

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

Operator: License # 6769  
 Name: Westmore Drilling Co., Inc.  
 Address: 1614 Cypress Point Drive  
 City/State/Zip: Lawrence Kansas 66047-1721

Purchaser: \_\_\_\_\_  
 Operator Contact Person: Gordon Penny  
 Phone: (913) 479-3712  
 Contractor: Name: Duke Drilling Co., Inc.  
 License: 5929  
 Wellsite Geologist: Jerry Smith

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SVD  SIOV  Temp. Abd.  
 Gas  ENHR  SIGV  
 Dry  Other (Core, WSV, Expl., Cathodic, etc)

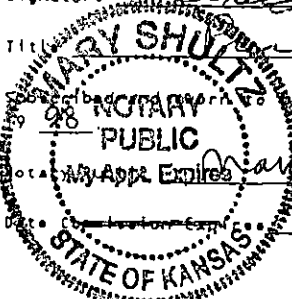
If Workover/Re-Entry: old well info as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to inj/SVD  
 Plug Back  PBTD  
 Cemented Docket No. \_\_\_\_\_  
 Dual Completion Docket No. \_\_\_\_\_  
 Other (SVD or Inj?) Docket No. \_\_\_\_\_  
12-05-97 12-13-97 12-13-97  
 Spud Date Date Reached TD Completion Date

API NO. 15- 007-22555 0000  
 County Barber County, Kansas  
 NW NW NE NE Sec. 26 Twp. 34S Rng. 15 XX V  
4950 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 Davis Ranch Well # 3-26  
 Field Name Aetna  
 Producing Formation \_\_\_\_\_  
 Elevation: Ground 1568' KA 1581'  
 Total Depth 4856' PBTD 5000'  
 Amount of Surface Pipe Set and Cemented at 404.52 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from \_\_\_\_\_  
 feet depth to \_\_\_\_\_ v/ \_\_\_\_\_ xx cwt  
 Drilling Fluid Management Plan DHA, 4-30-98 U.C.  
 (Data must be collected from the Reserve Pit)  
 Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used \_\_\_\_\_  
 Location of fluid disposal if hauled offsite \_\_\_\_\_  
 Operator Name \_\_\_\_\_  
 Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/V \_\_\_\_\_  
 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 Gordon Penny  
 Title \_\_\_\_\_ Date \_\_\_\_\_  
 before me this 5th day of January  
 Notary Public Mary Shuey  
8/14/99



K.C.C. OFFICE USE ONLY

F  Letter of Confidentiality Attached  
 C  Wireline Log Received  
 C  Geologist Report Received

Distribution  
 KCC  SVD/Rep  KGPA  
 KGS  Plug  Other (Specify)

Operator Name Westmore Drilling Co., Inc.

Lease Name Davis Ranch

Well # 3-26

Sec. 26 Twp. 34S Rge. 15

East  
 West

County Barber 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  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 E.Logs Run:

*NONE*

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Huebner	3948	-2367
Lansing	4149	-2568
B/KC	4642	-3061
Cherokee Sh	4755	-3174
MISS	4777	-3196

CASING RECORD

New  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"	23#	404.52'	Lite&Class A	125&100	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 <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SVD or Inj. *D+A* Producing Method  Flowing  Pumping  Gas Lift  Other *D+A* (Explain)

Estimated Production Per 24 Hours Oil *N/A* Bbls. Gas Mcf Water Bbls Gas Oil Ratio Gravity

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



# ALLIED CEMENTING CO., INC.

9712

Federal Tax I.D.# 48-0727860

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

ORIGINAL

SERVICE POINT:

*Great Bend, Ks*

DATE <i>12-6-97</i>	SEC. <i>26</i>	TWP. <i>34-S</i>	RANGE <i>15W</i>	CALLED OUT <i>3:30AM</i>	ON LOCATION <i>9:30AM</i>	JOB START <i>11:00AM</i>	JOB FINISH <i>12:10PM</i>
DAVIS RANCH LEASE		WELL # <i>3-26</i>	LOCATION <i>Hwy 160 E Deerhead jct. 15-5 to</i>		COUNTY <i>Barber</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one) <u>NEW</u>			<i>cattle guard 3 1/2 E 3-S 1-W 1/2 N into</i>				

CONTRACTOR *Duke Drilling Rig #7*  
 TYPE OF JOB *Surface casing*  
 HOLE SIZE *12 1/4"* T.D. *1000'*  
 CASING SIZE *8 5/8"* DEPTH *405'*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX *600#* MINIMUM *200#*  
 MEAS. LINE SHOE JOINT *29'*  
 CEMENT LEFT IN CSG. *29'*  
 PERFS.  
 DISPLACEMENT *25 BBLS.*

OWNER *Same*

CEMENT  
 AMOUNT ORDERED *(split order) 125 ax lite @ 3% cc + 1/4" flo seal per sk 200 ax class A @ 3% cc & 2% gel (Total used 125 ax lite & 100 ax class A)*

COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

REMARKS:

*Break circulation @ rig pump @ 11:00AM  
 Mixed 125 ax lite cement @ 3% cc & 1/4" flo seal per sk, followed by 100 ax class A @ 3% cc & 2% gel - Released plug & displaced down @ 25 BBLS fresh H2O Landed plug @ 12:10PM @ 600# pressure  
 'Cement did circulate' ✓*

SERVICE

DEPTH OF JOB *405'*  
 PUMP TRUCK CHARGE *JAN 7 1998*  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 PLUG *Wichita @ 11000* \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: *Westmore Drilling*  
 STREET *1614 Cypress Point Drive*  
 CITY *Lawrence* STATE *Ks* ZIP *66047-1721*

FLOAT EQUIPMENT

*(1) 8 5/8" - Baffle plate @ \_\_\_\_\_  
 (1) 8 5/8" - Centralizer @ \_\_\_\_\_  
 (2) 8 5/8" - Baskets @ \_\_\_\_\_  
 (1) 8 5/8" - Solid rubber plug @ \_\_\_\_\_*

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 \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE *Kenneth M. McGuire*

*KENNETH M. MCGUIRE*  
 PRINTED NAME

*Thank You!*



## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:** 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



# ALLIED CEMENTING CO., INC. 5562

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

ORIGINAL SERVICE POINT: med. lodge, ks.

