

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM
87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-015-29773

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
K-4473-1

7. Lease Name or Unit Agreement Name
AVALON "15C" STATE COM.

8. Well No.
1

9. Pool name or Wildcat
Und. Avalon (Morrow Gas)

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other _____

2. Name of Operator
DEVON ENERGY CORPORATION (NEVADA)

3. Address of Operator
20 NORTH BROADWAY, SUITE 1500, OKLAHOMA CITY, OKLAHOMA 73102 (405) 235-3611

4. Well Location
Unit Letter **C** : **660** Feet From The **north** Line and **1650** Feet From The **west** Line

Section **15** Township **21S** Range **26E** NMPM Eddy County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

GL 3192'

Check Appropriate Box To Indicate Nature Of Notice, Report, Or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: _____ ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOE ☐
OTHER: Completion ☒

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work.) SEE RULE 1103.

11-13-97 thru 11-25-97 Ran bit, csg scraper and DC's on 2 7/8" tbg. Tagged 2118'. Press tested csg to 2500 psi, held OK. