

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

Reed 7-1-97

API NO. 15- 185-23053-0000 **ORIGINAL**

County Stafford

C - E/2 NE - SW Sec. 15 Twp. 22S Rge. 13 X ^E _W

1980 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 Ochel Well # 1

Field Name Kenilworth

Producing Formation None

Elevation: Ground 1889 KB 1898

Total Depth 3250 PBTD _____

Amount of Surface Pipe Set and Cemented at 301 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 cnt.

Drilling Fluid Management Plan D&A JK 8-26-98
(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/W

County _____ Docket No. _____

Operator: License # 32150

Name: W. L. Kirkman

Address 3751 N. Smyser

Wichita, KS 67204

City/State/Zip Wichita, KS 67204

Purchaser: _____

Operator Contact Person: W. L. Kirkman

Phone (316) 838-0093

Contractor: Name: Sterling Drilling Co.

License: 5142

Wellsite Geologist: A. G. Siemens

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

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. _____

7-26-97 7-31-97 7-31-97

Spud Date _____ Date Reached TD _____ Completion Date _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 207B, 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 Operator Date 8-17-98

Subscribed and sworn to before me this 17 day of August, 1998.

Notary Public Susan May

Date Commission Expires 9/23/2001

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 checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other
(Specify)		

SUSAN MAY
Notary Public - State of Kansas
My Appt. Expires 9/23/2001

ORIGINAL

Operator Name W. L. ... Lease Name Dobel Well # 1

Sec. 15 Twp. 22S Rge. 13
 East
 West

County Stafford

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:

Dual Induction
 CNL/CDL

Name	Formation (Top), Depth and Datums		Sample
	Top	Datum	
Henington	1763	+135	
Towanda	1886	+ 12	
Base Florence	2014	-116	
Red Eagle	2238	-440	
Stotler	2648	-650	
Howard	2859	-961	
Topeka	2946	-1048	

CASING RECORD <input 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	24	301	40-60 Poz	225	3% c.c.

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, SWD or Inj.		Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil $\frac{N}{A}$ Bbls.	Gas $\frac{N}{A}$ Mcf	Water $\frac{N}{A}$ Bbls.	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

CUSTOMER COPY



REMIT TO:
 P.O. BOX 951046
 DALLAS, TX 75395-1046
 Corporate FIN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES, INC.

INVOICE NO. 307885	DATE 07/31/19
--------------------	---------------

WELL/LEASE NO./PROJECT OCHEL 1	WELL/PROJECT LOCATION STAFFORD	STATE KS	OWNER WAYNE KIRKMAN
SERVICE LOCATION PRATT	CONTRACTOR STERLING DRILLING	JOB PURPOSE SHOWN BELOW	TICKET DATE 07/31/19
ACCT. NO. 847190	CUSTOMER AGENT V L THOMPSON	VENDOR NO.	CUSTOMER P.O. NUMBER
SHIPPED VIA COMPANY TRUCK		FILE 280	

STERLING DRILL CO
 BOX 129
 STERLING, KS 67579

ORIGINAL

DIRECT CORRESPONDENCE TO:

1102 E. 8TH
 HAYS KS 67601
 913-625-3491

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
JOB PURPOSE - PLUG TO ABANDON					
000-137	MILEAGE CEMENTING ROUND TRIP	59	MI	3.20	188.80
		1	UNT		
090-910	MISCELLANEOUS PUMPING JOB	1	TRK	650.00	650.00
504-136	CEMENT - 40/60 POZNIX STANDARD	135	SK	8.14	1,098.90
507-277	HALLIBURTON-GEL-BENTONITE	5	SK	21.40	107.00
500-207	BULK SERVICE CHARGE	145	GFT	1.55	224.75
500-306	MILEAGE CHRG MAT DEL OR RETURN	156.83	TMI	1.18	185.06
JOB PURPOSE SUBTOTAL					2,454.51
INVOICE SUBTOTAL					2,454.51
DISCOUNT - (BID)					687.25
INVOICE BID AMOUNT					1,767.26
*- KANSAS STATE SALES TAX					86.59
*- PRATT COUNTY SALES TAX					17.67
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$1,871.52

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer agrees to pay attorney fees of 20% of the unpaid account, plus all collection and court costs.

CUSTOMER COPY



REMIT TO: P.O. BOX 951048 DALLAS, TX 75395-1048 Corporate FIN. 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES, INC.

INVOICE NO.	DATE
219289	02/26/19

WELL/LEASE/NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
GCHL 1	STAFFORD	KS	WAYE BIRKMAN
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET/DATE
PRATT	STERLING DRILLING	SHOWN BELOW	07/26/19
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
347190	V. L. THOMPSON		
		SHIPPED VIA	FILE
		COMPANY TRUCK	276

DIRECT CORRESPONDENCE TO:

STERLING DRLLG CO
BOX 129
STERLING, KS 67579

1102 E. 8TH
HAYS KS 67601
913-625-3431

ORIGINAL

REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
JOB PURPOSE - CEMENT SURFACE CASING					
000-117	MILEAGE CEMENTING ROUND TRIP	59	MI	1.20	188.80
		1	UNT		
001-016	CEMENTING CASING	300	FT	696.00	696.00
		1	UNT		
030-503	WOODEN PLUG	1	EA	95.00	95.00
504-136	CEMENT - 40/60 POZMIX STANDARD	225	SK	8.14	1,831.50
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	46.90	281.40
500-207	BULK SERVICE CHARGE	237	CFT	1.55	367.35
500-306	MILEAGE CHIC MAT DEL OR RETURN	225.70	TMI	1.18	325.33
JOB PURPOSE SUBTOTAL					3,785.38
INVOICE SUBTOTAL					3,785.38
DISCOUNT - (BID)					1,059.89
INVOICE BID AMOUNT					2,725.49
* - KANSAS STATE SALES TAX					102.34
* - PRATT COUNTY SALES TAX					20.80
INVOICE TOTAL - PLEASE PAY THIS AMOUNT =====>					\$2,848.77

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest on any unpaid balance from the date payable until paid at the highest lawful contract rate applicable, but never to exceed 18% per annum. In the event Halliburton employs an attorney for collection of any account, Customer

CUSTOMER COPY



REMIT TO:
BOX 961042
DALLAS, TX 75395-1042
Corporate FIN 73-0271280

INVOICE

HALLIBURTON ENERGY SERVICES, INC.

INVOICE NO.	DATE
210289	07/26/14

WELL/LEASE NO./PROJECT	WELL/PROJECT LOCATION	STATE	OWNER
OCHEL 1	STAFFORD	KS	WAYE KIRKMAN
SERVICE LOCATION	CONTRACTOR	JOB PURPOSE	TICKET DATE
PRATT	STERLING DRILLING	SHOWN BELOW	07/26/14
ACCT. NO.	CUSTOMER AGENT	VENDOR NO.	CUSTOMER P.O. NUMBER
847190	V L THOMPSON		
SHIPPED VIA			FILE
COMPANY TRUCK			27

DIRECT CORRESPONDENCE TO:

STERLING DRILL CO
BOX 129
STERLING, KS 67579

ORIGINAL

1102 E. 8TH
HAYS KS 67601
913-625-3431

REFERENCE NO.	DESCRIPTION	QUANTITY	UM	UNIT PRICE	AMOUNT
PRICING AREA - MID CONTINENT					
JOB PURPOSE - CEMENT SURFACE CASING					
000-117	WILEAGE CEMENTING ROUND TRIP	59	MT	3.20	188.8
		1	UNT		
001-016	CEMENTING CASING	300	FT	696.00	696.0
		1	UNT		
030-503	WOODEN PLUG	78	5/8 IN	95.00	95.0
		1	EA		
504-136	CEMENT - 40/60 POZNIX STANDARD	225	SK	8.14	1,831.5
509-406	ANHYDROUS CALCIUM CHLORIDE	6	SK	46.90	281.4
500-207	BULK SERVICE CHARGE	237	CFT	1.55	367.3
500-306	WILEAGE CHTC MAT DEL OR RETURN	275.70	TMT	1.18	325.2
JOB PURPOSE SUBTOTAL					3,785.2
INVOICE SUBTOTAL					3,785.2
DISCOUNT - (RID)					1,059.0
INVOICE NET AMOUNT					2,726.2
*- KANSAS STATE SALES TAX					102.3
*- PRATT COUNTY SALES TAX					20.7
INVOICE TOTAL - PLEASE PAY THIS AMOUNT					\$2,849.2

TERMS: If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials. If customer has an approved open account, invoices are payable on the twentieth day after date of invoice. Customer agrees to pay interest

W. L. KIRKMAN
OIL & GAS DEVELOPMENT

KANSAS CORPORATION COMM.
130 S. MARKET
ROOM 2078
WICHITA, KS. 67202-3802

ATT: MR. JIM HERREN

RE: OCHEL # - 1. CE/2-NE-SW. SECTION 15-22S-13W. STAFFORD COUNTY, KS.

DEAR JIM,

PLEASE REVIEW THE INFORMATION AND CALL FOR ANYTHING I MAY NOT HAVE PROVIDED.

THE INFORMATION ON HAULING OFF THE WATER FROM THE RESERVE WAS SENT TO SAGEBRUSH OPERATING L.L.C. I UNDERSTAND THE NEW ADDRESS IS 1888 SHERMAN STREET. SUITE 500, DENVER, COLO. 80203. PHONE 303-886-0011.

SINCERELY,


WAYNE.

RECEIVED
KANSAS CORP COMM
1997 11 20 10 09 07

W. L. KIRKMAN
OIL & GAS DEVELOPMENT

KANSAS CORPORATION COMM.
130 S. MARKET
ROOM 2078
WICHITA, KS. 67202-3802

AUG. 24, 1998

DEAR JIM,

PLEASE FIND THE LOG YOU REQUESTED. PLEASE CALL ON ANY OTHER MATTER THAT I NEED TO TAKE CARE OF.