DATE <u>12-13-97</u>	SEC. <u>26</u>	TWP. <u>34S</u>	RANGE <u>15W</u>	CALLED OUT <u>9:00 A.M.</u>	ON LOCATION <u>12:00 P.M.</u>	JOB START <u>1:00 P.M.</u>	JOB FINISH <u>3:00 P.M.</u>
LEASE <u>Dry Ranch</u>	WELL # <u>3-26</u>	LOCATION <u>604 Deerhead RD. 1/2 S. 3/2 E.</u>		COUNTY <u>Barber</u>	STATE <u>Ks.</u>		
OLD OR NEW (Circle one) <u>3s-1w-1n</u>							

CONTRACTOR Duke #7  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE 7 7/8 T.D. 4856  
 CASING SIZE 8 5/8 DEPTH 405  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 x hole DEPTH 4.30'  
 TOOL DEPTH  
 PRES. MAX 100 MINIMUM 50  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERFS.

OWNER Westmore Drq. Co  
 CEMENT

AMOUNT ORDERED 855x 60/40/16% Gel

**EQUIPMENT**

PUMP TRUCK CEMENTER Larry Dreiling  
 # 233-302 HELPER Justin Hart  
 BULK TRUCK  
 # 242 DRIVER John Kelley  
 BULK TRUCK  
 # DRIVER

COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 @  
 @  
 @  
 @  
 @  
 HANDLING @  
 MILEAGE

TOTAL \_\_\_\_\_

**REMARKS:**

**SERVICE**

505x - 4.30'  
105x -  
155x - Rathole  
105x - mousehole  
Cemented w/ 855x - 60/40/16% Gel

DEPTH OF JOB 4.30  
 PUMP TRUCK CHARGE  
 EXTRA FOOTAGE @  
 MILEAGE @  
 PLUG 8 5/8 Dry Hole @  
 @

TOTAL \_\_\_\_\_

CHARGE TO: Westmore Drq. Co.  
 STREET  
 CITY STATE ZIP

RECEIVED  
 STATE COOPERATION DIVISION  
**FLOAT EQUIPMENT**

JAN 7 1998

CONSERVATION DIVISION  
 Wichita, Kansas

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ 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 Kenneth McGuire

KENNETH MCGUIRE



## GENERAL TERMS AND CONDITIONS

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—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

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(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

**WARRANTIES:** 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the wilful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

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

API NO. 15- 007-22555 0000

County Barber County, Kansas

NW NE NW NE Sec. 26 Twp. 34S Rge. 15 XX

4950 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 Davis Ranch Well # 3-26

Field Name Aetna

Producing Formation \_\_\_\_\_

Elevation: Ground 1568' to 1581'

Total Depth 4856' PBD 5000'

Amount of Surface Pipe Set and Cemented at 404.52 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/ \_\_\_\_\_ xx cmt

Drilling Fluid Management Plan D-A, 4-30-98 U.C.  
(Data must be collected from the Reserve)

Operator: License # 6769

Name: Westmore Drilling Co., Inc.

Address 1614 Cypress Point Drive

City/State/Zip Lawrence Kansas 66047-1721

Purchaser: \_\_\_\_\_

Operator Contact Person: Gordon Penny

Phone ( 913 ) 479-3712

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Jerry Smith

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SIOV  Temp. Abd.  
 Gas  ENHR  SIGV  
 Dry  Other (Core, WSV, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info follows

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SVD  
 Plug Back  PBD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SVD or Inj?)  Docket No. \_\_\_\_\_

12-05-97 12-13-97 12-13-97

Spud Date Date Reached TD Completion Date

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Desludging method used \_\_\_\_\_

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.

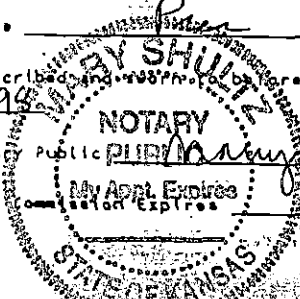
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Gordon Penny

Title \_\_\_\_\_ Date \_\_\_\_\_

Subscribed and sworn to before me this 5 day of January

Notary Public Jerry Shultz  
My Comm. Expires 8/14/99



E. C. C. OFFICE, USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
G  Geologist Report Received  
JAW Distribution  
KCC SWD/Rep NGPA  
ECS Plug Other  
(Specify)



Operator Name Westmore Drilling Co., Inc. Lease Name Davis Ranch Well # 3-26

Sec. 26 Twp. 34S Rge. 15  East  West  
 County Barber 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  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 E.Logs Run:

Name	Formation (Top)	Depth	Datum	Sample
Heebner		3948	-2367	
Lansing		4149	-2568	
B/KC		4642	-3061	
Cherokee Sh		4755	-3174	
MISS		4777	-3196	

NONE **COPY**

CASING RECORD  New  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"	23#	404.52'	Lite&Class A	125&100	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

Date of First Resumed Production, SWD or Inj. D&A Producing Method  Flowing  Pumping  DIAPHRAGMATIC  Other (Explain) D&A

Estimated Production Per 24 Hours Oil N-A Bbls. Gas Mcf Water Bbls. COMPLETION DIA Wichita, Kans Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (if vented, submit ACD-18)  
 METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Cemented  Other (Specify) \_\_\_\_\_  
 Production Interval \_\_\_\_\_

ORIGINAL

WELL NAME:

Davis Ranch #3-26

COMPANY:

Westmore Drilling Co. Inc

LOCATION:

26-34S-15W

Barber County, Kansas

DATE:

12/15/97

15-007-22555

TRILOBITE TESTING L.L.C.

Westmore Drlg. Co., Inc.  
 WELL NAME: Davis Ranch #3-26  
 LOCATION: 26-34S-15W Barber Co KS  
 INTERVAL: 4533.00 To 4553.00 ft

DATE 12-11-97  
 KB 1581.00 ft TICKET NO: 10883 DST #1  
 GR 1568.00 ft FORMATION: K.C.Swope  
 TD 4553.00 ft TEST TYPE: CONV.

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10270	10270	3027			PF Fr. 2355 to 0025 hr
SI 45 Range (Psi)	4150.0	4150.0	4995.0	0.0	0.0	IS Fr. 0025 to 0110 hr
SF 30 Clock (hrs)	12 hr	12hr.	elect			SF Fr. 0110 to 0140 hr
FS 45 Depth (ft)	4548.0	4548.0	4335.0	0.0	0.0	FS Fr. 0140 to 0225 hr

	Field	1	2	3	4	
A. Init Hydro	2222.0	2181.0	2173.0	0.0	0.0	T STARTED 2245 hr
B. First Flow	72.0	83.0	33.0	0.0	0.0	T ON BOTM 2350 hr
B1. Final Flow	62.0	84.0	65.0	0.0	0.0	T OPEN 2355 hr
C. In Shut-in	1713.0	1716.0	1704.0	0.0	0.0	T PULLED 0225 hr
D. Init. Flow	114.0	120.0	65.0	0.0	0.0	T OUT 0330 hr
E. Final Flow	114.0	125.0	96.0	0.0	0.0	
E. Fl Shut-in	1661.0	1682.0	1683.0	0.0	0.0	
G. Final Hydro	2212.0	2225.0	2130.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----

Tool Wt.	2900.0
Wt Set On Packer	20000.0
Wt Pulled Loose	68000.0
Initial Str Wt	62000.0
Unseated Str Wt	65000.0
Bot Choke	0.7
Hole Size	7.7
D Col. ID	2.2
D. Pipe ID	3.8
D.C. Length	270.0
D.P. Length	4263.0

RECOVERY

Tot Fluid 155.00 ft of 155.00 ft in DC and 0.00 ft in DP  
 590.00 ft of Gas in pipe  
 30.00 ft of Mud  
 125.00 ft of Muddy water 70%water 30% mud  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of

SPINITY 84000.00 P.P.M. A.P.I. Gravity 0.00

DESCRIPTION

Flow  
 building to a strong blow  
 minutes  
 back on shutin

building to a fair blow  
 blow

MUD DATA-----

Mud Type	Chemical
Weight	9.2
Vis.	43.0
W.L.	9.0
F.C.	0.0
Mud Drop	

Amt. of fill	0.0
Btm. H. Temp.	117.0
Hole Condition	good
% Porosity	0.0
Packer Size	6.0
No. of Packers	2
Cushion Amt.	0.0
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Ray Schwag
Co. Rep.	Jerry A.Smi
Contr.	Duke Drlg
Rig #	
Unit #	
Pump T.	

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONV.

L NAME: Davis Ranch #3-26

ATION : 26-34S-15W Barber Co KS

KET No. 10883 D.S.T. No. 1 DATE 12-11-97

AL TOOL TO BOTTOM OF TOP PACKERS ..... 24

ERVAL TOOL .....

TOM PACKERS AND ANCHOR ..... 20

AL TOOL ..... 44

LL COLLAR ANCHOR IN INTERVAL .....

. ANCHOR STND.	Stands	Single	Total
----------------	--------	--------	-------

. ANCHOR STND.	Stands	Single	Total
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AL ASSEMBLY .....

. ABOVE TOOLS.	Stands	4	Single	1	Total	270
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. ABOVE TOOLS.	Stands	Single	Total	4263
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AL DRILL COLLARS DRILL PIPE & TOOLS .. 4577

AL DEPTH ..... 4553

AL DRILL PIPE ABOVE K.B. .... 24

ARKS:

P.O. SUB	4509
C.O. SUB	4509
S.I. TOOL	4515
HMV	4520
JARS	
SAFETY JOINT	4525
PACKER	4528
PACKER	4533
DEPTH	
STUBB	
ANCHOR	
T.C.	
DEPTH	
1'perf	4534
1' "	4535
5' "	4540
5' "	4545
4' "	4549
BULLNOSE 2' "	4551
T.D. 2' Bullplug	4553



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING  
 TEST: Tkt#10883 DST#1 Davis Ranch #3-26 Westmore Drlg.Co., Inc.  
 DATE: 12/11/97 TIME: 22:42:26

