

ORIGINAL

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

RELEASED

MAR 20 1995

Operator: License # 31229

Name: DLB Oil & Gas, Inc.

Address 1601 N.W. Expressway
Suite 700

City/State/Zip Oklahoma City, OK 73118-1401

Purchaser: Petro Source

Operator Contact Person: Stephen D. Adams

Phone (405) 848-8808

Contractor: Name: Eagle Drilling, Inc.

License: #5380

Wellsite Geologist: David Hickman

Designate Type of Completion

X New Well Re-Entry Workover

X Oil SWD SIOW 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 PBTB

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

10-19-94 11-3-94 11-18-94
Spud Date Date Reached TD Completion Date

API NO. 15- 025-21118-0000

County Clark

NE SE - SE - SW - Sec. 24 Twp. 31S Rge. 22 X W

990 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 S/W (circle one)

Lease Name Norman Well # 24-14

Field Name Lexington

Producing Formation Viola

Elevation: Ground 2075' KB 2088'

Total Depth 6804' PBTB N/A

Amount of Surface Pipe Set and Cemented at 651 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 cmt.

Drilling Fluid Management Plan ALT 1 J 24 3-24-95
(Data must be collected from the Reserve Pit)

Chloride content 3100 ppm Fluid volume 8800 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name N/A

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 [Signature]

Title District Landman Date 2-10-95

Subscribed and sworn to before me this 1st day of March, 1995.

Notary Public Robin Morton

Date Commission Expires 6-3-97

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C [checked] Wireline Log Received
C Geologist Report Received
Distribution
[checked] KCC SWD/Rep NGPA
KGS Plug Other (Specify)

Form ACO-1 (7-91)

CONFIDENTIAL

RECEIVED
STATE CORPORATION COMMISSION
3-3-1995
MAR 03 1995

CONSERVATION DIVISION
WICHITA, KANSAS

87

Operator Name DLB Oil & Gas, Inc. Lease Name Norman Well # 24-14

Sec. 24 Twp. 31S Rge. 22 East County Clark West

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.)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy.)
List All E.Logs Run: Induction, Density, Micro

Log Formation (Top), Depth and Datums Sample
Name Top Datum
Lansing 4360 2272
Marmaton 4840 2752
Mississippi 5086 2998
Viola 6052 3964
Arbuckle 6365 4277

RELEASED

MAR 20 1995

FROM CONFIDENTIAL

CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING/SQUEEZE RECORD
5#Gilonite
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

PERFORATION RECORD - Bridge Plugs Set/Type
Acid, Fracture, Shot, Cement Squeeze Record
Table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Amount and Kind of Material Used, Depth

TUBING RECORD
Size 2 3/8" Set At 6163 Packer At 6100 Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 11-18-94
Producing Method: Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours
Oil Bbls. 100 Gas Mcf 130 Water Bbls. 5 Gas-Oil Ratio 1300 Gravity 42

Disposition of Gas: METHOD OF COMPLETION Production Interval
Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
Other (Specify)