SINCERELY,



WAYNE

RECEIVED
KANSAS CORP COMM.
1998 AUG 25 A 11:52

ORIGINAL

DST REPORT

SAGEBRUSH OPERATING

**Ochel #1
DST #1 dated 07/28/1997
1883 to 1913 - - Towanda**

Sec 15-T226-R13W

County: Stafford State: Kansas

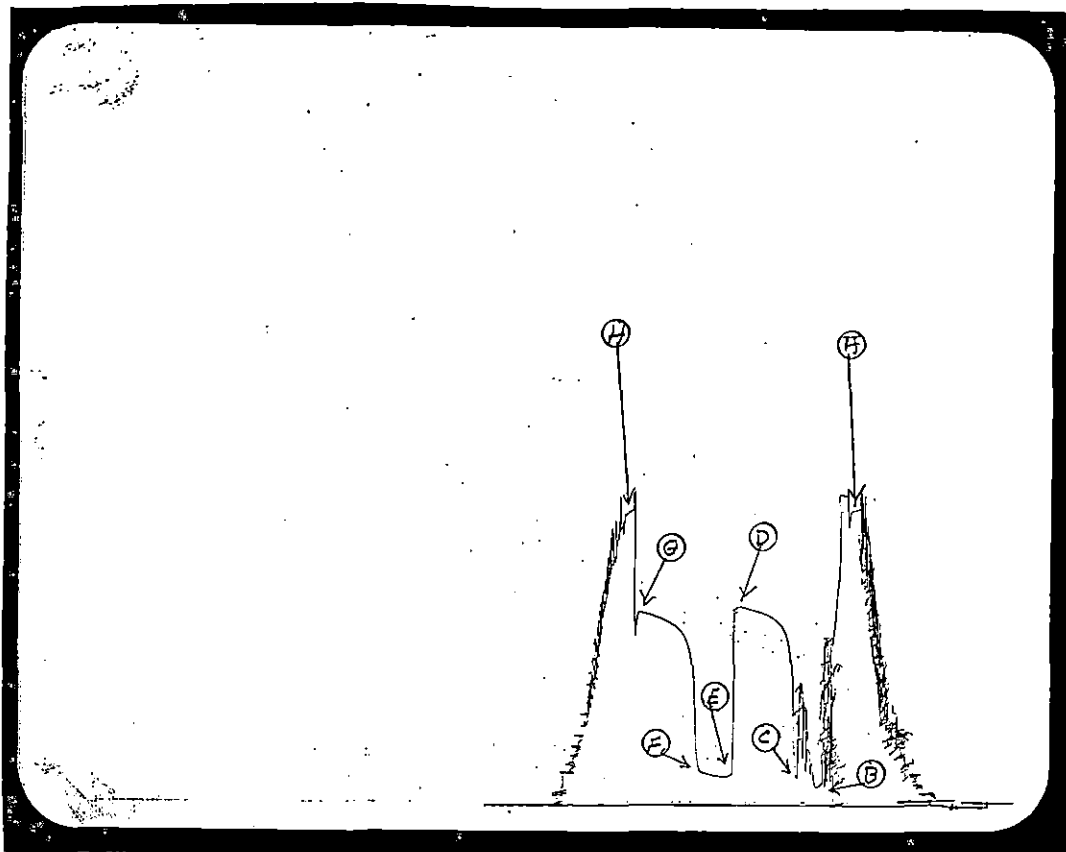
Elevation: 1889 GL

Drilling Contractor: Sterling

Ticket No : 2830

TEST DATA

ORIGINAL



Interval Tested : 1883 ft. to 1913 ft. T.D. = 1913 ft.

Bottom Hole Temp : 95 deg. F Elevation : 1889 GL

BLOW

IF -- Fair blow - 2 inches of wtr
 FF -- Fair blow - 2 inches of wtr

PRESSURES P.S.I.

Initial Hydrostatic Pressure	862		
Initial Flowing Pressure	44 to	72 in	30 mins.
Initial Shut-in Pressure	564 in		45 mins.
Final Flowing Pressure	72 to	88 in	30 mins.
Final Shut-in Pressure	548 in		45 mins.
Final Hydrostatic Pressure	858		

RECOVERY

FEET --- DESCRIPTION

180 Muddy to clean saltwater - Chlor = 83,000 PPM

Liquid flow rate = .88 bbl or 21.1 bbl/day wtr

180 --- TOTAL LIQUID RECOVERY

Ticket No : 2830

ORIGINAL

PRESSURE DATA

Incremental Breakdown of Pressure Data

Test Ticket Number : 2830

Recorder Number : 13771

Recorder Capacity : 2225

Recorder Depth : 1885

Pt.	Initial Flow		Initial Shut-in		Final Flow		Final Shut-in	
	Time (min)	Press. (psig)	Time (min)	Press. (psig)	Time (min)	Press. (psig)	Time (min)	Press. (psig)
1	0	44.1	0	71.6	0	72.2	0	88.2
2	5	49.6	3	195.2	5	72.2	3	145.0
3	10	55.1	6	440.1	10	73.3	6	383.2
4	15	57.9	9	487.2	15	76.1	9	449.4
5	20	66.1	12	507.4	20	81.0	12	476.8
6	25	68.9	15	520.0	25	83.8	15	493.2
7	30	71.6	18	529.9	30	88.2	18	505.8
8			21	537.0			21	512.9
9			24	542.5			24	518.9
10			27	546.3			27	525.5
11			30	549.6			30	529.9
12			33	552.9			33	534.8
13			36	555.6			36	538.6
14			39	558.9			39	542.5
15			42	561.6			42	545.2
16			45	563.8			45	547.9
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								

Ticket No : 2830

ORIGINAL

D.S.T. EVALUATION DATA

D.S.T. Flowrates	Oil	0.00	bbl/day
	Gas	0.00	m.c.f.d
	Wtr	21.10	bbl/day

Permeability-Thickness Product (kh) 19.767 md-ft

Average Permeability (Using 8 ft. effective pay)	(k _e)	2.471	md.
Permeability to Oil	(k _o)	0.000	md.
Permeability to Gas	(k _g)	0.000	md.
Permeability to Water	(k _w)	2.471	md.

Skin Factor -0.48 Flow Efficiency 113.1 % Damage Ratio 0.9

Radius of Investigation 68.13 feet

Reservoir Pressure

Measured	562.55 psia	Extrapolated	622.55 psia
----------	-------------	--------------	-------------

Theoretical Flowrates (Damage Removed)	Oil	0.00	bbl/day
	Gas	0.00	m.c.f.d
	Wtr	18.66	bbl/day

=====

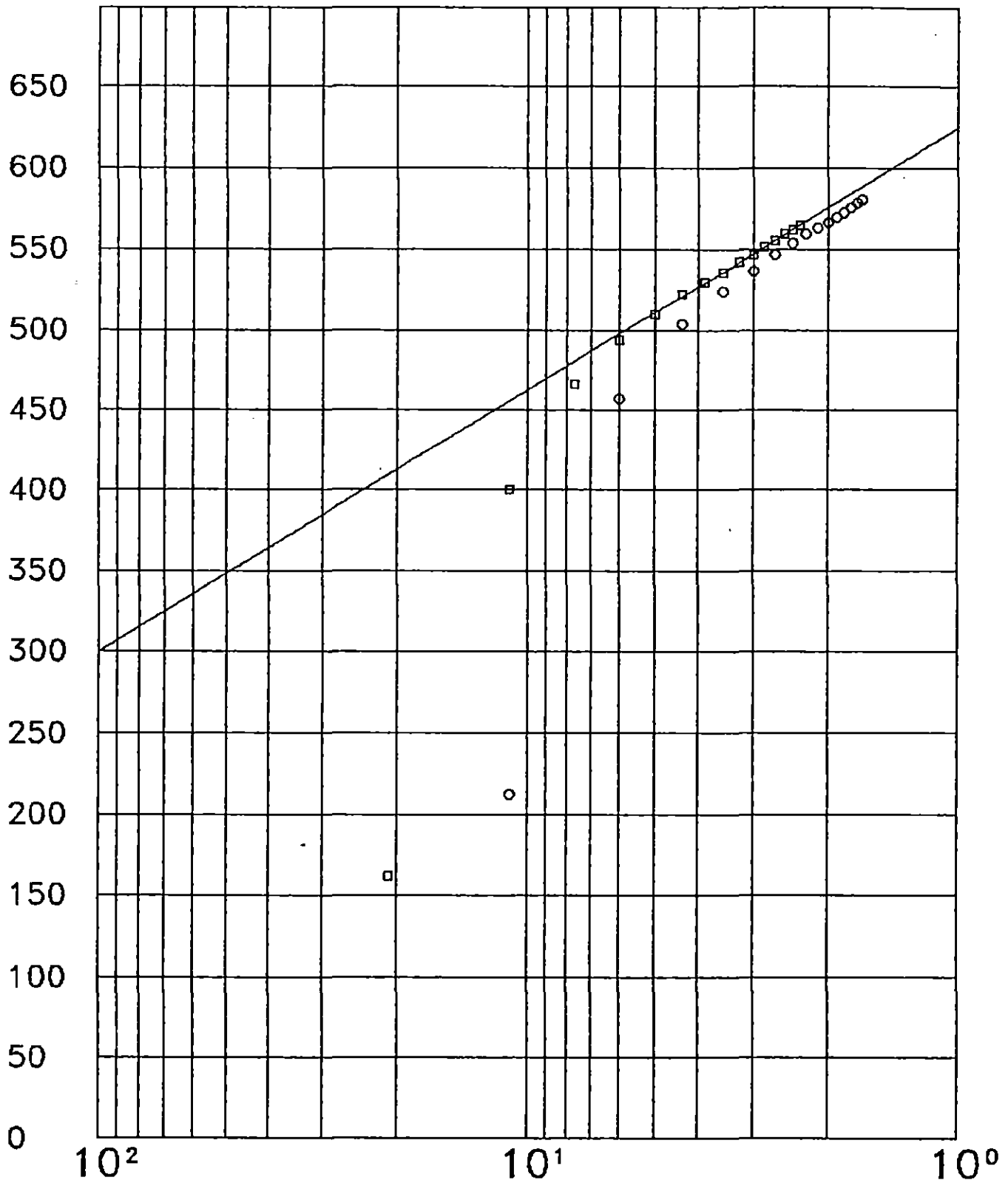
HORNER PLOT

ORIGINAL

Log $(tp+\Delta t)/\Delta t$