	Time	Pressure PSI <sub>g</sub>	delta P PSI <sub>g</sub>	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10
***** Initial Hydro.	128.50	2173.5	0.0	107.05		
***** Start Flow 1	0.00	33.5	0.0	107.78		
	0.50	23.5	-10.0	107.87		
	1.00	25.1	-8.5	107.98		
	1.50	25.8	-7.8	108.08		
	2.00	27.3	-6.2	108.18		
	2.50	28.5	-5.0	108.28		
	3.00	29.3	-4.2	108.35		
	3.50	29.7	-3.9	108.46		
	4.00	30.9	-2.6	108.53		
	4.50	31.7	-1.8	108.61		
	5.00	32.5	-1.1	108.66		
	5.50	33.2	-0.4	108.73		
	6.00	33.6	0.1	108.79		
	6.50	34.6	1.0	108.83		
	7.00	35.0	1.4	108.92		
	7.50	35.6	2.1	108.92		
	8.00	36.3	2.7	108.94		
	8.50	36.7	3.2	108.96		
	9.00	37.3	3.7	109.03		
	9.50	38.2	4.6	109.06		
	10.00	38.7	5.1	109.09		
	10.50	39.5	5.9	109.13		
	11.00	39.6	6.0	109.17		
	11.50	40.5	6.9	109.20		
	12.00	41.1	7.6	109.23		
	12.50	41.5	7.9	109.25		
	13.00	42.2	8.7	109.27		
	13.50	43.0	9.4	109.30		
	14.00	43.4	9.9	109.35		
	14.50	44.0	10.4	109.38		
	15.00	44.3	10.8	109.41		
	15.50	45.0	11.4	109.43		
	16.00	45.3	11.7	109.45		
	16.50	46.1	12.6	109.48		
	17.00	46.4	12.9	109.51		
	17.50	46.8	13.3	109.53		
	18.00	47.6	14.1	109.55		
	18.50	47.8	14.2	109.57		
	19.00	48.3	14.8	109.60		
	19.50	48.8	15.2	109.63		
	20.00	49.4	15.8	109.65		
	20.50	49.7	16.2	109.69		
	21.00	50.1	16.6	109.73		
	21.50	50.7	17.1	109.75		
	22.00	51.1	17.5	109.76		
	22.50	51.6	18.0	109.80		
	23.00	52.1	18.5	109.82		
	23.50	52.4	18.9	109.84		
	24.00	53.0	19.5	109.89		
	24.50	53.4	19.8	109.91		

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING  
 TEST: Tkt#10883 DST#1 Davis Ranch #3-26 Westmore Drlg.Co., Inc.  
 DATE: 12/11/97 TIME: 22:42:26  
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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10'
	25.00	53.8	20.3	109.94		
	25.50	54.4	20.8	109.95		
	26.00	54.9	21.4	109.97		
	26.50	55.2	21.6	109.99		
	27.00	55.8	22.3	110.02		
	27.50	56.3	22.8	110.02		
	28.00	56.6	23.1	110.06		
	28.50	57.1	23.5	110.08		
	29.00	57.5	24.0	110.08		
	29.50	58.1	24.6	110.10		
	30.00	58.4	24.9	110.13		
***** End Flow 1	30.50	65.6	32.0	110.15		
***** Start Shutin 1	0.00	65.6	0.0	110.15	0.0000	0.004
	0.50	91.1	25.6	110.16	62.0000	0.008
	1.00	120.2	54.6	110.19	31.5000	0.014
	1.50	154.8	89.2	110.19	21.3333	0.024
	2.00	201.5	135.9	110.21	16.2500	0.041
	2.50	261.0	195.4	110.24	13.2000	0.068
	3.00	336.5	270.9	110.28	11.1667	0.113
	3.50	429.5	364.0	110.31	9.7143	0.184
	4.00	539.2	473.6	110.34	8.6250	0.291
	4.50	659.9	594.3	110.36	7.7778	0.435
	5.00	780.7	715.2	110.39	7.1000	0.610
	5.50	890.4	824.9	110.42	6.5455	0.793
	6.00	983.8	918.2	110.46	6.0833	0.968
	6.50	1062.2	996.6	110.51	5.6923	1.128
	7.00	1127.6	1062.0	110.56	5.3571	1.272
	7.50	1182.3	1116.7	110.61	5.0667	1.398
	8.00	1228.5	1162.9	110.66	4.8125	1.509
	8.50	1268.0	1202.4	110.71	4.5882	1.608
	9.00	1302.1	1236.5	110.76	4.3889	1.696
	9.50	1331.8	1266.2	110.80	4.2105	1.774
	10.00	1357.9	1292.3	110.86	4.0500	1.844
	10.50	1381.0	1315.5	110.78	3.9048	1.907
	11.00	1401.8	1336.2	110.94	3.7727	1.965
	11.50	1420.3	1354.7	110.99	3.6522	2.017
	12.00	1437.2	1371.6	111.03	3.5417	2.065
	12.50	1452.5	1387.0	111.09	3.4400	2.110
	13.00	1466.6	1401.0	111.14	3.3462	2.151
	13.50	1479.4	1413.8	111.17	3.2593	2.189
	14.00	1491.3	1425.7	111.21	3.1786	2.224
	14.50	1502.3	1436.7	111.26	3.1034	2.257
	15.00	1512.4	1446.8	111.33	3.0333	2.287
	15.50	1521.9	1456.3	111.37	2.9677	2.316
	16.00	1530.7	1465.1	111.40	2.9062	2.343
	16.50	1538.9	1473.3	111.40	2.8485	2.368
	17.00	1546.6	1481.0	111.41	2.7941	2.392
	17.50	1553.9	1488.3	111.43	2.7429	2.414
	18.00	1560.7	1495.1	111.46	2.6944	2.436
	18.50	1567.2	1501.6	111.51	2.6486	2.456
	19.00	1573.3	1507.7	111.55	2.6053	2.475

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: Tkt#10883 DST#1 Davis Ranch #3-26 Westmore Drlg.Co., Inc.

DATE: 12/11/97

TIME: 22:42:26

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^4
19.50	1579.1	1513.5	111.58	2.5641	2.494
20.00	1584.6	1519.1	111.61	2.5250	2.511
20.50	1589.9	1524.3	111.63	2.4878	2.528
21.00	1595.0	1529.4	111.67	2.4524	2.544
21.50	1599.8	1534.2	111.70	2.4186	2.559
22.00	1604.4	1538.8	111.72	2.3864	2.574
22.50	1608.8	1543.3	111.77	2.3556	2.588
23.00	1613.1	1547.5	111.78	2.3261	2.602
23.50	1617.2	1551.7	111.80	2.2979	2.615
24.00	1621.1	1555.6	111.83	2.2708	2.628
24.50	1625.0	1559.4	111.87	2.2449	2.641
25.00	1628.7	1563.1	111.87	2.2200	2.653
25.50	1632.1	1566.5	111.93	2.1961	2.664
26.00	1635.6	1570.0	111.93	2.1731	2.675
26.50	1639.0	1573.4	111.95	2.1509	2.686
27.00	1642.2	1576.6	111.98	2.1296	2.697
27.50	1645.3	1579.7	112.00	2.1091	2.707
28.00	1648.4	1582.8	112.03	2.0893	2.717
28.50	1651.3	1585.8	112.06	2.0702	2.727
29.00	1654.2	1588.6	112.06	2.0517	2.736
29.50	1657.0	1591.4	112.09	2.0339	2.746
30.00	1659.7	1594.1	112.11	2.0167	2.755
30.50	1662.4	1596.8	112.12	2.0000	2.763
31.00	1664.9	1599.4	112.13	1.9839	2.772
31.50	1667.4	1601.8	112.16	1.9683	2.780
32.00	1669.9	1604.3	112.18	1.9531	2.789
32.50	1672.3	1606.7	112.21	1.9385	2.797
33.00	1674.6	1609.1	112.22	1.9242	2.804
33.50	1676.9	1611.4	112.26	1.9104	2.812
34.00	1679.2	1613.6	112.27	1.8971	2.820
34.50	1681.4	1615.8	112.28	1.8841	2.827
35.00	1683.5	1617.9	112.29	1.8714	2.834
35.50	1685.6	1620.0	112.30	1.8592	2.841
36.00	1687.6	1622.1	112.32	1.8472	2.848
36.50	1689.6	1624.0	112.34	1.8356	2.855
37.00	1691.6	1626.0	112.35	1.8243	2.862
37.50	1693.5	1628.0	112.38	1.8133	2.868
38.00	1695.4	1629.8	112.39	1.8026	2.874
38.50	1697.3	1631.7	112.41	1.7922	2.881
39.00	1699.1	1633.5	112.43	1.7821	2.887
39.50	1700.9	1635.3	112.44	1.7722	2.893
40.00	1702.6	1637.0	112.47	1.7625	2.899
40.50	1704.3	1638.7	112.47	1.7531	2.905
41.00	1706.0	1640.4	112.49	1.7439	2.910
41.50	1707.6	1642.1	112.50	1.7349	2.916
42.00	1709.3	1643.7	112.51	1.7262	2.922
42.50	1710.9	1645.3	112.54	1.7176	2.927
43.00	1712.5	1646.9	112.56	1.7093	2.933
43.50	1714.0	1648.4	112.57	1.7011	2.938
44.00	1704.7	1639.2	112.59	1.6932	2.906

\*\*\*\*\* End Shut-in 1

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING  
 TEST: Tkt#10883 DST#1 Davis Ranch #3-26 Westmore Drlg.Co., Inc.  
 DATE: 12/11/97 TIME: 22:42:26

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10'
***** Start Flow 2	0.00	65.9	0.0	112.65		
	0.50	66.7	0.8	112.65		
	1.00	66.8	0.8	112.63		
	1.50	68.6	2.7	112.61		
	2.00	69.2	3.3	112.61		
	2.50	69.8	3.9	112.63		
	3.00	70.2	4.3	112.67		
	3.50	71.0	5.1	112.74		
	4.00	71.2	5.3	112.80		
	4.50	71.7	5.8	112.87		
	5.00	72.4	6.5	112.93		
	5.50	72.7	6.8	113.05		
	6.00	73.2	7.3	113.11		
	6.50	73.7	7.8	113.19		
	7.00	74.1	8.2	113.26		
	7.50	74.5	8.5	113.32		
	8.00	75.0	9.0	113.40		
	8.50	75.5	9.6	113.47		
	9.00	75.8	9.9	113.53		
	9.50	76.4	10.5	113.57		
	10.00	76.7	10.8	113.62		
	10.50	77.3	11.4	113.67		
	11.00	77.6	11.7	113.71		
	11.50	78.4	12.5	113.75		
	12.00	78.8	12.9	113.78		
	12.50	79.7	13.7	113.80		
	13.00	80.3	14.4	113.84		
	13.50	80.7	14.7	113.88		
	14.00	81.3	15.4	113.87		
	14.50	81.8	15.8	113.88		
	15.00	82.4	16.4	113.88		
	15.50	82.5	16.6	113.88		
	16.00	83.2	17.3	113.88		
	16.50	83.8	17.8	113.88		
	17.00	84.0	18.1	113.88		
	17.50	84.7	18.7	113.88		
	18.00	85.1	19.1	113.89		
	18.50	85.6	19.7	113.93		
	19.00	86.2	20.2	113.95		
	19.50	86.6	20.6	113.96		
	20.00	87.2	21.2	113.97		
	20.50	87.4	21.5	114.01		
	21.00	87.8	21.9	114.01		
	21.50	88.3	22.4	114.04		
	22.00	88.7	22.8	114.06		
	22.50	89.1	23.2	114.09		
	23.00	89.5	23.6	114.11		
	23.50	90.1	24.1	114.14		
	24.00	90.6	24.7	114.15		
	24.50	91.0	25.0	114.18		
	25.00	91.3	25.4	114.22		
	25.50	91.7	25.8	114.25		



ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: Tkt#10883 DST#1 Davis Ranch #3-26 Westmore Drlg.Co., Inc.  
 DATE: 12/11/97 TIME: 22:42:26

