30 DAYS

SIGNATURE Rich Wheeler

Net # 2334.91
Rich Wheeler
 PRINTED NAME