CONFIDENTIAL

RECEIVED STATE CORPORATION COMMISSION

MAR 6 8 1995

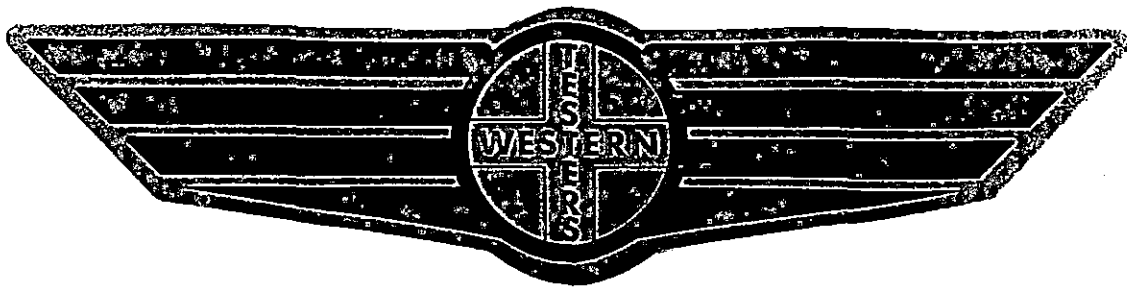
CONSERVATION DIVISION WICHITA, KANSAS

ORIGINAL

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 800-688-7021

COMPANY DLB OIL & GAS, INC. LEASE NO. WICHITA #24-15 NORMAN SEC. 24 TWP. 31SRGE. 22W TEST NO. DATE 10/28/94

DST REPORT

GENERAL INFORMATION

DATE : 10/28/94
CUSTOMER : D L B OIL & GAS, INC.
WELL : #24-15 TEST: 1
ELEVATION: 2028DF
SECTION : 24
RANGE : 22W COUNTY: CLARK
GAUGE SN#: 1051 RANGE : 4250
TICKET : 20993
LEASE : NORMAN
GEOLOGIST: T. DAVIS
FORMATION: OSAGE
TOWNSHIP : 31S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 5625.00 ft TO: 5655.00 ft TVD: 5655.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: GAS
DEPTH OF RECORDERS: 5647.0 ft 5650.0 ft
TEMPERATURE: 128.0
DRILL COLLAR LENGTH: 501.0 ft I.D.: 2.250 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 5092.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 32.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 30.0 ft ANCHOR SIZE: 5.500 in
SURFACE CHOKE SIZE : 0.750 in BOTTOM CHOKE SIZE: 0.750 in
MAIN HOLE SIZE : 7.875 in TOOL JOINT SIZE : 4.5XH
PACKER DEPTH: 5620.0 ft SIZE: 6.625 in
PACKER DEPTH: 5625.0 ft SIZE: 6.625 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : EAGLE DRILLING
MUD TYPE : CHEMICAL
WEIGHT : 9.200 ppg
CHLORIDES : 6300 ppm
JARS-MAKE : WTC
DID WELL FLOW?: NO
VISCOSITY : 49.00 cp
WATER LOSS: 9.500 cc
SERIAL NUMBER: 411
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW: STRONG BLOW IN 3 MINUTES.
FINAL FLOW: FAIR BLOW BUILDING TO A STRONG BLOW
IN 50 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

| Feet of Fluid | % Oil | % Gas | % Water | % Mud | Comments |
|---------------|-------|-------|---------|-------|---------------------------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 180 FEET GAS ABOVE FLUID |
| 150.0 | 0.0 | 0.0 | 0.0 | 100.0 | MUD |
| 120.0 | 0.0 | 0.0 | 100.0 | 0.0 | WATER-CHLORIDES 73000 PPM |

RATE INFORMATION

| | | | |
|---------------|------------|---------------------|--------------|
| OIL VOLUME: | 0.0000 STB | TOTAL FLOW TIME: | 90.0000 min. |
| GAS VOLUME: | 0.0000 SCF | AVERAGE OIL RATE: | 0.0000 STB/D |
| MUD VOLUME: | 0.7376 STB | AVERAGE WATER RATE: | 9.4416 STB/D |
| WATER VOLUME: | 0.5901 STB | | |
| TOTAL FLUID : | 1.3277 STB | | |

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2776.00

| Description | Duration | p1 | p End |
|-----------------|----------|--------|---------|
| INITIAL FLOW | 30.00 | 86.00 | 86.00 |
| INITIAL SHUT-IN | 60.00 | | 1813.00 |
| FINAL FLOW | 60.00 | 107.00 | 107.00 |
| FINAL SHUT-IN | 120.00 | | 1813.00 |

FINAL HYDROSTATIC PRESSURE: 2776.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2768.00

| Description | Duration | p1 | p End |
|-----------------|----------|--------|---------|
| INITIAL FLOW | 30.00 | 67.00 | 67.00 |
| INITIAL SHUT-IN | 63.00 | | 1777.00 |
| FINAL FLOW | 60.00 | 115.00 | 110.00 |
| FINAL SHUT-IN | 126.00 | | 1808.00 |

FINAL HYDROSTATIC PRESSURE: 2766.00

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

| | |
|----------------------------------|---------------------|
| DATE : 10/28/94 | TICKET : 20993 |
| CUSTOMER : D L B OIL & GAS, INC. | LEASE : NORMAN |
| WELL : #24-15 TEST: 1 | GEOLOGIST: T. DAVIS |
| ELEVATION: 2028DF | FORMATION: OSAGE |
| SECTION : 24 | TOWNSHIP : 31S |
| RANGE : 22W COUNTY: CLARK | STATE : KS |
| GAUGE SN#: 1051 RANGE : 4250 | CLOCK : 12 |

INITIAL FLOW

| <u>Time (min)</u> | <u>Pressure</u> | <u>Delta P</u> |
|-----------------------|-----------------|----------------|
| 0.00 | 67.00 | 67.00 |
| 5.00 | 67.00 | 0.00 |
| 10.00 | 67.00 | 0.00 |
| 15.00 | 67.00 | 0.00 |
| 20.00 | 67.00 | 0.00 |
| 25.00 | 67.00 | 0.00 |
| 30.00 | 67.00 | 0.00 |

INITIAL SHUT IN

| <u>Time (min)</u> | <u>Pressure</u> | <u>Delta P</u> | <u>Horner T</u> |
|-----------------------|-----------------|----------------|-----------------|
| 3.00 | 109.00 | 109.00 | 0.00 |
| 6.00 | 288.00 | 179.00 | 0.00 |
| 9.00 | 485.00 | 197.00 | 0.00 |
| 12.00 | 736.00 | 251.00 | 0.00 |
| 15.00 | 930.00 | 194.00 | 0.00 |
| 18.00 | 1095.00 | 165.00 | 0.00 |
| 21.00 | 1218.00 | 123.00 | 0.00 |
| 24.00 | 1329.00 | 111.00 | 0.00 |
| 27.00 | 1413.00 | 84.00 | 0.00 |
| 30.00 | 1471.00 | 58.00 | 0.00 |
| 33.00 | 1528.00 | 57.00 | 0.00 |
| 36.00 | 1575.00 | 47.00 | 0.00 |
| 39.00 | 1617.00 | 42.00 | 0.00 |
| 42.00 | 1647.00 | 30.00 | 0.00 |
| 45.00 | 1675.00 | 28.00 | 0.00 |
| 48.00 | 1703.00 | 28.00 | 0.00 |
| 51.00 | 1723.00 | 20.00 | 0.00 |
| 54.00 | 1743.00 | 20.00 | 0.00 |
| 57.00 | 1754.00 | 11.00 | 0.00 |

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

| Time (min) | Pressure | Delta P | Horner T |
|---------------|----------|---------|----------|
| 60.00 | 1768.00 | 14.00 | 0.00 |
| 63.00 | 1777.00 | 9.00 | 0.00 |

FINAL FLOW

| Time (min) | Pressure | Delta P |
|---------------|----------|---------|
| 0.00 | 115.00 | 115.00 |
| 5.00 | 115.00 | 0.00 |
| 10.00 | 114.00 | -1.00 |
| 15.00 | 114.00 | 0.00 |
| 20.00 | 113.00 | -1.00 |
| 25.00 | 113.00 | 0.00 |
| 30.00 | 112.00 | -1.00 |
| 35.00 | 112.00 | 0.00 |
| 40.00 | 111.00 | -1.00 |
| 45.00 | 111.00 | 0.00 |
| 50.00 | 110.00 | -1.00 |
| 55.00 | 110.00 | 0.00 |
| 60.00 | 110.00 | 0.00 |

FINAL SHUT IN

| Time (min) | Pressure | Delta P | Horner T |
|---------------|----------|---------|----------|
| 3.00 | 185.00 | 185.00 | 0.00 |
| 6.00 | 362.00 | 177.00 | 0.00 |
| 9.00 | 578.00 | 216.00 | 0.00 |
| 12.00 | 755.00 | 177.00 | 0.00 |
| 15.00 | 901.00 | 146.00 | 0.00 |
| 18.00 | 1021.00 | 120.00 | 0.00 |
| 21.00 | 1125.00 | 104.00 | 0.00 |
| 24.00 | 1214.00 | 89.00 | 0.00 |
| 27.00 | 1282.00 | 68.00 | 0.00 |
| 30.00 | 1339.00 | 57.00 | 0.00 |
| 33.00 | 1390.00 | 51.00 | 0.00 |
| 36.00 | 1432.00 | 42.00 | 0.00 |
| 39.00 | 1477.00 | 45.00 | 0.00 |
| 42.00 | 1522.00 | 45.00 | 0.00 |
| 45.00 | 1539.00 | 17.00 | 0.00 |

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

| <u>Time (min)</u> | <u>Pressure</u> | <u>Delta P</u> | <u>Horner T</u> |
|-----------------------|-----------------|----------------|-----------------|
| 48.00 | 1557.00 | 18.00 | 0.00 |
| 51.00 | 1579.00 | 22.00 | 0.00 |
| 54.00 | 1600.00 | 21.00 | 0.00 |
| 57.00 | 1617.00 | 17.00 | 0.00 |
| 60.00 | 1634.00 | 17.00 | 0.00 |
| 63.00 | 1650.00 | 16.00 | 0.00 |
| 66.00 | 1666.00 | 16.00 | 0.00 |
| 69.00 | 1680.00 | 14.00 | 0.00 |
| 72.00 | 1694.00 | 14.00 | 0.00 |
| 75.00 | 1704.00 | 10.00 | 0.00 |
| 78.00 | 1715.00 | 11.00 | 0.00 |
| 81.00 | 1723.00 | 8.00 | 0.00 |
| 84.00 | 1730.00 | 7.00 | 0.00 |
| 87.00 | 1737.00 | 7.00 | 0.00 |
| 90.00 | 1745.00 | 8.00 | 0.00 |
| 93.00 | 1753.00 | 8.00 | 0.00 |
| 96.00 | 1760.00 | 7.00 | 0.00 |
| 99.00 | 1764.00 | 4.00 | 0.00 |
| 102.00 | 1769.00 | 5.00 | 0.00 |
| 105.00 | 1775.00 | 6.00 | 0.00 |
| 108.00 | 1780.00 | 5.00 | 0.00 |
| 111.00 | 1785.00 | 5.00 | 0.00 |
| 114.00 | 1790.00 | 5.00 | 0.00 |
| 117.00 | 1794.00 | 4.00 | 0.00 |
| 120.00 | 1799.00 | 5.00 | 0.00 |
| 123.00 | 1804.00 | 5.00 | 0.00 |
| 126.00 | 1808.00 | 4.00 | 0.00 |

ORIGINAL

FLUID SAMPLE REPORT

GENERAL INFORMATION

| | | | |
|------------|-------------------------|------------|----------|
| DATE | : 10/28/94 | TICKET | : 20993 |
| CUSTOMER | : D L B OIL & GAS, INC. | LEASE | : NORMAN |
| WELL | : #24-15 | TEST: | 1 |
| ELEVATION: | 2028DF | GEOLOGIST: | T. DAVIS |
| SECTION | : 24 | FORMATION: | OSAGE |
| RANGE | : 22W | COUNTY: | CLARK |
| Gauge SN#: | 1051 | RANGE | : 4250 |
| | | STATE | : KS |
| | | CLOCK | : 12 |

SAMPLE INFORMATION

| | | | |
|--------------------------|-------------|------|-------------|
| PRESSURE IN SAMPLER: | 135.00 PSIG | BHT: | 128.0 DEG F |
| TOTAL VOLUME OF SAMPLER: | 3100.00 cc | | |
| TOTAL VOLUME OF SAMPLE: | 3000.00 cc | | |
| OIL: | 0.00 cc | | |
| WATER: | 3000.00 cc | | |
| MUD: | 0.00 cc | | |
| GAS: | 100.00 cc | | |
| OTHER: | 0.00 cc | | |