6

	Time	Pressure PSI <sub>g</sub>	delta P PSI <sub>g</sub>	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	26.00	92.2	26.3	114.30		
	26.50	92.6	26.7	114.36		
	27.00	93.1	27.2	114.44		
	27.50	93.5	27.5	114.52		
	28.00	94.1	28.1	114.63		
	28.50	94.3	28.4	114.74		
	29.00	94.7	28.7	114.85		
	29.50	95.1	29.2	114.99		
	30.00	95.5	29.6	115.11		
	30.50	95.8	29.9	115.22		
***** End Flow 2	31.00	96.3	30.4	115.32		
***** Start Shutin 2	0.00	96.3	0.0	115.32	0.0000	0.009
	0.50	97.0	0.7	115.44	124.0000	0.009
	1.00	97.6	1.3	115.54	62.5000	0.01
	1.50	104.1	7.8	115.64	42.0000	0.011
	2.00	132.2	35.9	115.73	31.7500	0.017
	2.50	168.1	71.8	115.80	25.6000	0.028
	3.00	216.0	119.7	115.89	21.5000	0.047
	3.50	281.1	184.9	115.96	18.5714	0.079
	4.00	369.0	272.8	116.04	16.3750	0.136
	4.50	482.4	386.1	116.11	14.6667	0.233
	5.00	611.4	515.1	116.19	13.3000	0.374
	5.50	739.0	642.8	116.28	12.1818	0.546
	6.00	853.8	757.5	116.33	11.2500	0.729
	6.50	951.1	854.8	116.38	10.4615	0.905
	7.00	1031.4	935.1	116.41	9.7857	1.064
	7.50	1097.7	1001.4	116.50	9.2000	1.205
	8.00	1152.8	1056.5	116.57	8.6875	1.329
	8.50	1199.2	1102.9	116.63	8.2353	1.438
	9.00	1238.9	1142.7	116.69	7.8333	1.535
	9.50	1273.3	1177.0	116.73	7.4737	1.621
	10.00	1303.3	1207.0	116.79	7.1500	1.699
	10.50	1329.6	1233.3	116.83	6.8571	1.768
	11.00	1353.1	1256.8	116.87	6.5909	1.831
	11.50	1374.0	1277.7	116.91	6.3478	1.888
	12.00	1392.7	1296.4	116.92	6.1250	1.940
	12.50	1409.5	1313.2	116.97	5.9200	1.987
	13.00	1424.8	1328.5	117.02	5.7308	2.030
	13.50	1438.8	1342.5	117.03	5.5556	2.070
	14.00	1451.5	1355.2	117.04	5.3929	2.107
	14.50	1463.1	1366.8	117.07	5.2414	2.141
	15.00	1473.9	1377.6	117.09	5.1000	2.172
	15.50	1483.9	1387.6	117.11	4.9677	2.202
	16.00	1493.2	1396.9	117.13	4.8438	2.230
	16.50	1501.9	1405.6	117.15	4.7273	2.256
	17.00	1510.0	1413.7	117.16	4.6176	2.280
	17.50	1517.7	1421.4	117.17	4.5143	2.303
	18.00	1524.8	1428.5	117.19	4.4167	2.325
	18.50	1531.6	1435.3	117.19	4.3243	2.346
	19.00	1538.1	1441.8	117.21	4.2368	2.366
	19.50	1544.1	1447.8	117.21	4.1538	2.384

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING  
 TEST: Tkt#10883 DST#1 Davis Ranch #3-26 Westmore Drlg.Co., Inc.  
 DATE: 12/11/97 TIME: 22:42:26

Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P^2/10^
20.00	1549.8	1453.5	117.23	4.0750	2.402
20.50	1555.3	1459.0	117.24	4.0000	2.419
21.00	1560.6	1464.3	117.24	3.9286	2.435
21.50	1565.5	1469.2	117.26	3.8605	2.451
22.00	1570.3	1474.0	117.26	3.7955	2.466
22.50	1574.9	1478.6	117.26	3.7333	2.480
23.00	1579.3	1483.0	117.28	3.6739	2.494
23.50	1583.5	1487.2	117.28	3.6170	2.507
24.00	1587.5	1491.2	117.31	3.5625	2.520
24.50	1591.4	1495.2	117.30	3.5102	2.533
25.00	1595.2	1498.9	117.30	3.4600	2.545
25.50	1598.9	1502.6	117.32	3.4118	2.556
26.00	1602.4	1506.1	117.30	3.3654	2.568
26.50	1605.8	1509.5	117.31	3.3208	2.579
27.00	1609.1	1512.8	117.34	3.2778	2.589
27.50	1612.3	1516.0	117.33	3.2364	2.600
28.00	1615.4	1519.1	117.33	3.1964	2.610
28.50	1618.4	1522.2	117.35	3.1579	2.619
29.00	1621.4	1525.1	117.36	3.1207	2.629
29.50	1624.3	1528.0	117.34	3.0847	2.638
30.00	1627.0	1530.7	117.35	3.0500	2.647
30.50	1629.7	1533.4	117.35	3.0164	2.656
31.00	1632.3	1536.0	117.36	2.9839	2.665
31.50	1634.9	1538.6	117.36	2.9524	2.673
32.00	1637.4	1541.1	117.37	2.9219	2.681
32.50	1639.9	1543.6	117.38	2.8923	2.689
33.00	1642.2	1545.9	117.38	2.8636	2.697
33.50	1644.6	1548.3	117.38	2.8358	2.705
34.00	1646.8	1550.5	117.38	2.8088	2.712
34.50	1649.1	1552.8	117.39	2.7826	2.720
35.00	1651.3	1555.0	117.39	2.7571	2.727
35.50	1653.4	1557.1	117.40	2.7324	2.734
36.00	1655.5	1559.2	117.41	2.7083	2.741
36.50	1657.5	1561.2	117.41	2.6849	2.747
37.00	1659.5	1563.2	117.41	2.6622	2.754
37.50	1661.5	1565.2	117.41	2.6400	2.761
38.00	1663.5	1567.2	117.42	2.6184	2.767
38.50	1665.4	1569.1	117.42	2.5974	2.773
39.00	1667.2	1570.9	117.42	2.5769	2.780
39.50	1669.0	1572.7	117.42	2.5570	2.786
40.00	1670.8	1574.5	117.43	2.5375	2.792
40.50	1672.6	1576.3	117.43	2.5185	2.798
41.00	1674.3	1578.0	117.45	2.5000	2.803
41.50	1676.0	1579.7	117.43	2.4819	2.809
42.00	1677.7	1581.4	117.45	2.4643	2.815
42.50	1679.2	1582.9	117.43	2.4471	2.820
43.00	1680.8	1584.6	117.45	2.4302	2.825
43.50	1682.4	1586.1	117.45	2.4138	2.831
44.00	1684.0	1587.7	117.46	2.3977	2.836
***** End Shut-in 2					
***** Final Hydro.	290.50	2130.2	0.0	117.53	