M = -162.7

P* = 622.5

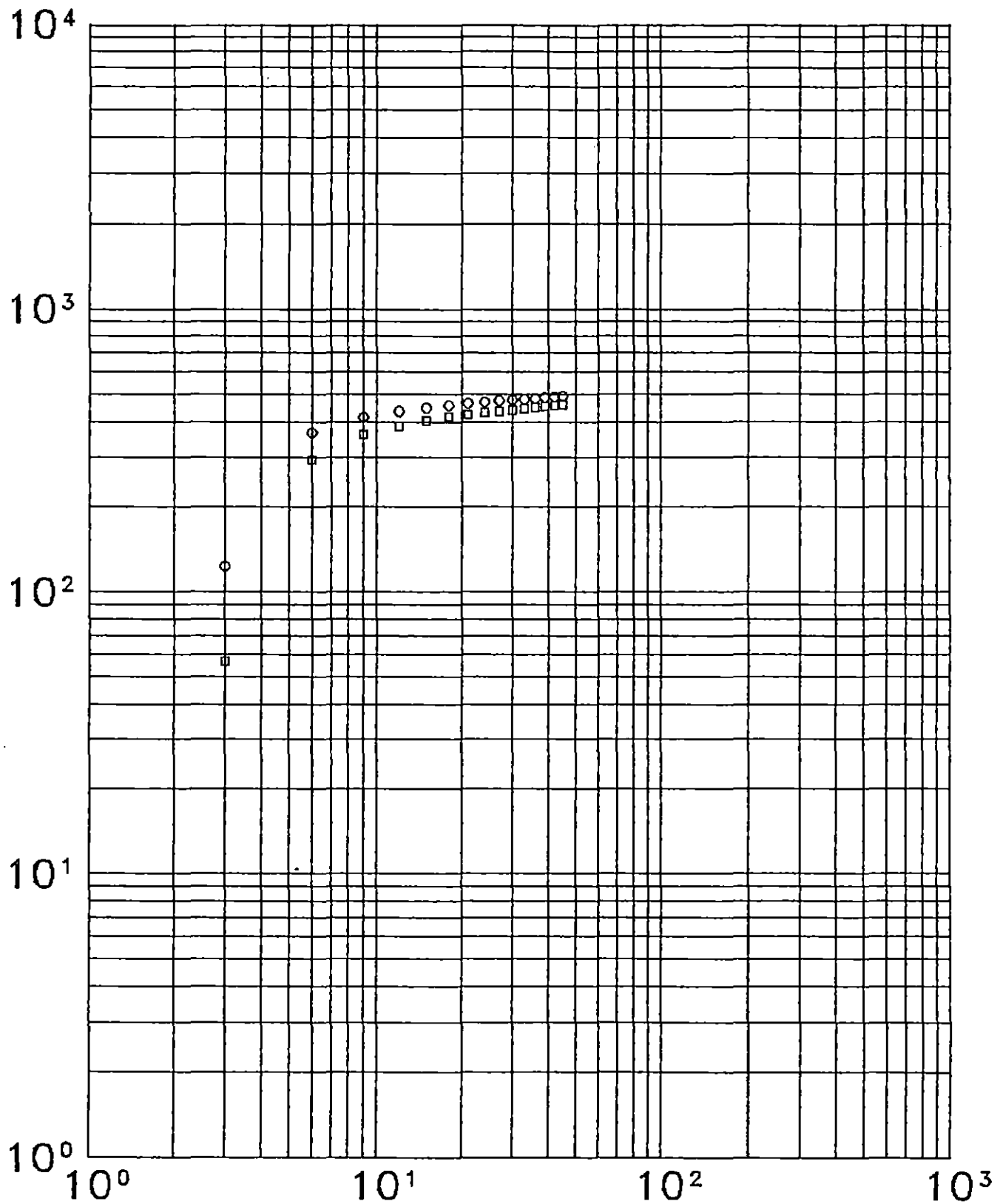


○ - First Shut-in
□ - Second Shut-in

Ticket No. 2830

LOG-LOG DATA PLOT ORIGINAL

Δp vs Δt



○ - First Shut-in
□ - Second Shut-in

Ticket No. 2830

ORIGINAL

DST REPORT

SAGEBRUSH OPERATING

Ochel #1

DST #2 dated 07/28/1997
1975 to 2005 - - Florence

Sec 15-T22S-R13W

County: Stafford State: Kansas

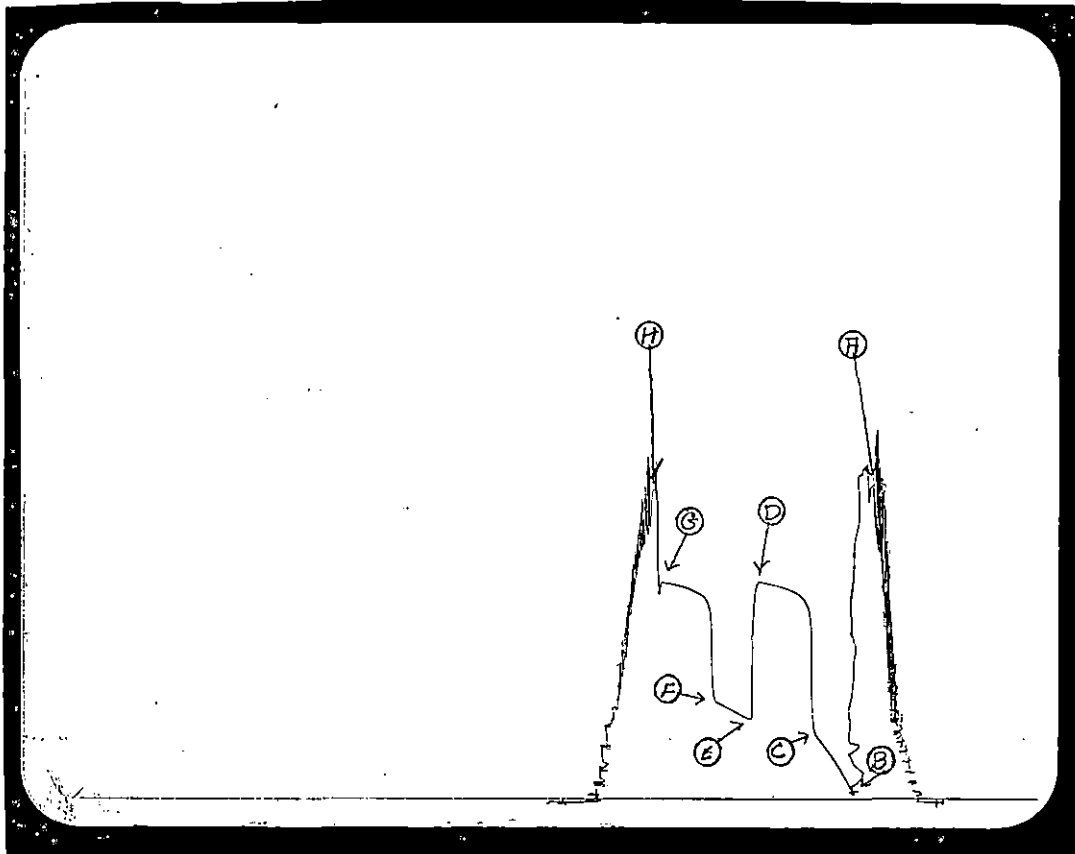
Elevation: 1889 GL

Drilling Contractor: Sterling

Ticket No : 2831

TEST DATA

ORIGINAL



Interval Tested : 1975 ft. to 2005 ft. T.D. = 2005 ft.

Bottom Hole Temp : 97 deg. F Elevation : 1889 GL

BLOW

IF -- Good blow - 14 inches of wtr
 FF -- Good blow - 8 inches of wtr

PRESSURES P.S.I.

Initial Hydrostatic Pressure	911
Initial Flowing Pressure	19 to 184 in 30 mins.
Initial Shut-in Pressure	619 in 45 mins.
Final Flowing Pressure	229 to 276 in 30 mins.
Final Shut-in Pressure	617 in 45 mins.
Final Hydrostatic Pressure	902

RECOVERY

FEET --- DESCRIPTION

610 Muddy to clean saltwater - Chlor = 120,000 PPM

Liquid volume = 6.4 bbl or 153 bbl/day saltwater

610 --- TOTAL LIQUID RECOVERY

Ticket No : 2831

TEST DATA

ORIGINAL

REMARKS

PIT MUD

Mud Type : Chemical Weight : 8.7 lb/gal Chloride : 3000 ppm
 Viscosity : 56 sec/qt Filtrate : 9.6 ml/30 min

DRILL STRING DESCRIPTION

DRILL PIPE -- 1667 FT. X 3.8 ID.
 DRILL COLLARS -- 243 FT. X 2.25 ID.
 TEST TOOLS -- 50 FT. X .75 ID.

BOTTOM HOLE SAMPLER INFORMATION

PRESSURE = psi SAMPLE CHAMBER = cc
 WATER/MUD = cc -
 OIL = cc -
 GAS = Scf -
 TOTAL LIQUID = cc