RESISTIVITY

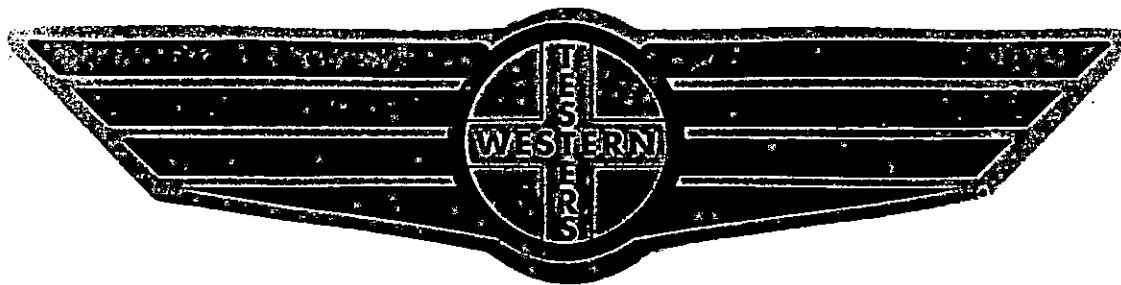
| | | |
|---------------------------|-------------------|----------|
| DRILLING MUD: | CHLORIDE CONTENT: | 0.00 ppm |
| MUD PIT SAMPLE: | CHLORIDE CONTENT: | 0.00 ppm |
| GAS/OIL RATIO: | GRAVITY: | |
| WHERE WAS SAMPLE DRAINED: | | |
| REMARKS: | | |

ORIGINAL

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone 1-800-638-7021

COMPANY DLB OIL & GAS, INC.

FAST & MIND, INC. #24-15 NORMAN

SIX 24 JWP 31S RGE. 22W JFST NO. 2 DATE

10/29/94

DST REPORT

GENERAL INFORMATION

| | |
|-----------------------------------|--------------------|
| DATE : 10/29/94 | TICKET : 20994 |
| CUSTOMER : D L B OIL & GAS, INC. | LEASE : NORMAN |
| WELL : #24-15 TEST: 2 | GEOLOGIST: PADGETT |
| ELEVATION: 2022DF | FORMATION: OSAGE |
| SECTION : 24 | TOWNSHIP : 31S |
| RANGE : 22W COUNTY: CLARK | STATE : KS |
| GAUGE SN#: 1051 RANGE : 4250 | CLOCK : 12 |

WELL INFORMATION

| | | |
|---------------------------------------|--------------------|----------------|
| PERFORATION INTERVAL FROM: 5738.00 ft | TO: 5805.00 ft | TVD: 5805.0 ft |
| DEPTH OF SELECTIVE ZONE: | | TEST TYPE: GAS |
| DEPTH OF RECORDERS: 5797.0 ft | 5800.0 ft | |
| TEMPERATURE: 131.0 | | |
| | | |
| DRILL COLLAR LENGTH: 501.0 ft | I.D.: | 2.250 in |
| WEIGHT PIPE LENGTH : 0.0 ft | I.D.: | 0.000 in |
| DRILL PIPE LENGTH : 5205.0 ft | I.D.: | 3.800 in |
| TEST TOOL LENGTH : 32.0 ft | TOOL SIZE : | 5.500 in |
| ANCHOR LENGTH : 67.0 ft | ANCHOR SIZE: | 5.500 in |
| SURFACE CHOKE SIZE : 0.750 in | BOTTOM CHOKE SIZE: | 0.750 in |
| MAIN HOLE SIZE : 7.875 in | TOOL JOINT SIZE : | 4.5XH |
| PACKER DEPTH: 5733.0 ft | SIZE: | 6.625 in |
| PACKER DEPTH: 5738.0 ft | SIZE: | 6.625 in |
| PACKER DEPTH: 0.0 ft | SIZE: | 0.000 in |
| PACKER DEPTH: 0.0 ft | SIZE: | 0.000 in |

MUD INFORMATION

| | |
|--------------------------------|----------------------|
| DRILLING CON. : EAGLE DRILLING | |
| MUD TYPE : CHEMICAL | VISCOSITY : 49.00 cp |
| WEIGHT : 9.200 ppg | WATER LOSS: 9.000 cc |
| CHLORIDES : 5800 ppm | |
| JARS-MAKE : WTC | SERIAL NUMBER: 411 |
| DID WELL FLOW?: NO | REVERSED OUT?: NO |

COMMENTS

Comment

INITIAL FLOW: STRONG BLOW IN 4 MINUTES.
 FINAL FLOW: STRONG BLOW IN 2 MINUTES, GAS TO
 SURFACE IN 15 MINUTES. SEE ATTACHED SHEET.