# TEST HISTORY

Tkt#10883 DST#1 Davis Ranch #3-26 Westmore Drlg.Co., Inc.

Flag Points  
t(Min.) P( PSig)

A:	0.00	2173.46
B:	0.00	33.55
C:	30.50	65.57
D:	44.00	1704.74
E:	0.00	65.93
F:	31.00	96.29
G:	44.00	1683.99
Q:	0.00	2130.16

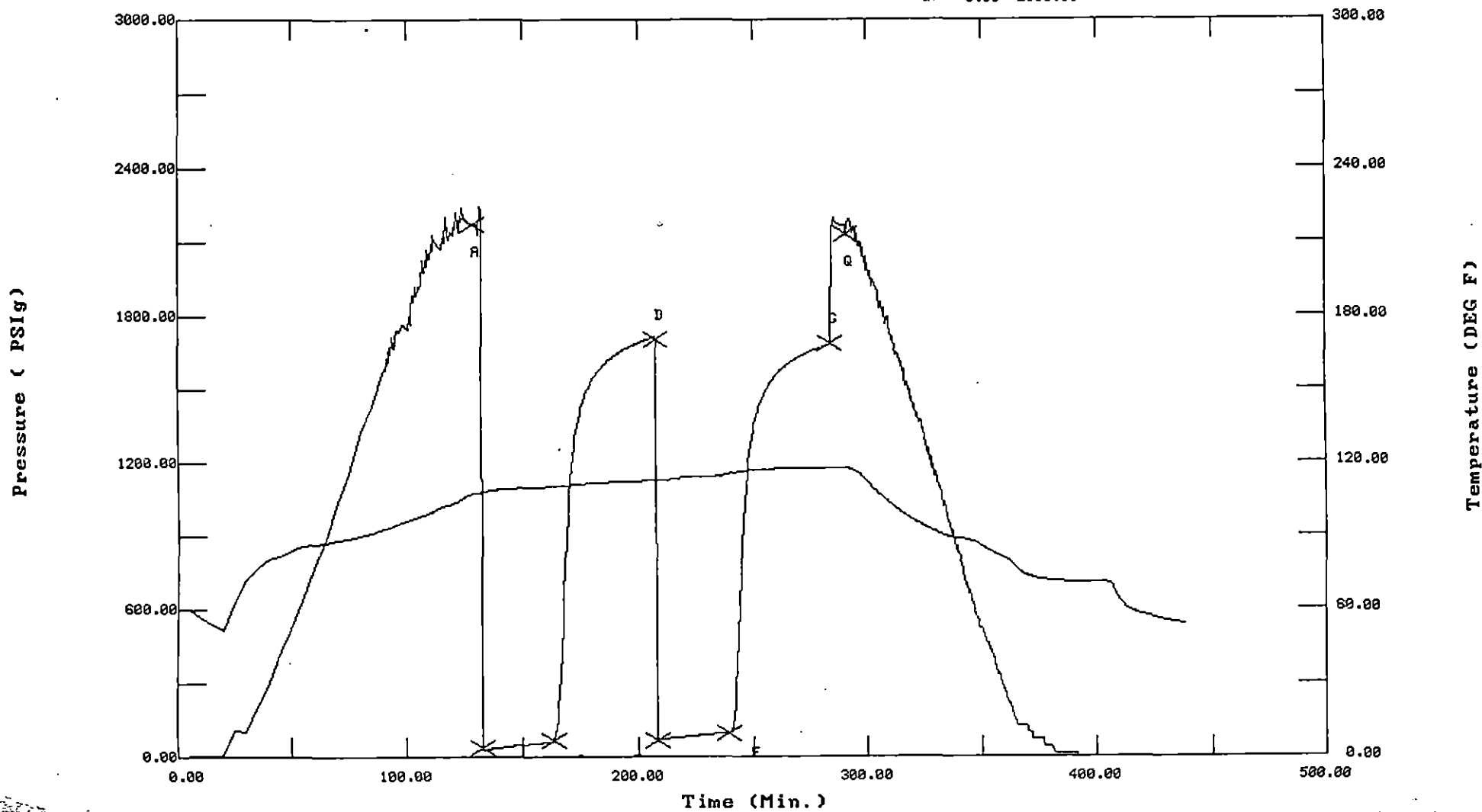
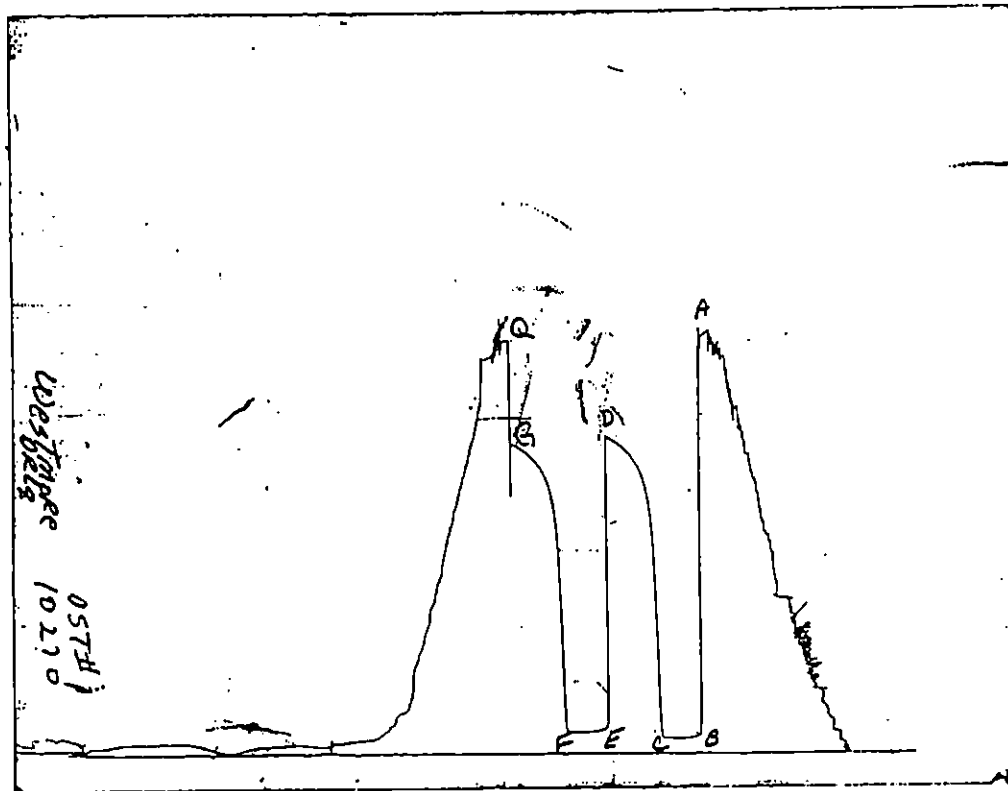