SURFACE FLOW DATA

Initial Flow Period

Final Flow Period

 Time Press. Orifice Flowrate | Time Press. Orifice Flowrate
 (min) (psia) (in) (MCFD) | (min) (psia) (in) (MCFD)

|

Based on 14.65 psia, 60 Deg. F., 0.600 Specific

Ticket No : 2831

ORIGINAL

PRESSURE DATA

Incremental Breakdown of Pressure Data

Test Ticket Number : 2831

Recorder Number : 13771

Recorder Capacity : 2225

Recorder Depth : 1977

Ft.	Initial Flow		Initial Shut-in		Final Flow		Final Shut-in	
	Time (min)	Press. (psig)	Time (min)	Press. (psig)	Time (min)	Press. (psig)	Time (min)	Press. (psig)
1	0	19.3	0	183.6	0	228.8	0	275.7
2	5	57.9	3	323.5	5	233.2	3	368.9
3	10	91.5	6	547.4	10	243.1	6	555.1
4	15	121.8	9	568.2	15	253.1	9	573.7
5	20	158.2	12	579.7	20	262.5	12	583.0
6	25	170.9	15	588.5	25	271.3	15	589.5
7	30	183.6	18	593.9	30	275.7	18	594.5
8			21	598.3			21	599.4
9			24	602.2			24	603.8
10			27	605.5			27	607.2
11			30	608.3			30	610.0
12			33	611.1			33	612.2
13			36	613.8			36	613.8
14			39	616.1			39	615.0
15			42	617.7			42	616.6
16			45	619.4			45	617.0
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								

Ticket No : 2831

D.S.T. EVALUATION DATA

D.S.T. Flowrates	Oil	0.00	bbl/day
	Gas	0.00	m.c.f.d
	Wtr	153.00	bbl/day

Permeability-Thickness Product (kh) 290.872 md-ft

Average Permeability (Using 16 ft. effective pay)	(k _e)	18.180	md.
Permeability to Oil	(k _o)	0.000	md.
Permeability to Gas	(k _g)	0.000	md.
Permeability to Water	(k _w)	18.180	md.

Skin Factor -0.13 Flow Efficiency 102.6 % Damage Ratio 1.0

Radius of Investigation 178.09 feet

Reservoir Pressure

Measured	631.65 psia	Extrapolated	664.90 psia
----------	-------------	--------------	-------------

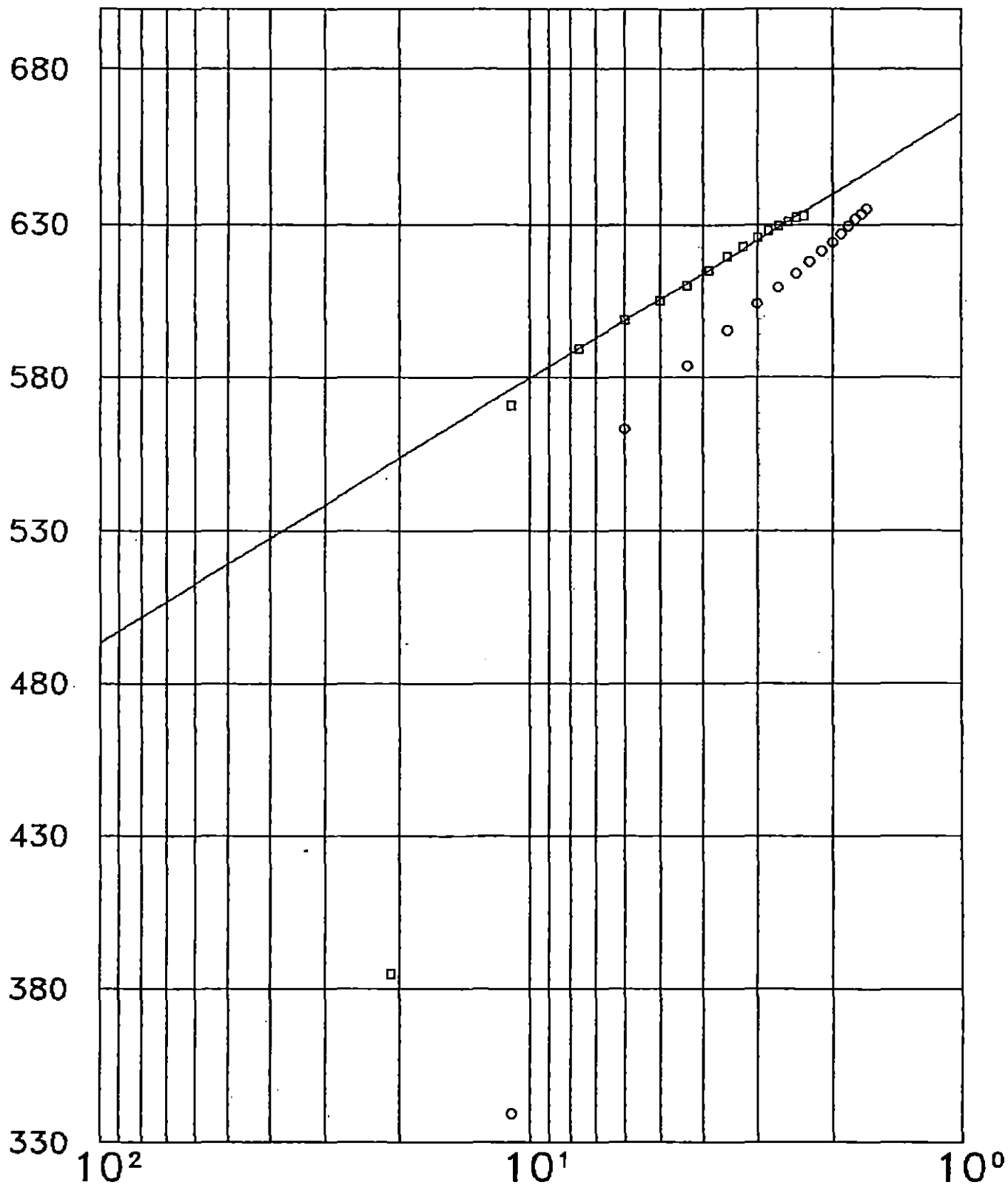
Theoretical Flowrates (Damage Removed)	Oil	0.00	bbl/day
	Gas	0.00	m.c.f.d
	Wtr	149.18	bbl/day