DST REPORT (CONTINUED)

FLUID RECOVERY

| Feet of Fluid | % Oil | % Gas | % Water | % Mud | Comments |
|---------------|-------|-------|---------|-------|-----------------------|
| 240.0 | 0.0 | 20.0 | 30.0 | 50.0 | GAS AND WATER CUT MUD |
| 370.0 | 0.0 | 20.0 | 40.0 | 40.0 | GAS AND MUDDY WATER |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | CHLORIDES 37,000 PPM |

RATE INFORMATION

| | | | |
|---------------|------------|---------------------|---------------|
| OIL VOLUME: | 0.0000 STB | TOTAL FLOW TIME: | 85.0000 min. |
| GAS VOLUME: | 4.4836 SCF | AVERAGE OIL RATE: | 0.0000 STB/D |
| MUD VOLUME: | 1.8143 STB | AVERAGE WATER RATE: | 54.1105 STB/D |
| WATER VOLUME: | 1.3797 STB | | |
| TOTAL FLUID : | 3.1940 STB | | |

FIELD TIME & PRESSURE INFORMATION

| INITIAL HYDROSTATIC PRESSURE: 2830.00 | | | |
|---------------------------------------|----------|--------|---------|
| Description | Duration | p1 | p End |
| INITIAL FLOW | 30.00 | 215.00 | 215.00 |
| INITIAL SHUT-IN | 60.00 | | 2669.00 |
| FINAL FLOW | 60.00 | 268.00 | 247.00 |
| FINAL SHUT-IN | 120.00 | | 2455.00 |
| FINAL HYDROSTATIC PRESSURE: 2722.00 | | | |

OFFICE TIME & PRESSURE INFORMATION

| INITIAL HYDROSTATIC PRESSURE: 2836.00 | | | |
|---------------------------------------|----------|--------|---------|
| Description | Duration | p1 | p End |
| INITIAL FLOW | 25.00 | 210.00 | 210.00 |
| INITIAL SHUT-IN | 63.00 | | 2633.00 |
| FINAL FLOW | 60.00 | 247.00 | 240.00 |
| FINAL SHUT-IN | 126.00 | | 2457.00 |
| FINAL HYDROSTATIC PRESSURE: 2723.00 | | | |

GAS FLOW REPORT

GENERAL INFORMATION

| | |
|-----------------------------------|--------------------|
| DATE : 10/29/94 | TICKET : 20994 |
| CUSTOMER : D L B OIL & GAS, INC. | LEASE : NORMAN |
| WELL : #24-15 TEST: 2 | GEOLOGIST: PADGETT |
| ELEVATION: 2022DF | FORMATION: OSAGE |
| SECTION : 24 | TOWNSHIP : 31S |
| RANGE : 22W COUNTY: CLARK | STATE : KS |
| GAUGE SN#: 1051 RANGE : 4250 | CLOCK : 12 |

PRE FLOW

| Time Guage (min) | Tester Type | Orifice Size | Pressure | Flow Desc. |
|---------------------|----------------|-----------------|----------|------------|
|---------------------|----------------|-----------------|----------|------------|

SECOND FLOW

| Time Guage (min) | Tester Type | Orifice Size | Pressure | Flow Desc. |
|---------------------|----------------|-----------------|----------|-------------|
| 20 MIN | MERLA | 0.500 | 2" WATER | 8870 SCF/D |
| 30 MIN | MERLA | 0.500 | 6" WATER | 15400 SCF/D |
| 40 MIN | MERLA | 0.500 | 5" WATER | 14100 SCF/D |
| 50 MIN | MERLA | 0.500 | 6" WATER | 15400 SCF/D |
| 60 MIN | MERLA | 0.500 | 6" WATER | 15400 SCF/D |

PRESSURE TRANSIENT REPORT

GENERAL INFORMATION

| | | | |
|-----------|-------------------------|-----------|-----------|
| DATE | : 10/29/94 | TICKET | : 20994 |
| CUSTOMER | : D L B OIL & GAS, INC. | LEASE | : NORMAN |
| WELL | : #24-15 | TEST: | 2 |
| ELEVATION | : 2022DF | GEOLOGIST | : PADGETT |
| SECTION | : 24 | FORMATION | : OSAGE |
| RANGE | : 22W | COUNTY: | CLARK |
| GAUGE SN# | : 1051 | RANGE | : 4250 |
| | | TOWNSHIP | : 31S |
| | | STATE | : KS |
| | | CLOCK | : 12 |

INITIAL FLOW

| Time (min) | Pressure | Delta P |
|---------------|----------|---------|
| 0.00 | 210.00 | 210.00 |
| 5.00 | 210.00 | 0.00 |
| 10.00 | 210.00 | 0.00 |
| 15.00 | 210.00 | 0.00 |
| 20.00 | 210.00 | 0.00 |
| 25.00 | 210.00 | 0.00 |

INITIAL SHUT IN

| Time (min) | Pressure | Delta P | Hörner T |
|---------------|----------|---------|----------|
| 3.00 | 562.00 | 562.00 | 9.33 |
| 6.00 | 958.00 | 396.00 | 5.17 |
| 9.00 | 1425.00 | 467.00 | 3.78 |
| 12.00 | 1803.00 | 378.00 | 3.08 |
| 15.00 | 2261.00 | 458.00 | 2.67 |
| 18.00 | 2408.00 | 147.00 | 2.39 |
| 21.00 | 2482.00 | 74.00 | 2.19 |
| 24.00 | 2521.00 | 39.00 | 2.04 |
| 27.00 | 2553.00 | 32.00 | 1.93 |
| 30.00 | 2573.00 | 20.00 | 1.83 |
| 33.00 | 2583.00 | 10.00 | 1.76 |
| 36.00 | 2594.00 | 11.00 | 1.69 |
| 39.00 | 2603.00 | 9.00 | 1.64 |
| 42.00 | 2611.00 | 8.00 | 1.60 |
| 45.00 | 2616.00 | 5.00 | 1.56 |
| 48.00 | 2621.00 | 5.00 | 1.52 |
| 51.00 | 2624.00 | 3.00 | 1.49 |
| 54.00 | 2627.00 | 3.00 | 1.46 |
| 57.00 | 2629.00 | 2.00 | 1.44 |
| 60.00 | 2631.00 | 2.00 | 1.42 |

PRESSURE TRANSIENT REPORT (CONTINUED)

INITIAL SHUT IN (CONTINUED)

| <u>Time (min)</u> | <u>Pressure</u> | <u>Delta P</u> | <u>Horner T</u> |
|-----------------------|-----------------|----------------|-----------------|
| 63.00 | 2633.00 | 2.00 | 1.40 |

FINAL FLOW

| <u>Time (min)</u> | <u>Pressure</u> | <u>Delta P</u> |
|-----------------------|-----------------|----------------|
| 0.00 | 247.00 | 247.00 |
| 5.00 | 247.00 | 0.00 |
| 10.00 | 246.00 | -1.00 |
| 15.00 | 245.00 | -1.00 |
| 20.00 | 243.00 | -2.00 |
| 25.00 | 242.00 | -1.00 |
| 30.00 | 241.00 | -1.00 |
| 35.00 | 240.00 | -1.00 |
| 40.00 | 240.00 | 0.00 |
| 45.00 | 240.00 | 0.00 |
| 50.00 | 240.00 | 0.00 |
| 55.00 | 240.00 | 0.00 |
| 60.00 | 240.00 | 0.00 |

FINAL SHUT IN

| <u>Time (min)</u> | <u>Pressure</u> | <u>Delta P</u> | <u>Horner T</u> |
|-----------------------|-----------------|----------------|-----------------|
| 3.00 | 446.00 | 446.00 | 21.00 |
| 6.00 | 675.00 | 229.00 | 11.00 |
| 9.00 | 879.00 | 204.00 | 7.67 |
| 12.00 | 1095.00 | 216.00 | 6.00 |
| 15.00 | 1313.00 | 218.00 | 5.00 |
| 18.00 | 1536.00 | 223.00 | 4.33 |
| 21.00 | 1715.00 | 179.00 | 3.86 |
| 24.00 | 1837.00 | 122.00 | 3.50 |
| 27.00 | 1931.00 | 94.00 | 3.22 |
| 30.00 | 2006.00 | 75.00 | 3.00 |
| 33.00 | 2056.00 | 50.00 | 2.82 |
| 36.00 | 2108.00 | 52.00 | 2.67 |
| 39.00 | 2153.00 | 45.00 | 2.54 |
| 42.00 | 2190.00 | 37.00 | 2.43 |
| 45.00 | 2224.00 | 34.00 | 2.33 |
| 48.00 | 2248.00 | 24.00 | 2.25 |

PRESSURE TRANSIENT REPORT (CONTINUED)

FINAL SHUT IN (CONTINUED)

| Time (min) | Pressure | Delta P | Horner T |
|---------------|----------|---------|----------|
| 51.00 | 2278.00 | 30.00 | 2.18 |
| 54.00 | 2301.00 | 23.00 | 2.11 |
| 57.00 | 2320.00 | 19.00 | 2.05 |
| 60.00 | 2339.00 | 19.00 | 2.00 |
| 63.00 | 2355.00 | 16.00 | 1.95 |
| 66.00 | 2367.00 | 12.00 | 1.91 |
| 69.00 | 2378.00 | 11.00 | 1.87 |
| 72.00 | 2389.00 | 11.00 | 1.83 |
| 75.00 | 2395.00 | 6.00 | 1.80 |
| 78.00 | 2402.00 | 7.00 | 1.77 |
| 81.00 | 2406.00 | 4.00 | 1.74 |
| 84.00 | 2413.00 | 7.00 | 1.71 |
| 87.00 | 2418.00 | 5.00 | 1.69 |
| 90.00 | 2422.00 | 4.00 | 1.67 |
| 93.00 | 2425.00 | 3.00 | 1.65 |
| 96.00 | 2429.00 | 4.00 | 1.63 |
| 99.00 | 2433.00 | 4.00 | 1.61 |
| 102.00 | 2436.00 | 3.00 | 1.59 |
| 105.00 | 2439.00 | 3.00 | 1.57 |
| 108.00 | 2442.00 | 3.00 | 1.56 |
| 111.00 | 2445.00 | 3.00 | 1.54 |
| 114.00 | 2448.00 | 3.00 | 1.53 |
| 117.00 | 2451.00 | 3.00 | 1.51 |
| 120.00 | 2453.00 | 2.00 | 1.50 |
| 123.00 | 2455.00 | 2.00 | 1.49 |
| 126.00 | 2457.00 | 2.00 | 1.48 |

FLUID SAMPLE REPORT

GENERAL INFORMATION

DATE : 10/29/94
CUSTOMER : D L B OIL & GAS, INC.
WELL : #24-15 TEST: 2
ELEVATION: 2022DF
SECTION : 24
RANGE : 22W COUNTY: CLARK
GAUGE SN#: 1051 RANGE : 4250
TICKET : 20994
LEASE : NORMAN
GEOLOGIST: PADGETT
FORMATION: OSAGE
TOWNSHIP : 31S
STATE : KS
CLOCK : 12

SAMPLE INFORMATION

PRESSURE IN SAMPLER: 900.00 PSIG BHT: 131.0 DEG F
TOTAL VOLUME OF SAMPLER: 3100.00 cc
TOTAL VOLUME OF SAMPLE: 2100.00 cc
OIL: 0.00 cc
WATER: 1600.00 cc
MUD: 500.00 cc
GAS: 1.50 cc
OTHER: 0.00 cc

RESISTIVITY

DRILLING MUD: CHLORIDE CONTENT: 0.00 ppm
MUD PIT SAMPLE: CHLORIDE CONTENT: 0.00 ppm
GAS/OIL RATIO: GRAVITY:
WHERE WAS SAMPLE DRAINED:
REMARKS:

ALLIED CEMENTING CO., INC.

ORIGINAL P. 82

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

RELEASED

MAR 20 1995

SERVICE POINT: Medicine Lodge

| | | | | | | | |
|----------------------|---------------------|--|---------------------|--------------------------------------|-------------------------|--------------------------|---------------------------|
| DATE <u>10/19/94</u> | SEC. <u>24</u> | TWP. <u>31S</u> | RANGE <u>2E</u> | CALLLED OUT <u>FROM CONFIDENTIAL</u> | ON LOCATION <u>7:30</u> | JOB START <u>2:00 PM</u> | JOB FINISH <u>3:30 PM</u> |
| LEASE <u>Norman</u> | WELL # <u>24-14</u> | LOCATION <u>Lexington corner 3N 1W 25W</u> | COUNTY <u>CLICK</u> | STATE <u>KS</u> | | | |

OLD OR NEW (Circle one)

CONTRACTOR Eagle Drilling
 TYPE OF JOB CMT 9 3/4 SURFACE CSG
 HOLE SIZE 12 1/4 T.D. 653
 CASING SIZE 8 3/4 24" DEPTH 652
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 41
 CEMENT LEFT IN CSG. 41
 PERFS. _____

OWNER DLB Oil & Gas
CEMENT

AMOUNT ORDERED

| | | |
|--|----------------|----------------|
| <u>225 SKs 65/35:69gel 390 cacl² 4" Flo-seal</u> | | |
| <u>100 SKs Class A + 290 gel 390 cacl²</u> | | |
| <u>Used 175 SKs 65/35:69gel 390 cacl² 4" Flo-seal</u> | | |
| <u>100 SKs Class A + 290 gel 390 cacl²</u> | | |
| COMMON <u>214</u> | @ <u>5.75</u> | <u>1230.50</u> |
| POZMIX <u>61</u> | @ <u>3.00</u> | <u>183.00</u> |
| GEL <u>11</u> | @ <u>9.00</u> | <u>99.00</u> |
| CHLORIDE <u>9</u> | @ <u>25.00</u> | <u>225.00</u> |
| FLO-SEAL <u>44#</u> | @ <u>1.10</u> | <u>48.40</u> |
| | @ | |
| | @ | |
| | @ | |
| | @ | |
| HANDLING <u>325</u> | @ <u>1.00</u> | <u>325.00</u> |
| MILEAGE <u>325 x 70</u> | <u>.04</u> | <u>910.00</u> |

TOTAL \$3020.90

EQUIPMENT

PUMP TRUCK CEMENTER Max Ball
 # 234 HELPER JUSTIN Hart
 BULK TRUCK
 # 257 DRIVER John Kelley
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

CMT 9 3/4 Surface CSG with 100 SKs 65/35:69gel 390 cacl² 4" Flo-seal + 100 SKs Class A + 290 gel 390 cacl² Drop Plug Displace 3900L Land Plug Float Held CMT Did Not Circulate Top OFF with 75 SKs 65/35:69gel 390 cacl² 4" Flo-seal Cement To Surface

SERVICE

| | | |
|---------------------------------|----------------|---------------|
| DEPTH OF JOB <u>652'</u> | | |
| PUMP TRUCK CHARGE <u>0-300'</u> | | <u>430.00</u> |
| EXTRA FOOTAGE <u>352'</u> | @ <u>.39</u> | <u>137.28</u> |
| MILEAGE <u>70 mi</u> | @ <u>2.25</u> | <u>157.50</u> |
| PLUG <u>1-8 3/4 Rubber</u> | @ <u>83.00</u> | <u>83.00</u> |
| | @ | |
| | @ | |

TOTAL \$807.78

CHARGE TO: Eagle Drilling Co
 STREET 3500 N. Rock Rd. Bldg. #800-A
 CITY Wichita STATE Ks ZIP 67226

FLOAT EQUIPMENT

| | | |
|-------------------------------|-----------------|---------------|
| <u>1-9 3/4 Sawtooth Sizer</u> | @ <u>240.00</u> | <u>240.00</u> |
| <u>1-8 3/4 AFU Insert</u> | @ <u>258.00</u> | <u>258.00</u> |
| <u>2-8 3/4 Centralizers</u> | @ <u>61.00</u> | <u>122.00</u> |
| <u>2-8 3/4 Cement Baskets</u> | @ <u>180.00</u> | <u>360.00</u> |
| | @ | |