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 10883

Well Name & No. <u>DAVIS Ranch #3-26</u>		Test No. <u>1</u>	Date <u>12-11-97</u>
Company <u>Westmore Drilling Co., Inc</u>		Zone Tested <u>K.C. Suxpe</u>	
Address <u>1614 Cypress Point Drive Lawrence, Ks 67047-1721</u>		Elevation <u>1581</u> KB <u>1568</u> GL	
Co. Rep / Geo. <u>Jerry Smith</u>	Cont. <u>Duke Delg rig 7</u>	Est. Ft. of Pay _____	Por. _____ %
Location: Sec. <u>26</u>	Twp. <u>34<sup>s</sup></u>	Rge. <u>15<sup>w</sup></u>	Co. <u>BARBER</u> State <u>Ks</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____	Evaluation (Y, N) _____

Interval Tested <u>4533-4553</u>	Initial Str Wt/Lbs. <u>62000</u>	Unseated Str Wt/Lbs. <u>65000</u>
Anchor Length <u>20</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>68000</u>
Top Packer Depth <u>4528</u>	Tool Weight <u>2900</u>	
Bottom Packer Depth <u>4533</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>4553</u>	Wt. Pipe Run _____	Drill Collar Run <u>270</u>
Mud Wt. <u>9.2</u> LCM — Vis. <u>43</u> WL <u>9.6</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>4263</u>
Blow Description <u>IFP - WEAK building TO A STRONG Blow in 4 min</u> <u>FFP - WEAK building TO A FAIR Blow 1" TO 4" Blow</u>		

Recovery — Total Feet <u>155</u>	GIP <u>590</u>	Ft. in DC <u>155</u>	Ft. in DP _____
Rec. <u>30</u> Feet Of <u>Mud</u>	%gas _____	%oil _____	%water _____ %mud _____
Rec. <u>125</u> Feet Of <u>Muddy WATER</u>	%gas _____	%oil _____	%water <u>70</u> %mud <u>30</u>
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____

BHT <u>117</u> °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____	°F Chlorides <u>84000</u> ppm Recovery Chlorides <u>7000</u> ppm System		
(A) Initial Hydrostatic Mud <u>2173</u> PSI	Recorder No. <u>3027</u>	T-Started <u>10:45 pm</u>	
(B) First Initial Flow Pressure <u>33</u> PSI	(depth) <u>4335</u>	T-Open <u>11:55 pm</u>	
(C) First Final Flow Pressure <u>65</u> PSI	Recorder No. <u>10270</u>	T-Pulled <u>2:25 AM</u>	
(D) Initial Shut-in Pressure <u>1704</u> PSI	(depth) <u>4548</u>	T-Out _____	
(E) Second Initial Flow Pressure <u>65</u> PSI	Recorder No. _____		
(F) Second Final Flow Pressure <u>96</u> PSI	(depth) _____		
(G) Final Shut-in Pressure <u>1683</u> PSI	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>700</u>	
(H) Final Hydrostatic Mud <u>2130</u> PSI	Initial Shut-in <u>45</u>	Jars _____	
	Final Flow <u>30</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>	
	Final Shut-in <u>45</u>	Straddle _____	
		Circ. Sub _____	
		Sampler _____	
		Extra Packer _____	
		Elect. Rec. <input checked="" type="checkbox"/> <u>150</u>	

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J. Smith