HORNER PLOT ORIGINAL

Log $(tp+\Delta t)/\Delta t$

M = -86.4

P* = 664.8

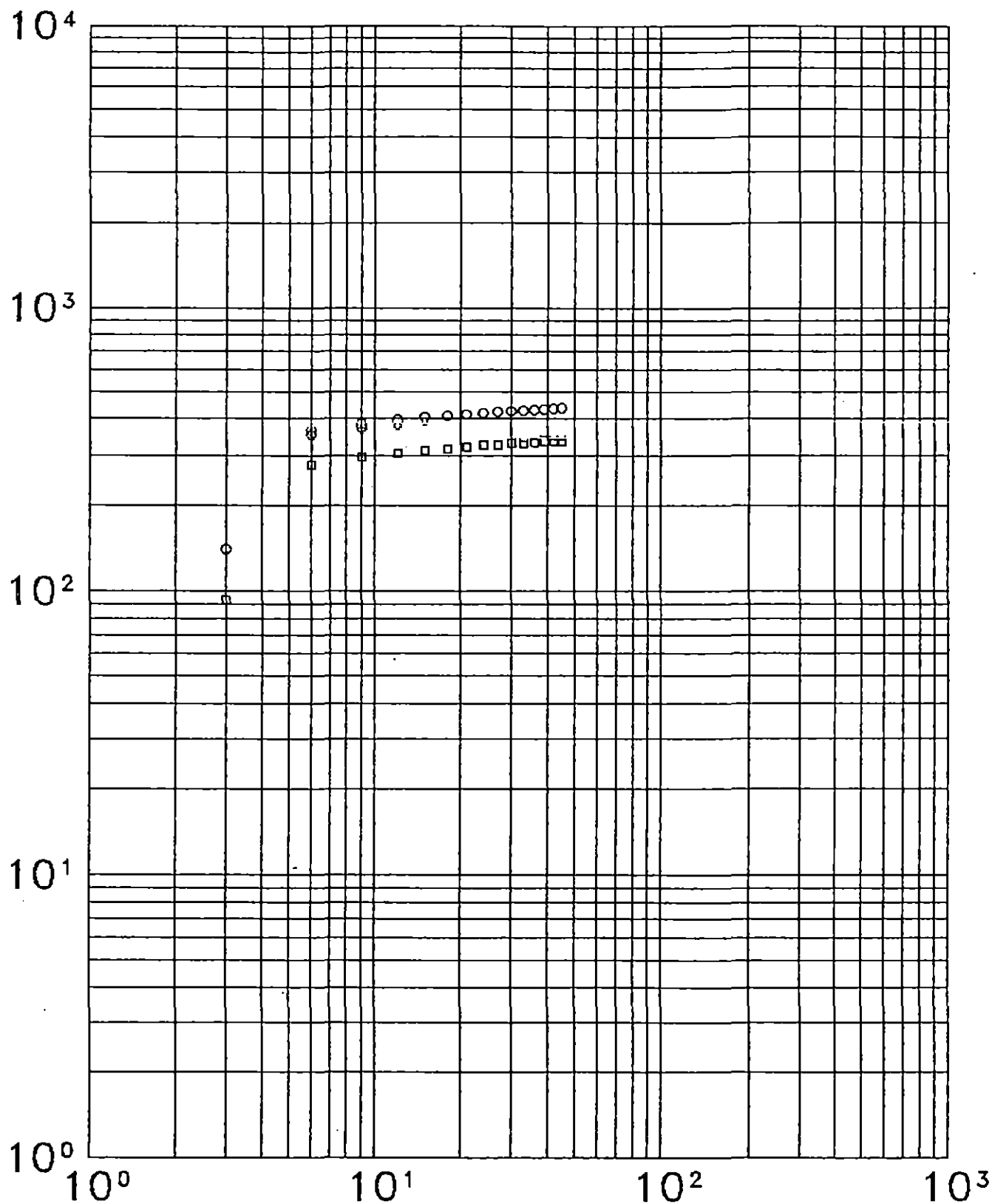


○ - First Shut-in
□ - Second Shut-in

Ticket No. 2831

LOG-LOG DATA PLOT ORIGINAL

Δp vs Δt



○ - First Shut-in
□ - Second Shut-in

Ticket No. 2831