TOTAL \$980.00

TAX -0-
 TOTAL CHARGE \$4808.68
 DISCOUNT \$961.73 IF PAID IN 30 DAYS

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 Ko. Stearns

RECEIVED
STATE CORPORATION COMMISSION

MAR 03 1995

CONSERVATION DIVISION
WICHITA, KANSAS



THE WESTERN COMPANY
CEMENT JOB DETAIL SHEET

ORIGINAL

| | | | | |
|--------------------------------------|-----------------------------|--------------------------------|--------------------------|----------|
| CUSTOMER DIP | DATE 11-4-94 | F.R.# 1307328 | SER. SUP. G. Burchett | TYPE JOB |
| LEASE / WELL NAME / CSG NO. 24-15 | LOCATION SEC. 24-15-7E | COUNTY / PARISH / BLOCK Ela | | |
| DISTRICT Woodward | DRELLING CONTRACTOR / RIG # | OPERATOR | | |

| MATERIAL FURNISHED BY WPS | TYPE OF PLUGS | | LIST-CSG-HARDWARE | | SO MANI FOLD | TOP OF EACH FLUID | PHYSICAL SLURRY PROPERTIES | | | | | |
|----------------------------------|---------------|--------|-------------------|----------------|--------------|-------------------|----------------------------|---------------|-----------|------------------|------------|---------------|
| | TOP | XXX | Guide Shoe | Stop Ring | | | SLURRY WGT PPG | SLURRY YLD FT | WATER GPS | PUMP TIME HR:MIN | Bbl SLURRY | Bbl MIX WATER |
| 10 bbls. WMW-1 | | Rubber | Float Collar/AFU | 15-Turbolizers | | | 8.4 | | | | 10 | 10 |
| 350 sbs. H. 10% Thixad, 10% Salt | | | | | | 5804 | 14.8 | 1.53 | 7.1 | | 95.4 | 59.1 |
| 170 bbls. 2% Claytreat | | | | | | | 8.3 | | | | 170.0 | 170.0 |

RELEASED
MAR 20 1995
FROM CONFIDENTIAL

| Available Mix Water 250 Bbl. | Available Displ. Fluid 250 Bbl. | TOTAL | 275.4 | 239.0 | | | | | | | | | |
|------------------------------|---------------------------------|-------|-------------------------|--------------|--------------|--------------|-------------|----------|---------------|------------|-------------|------|--------|
| HOLE | | | TBS-CSG-BOX | | | TBG-CSG-O.P. | | | COLLAR DEPTHS | | | | |
| SIZE | % EXCESS | DEPTH | SIZE | WGT. | DEPTH | SIZE | WGT. | DEPTH | SHOE | FLOAT | STAGE | | |
| 7 7/8 | | 6804 | 5 1/2 | 15.5 | J-55 | 6804 | | | 6804 | 6760 | | | |
| LAST CASING | | | PKR-CMT RET-BR PL-LINER | | | PERF. DEPTH | | TOP CONN | | WELL FLUID | | | |
| SIZE | WGT | TYPE | DEPTH | BRAND & TYPE | | DEPTH | TOP | BTM | SIZE | THREAD | TYPE | WGT. | |
| 8 5/8 | 24# | K-55 | 680 | | | | | | 5 1/2 | 8" | Chem Gel | 9.2 | |
| CAL DISPL VOL-Bbl | | | | CAL PSI | CAL. MAX PSI | OP. MAX | MAX TBG PSI | | MAX CSG PSI | | DISPL FLUID | | WATER |
| TBG | CSG | CSG | TOTAL | RUMP PLUG | TO REV | SO. PSI | RATED | OP. | RATED | OP. | TYPE | WGT. | SOURCE |
| | | | 161.6 | | | | | | 3000 | | 2% C.I. | 8.3 | Rig |

EXPLANATION TROUBLE SETTING TOOL RUNNING CSG ETC PRIOR TO CEMENTING

| PRESSURE/RATE DETAIL | | | | | EXPLANATION | |
|----------------------|--------------|---------|----------|-------------------|------------------|--|
| TIME HR: MIN. | PRESSURE-PSI | | RATE BPM | Bbl. FLUID PUMPED | FLUID TYPE | SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input checked="" type="checkbox"/> |
| | PIPE | ANNULUS | | | | |
| 2:28 | 250 | | 6.0 | | WMW-1 | Start WMW-1 |
| 2:31 | 300 | | 7.0 | 10.0 | Cem. | Start Cement @ 14.8/PPG |
| 2:47 | 0 | | 0 | 105.4 | Cem. | All Cement - Shut Down |
| | | | | | H ₂ O | Wash Pumps & lines |
| 2:56 | 300 | | 9.5 | | 2% C.I. | Drop Plug & Start 2% C.I. |
| 3:11 | 500 | | 7.5 | 111.0 | 2% C.I. | Catch Cement |
| 3:17 | 850 | | 2.7 | 145.0 | 2% C.I. | Slow Rate |
| 3:24 | 2000 | | 0 | 161.0 | 2% C.I. | Bump Plug - Bleed Back - Float OK |

RECEIVED
STATE CORPORATION COMMISSION
MAR 0 3 1995

| | | | | | | | |
|-------------|------------------|-------------------|-------------------|----------------------------|-----------------|-----------------|-----------------------|
| BUMPED PLUG | PSI TO BUMP PLUG | TEST FLOAT EQUIP. | TOTAL Bbl. PUMPED | Bbl. CMT RETURNS/ REVERSED | PSI LEFT ON CSG | SPOT TOP CEMENT | SER. SUP. |
| Y | 1600 | Y | 267 | | | 5000 | G. Burchett |
| | | | | | | | CUSTOMER REP. S. King |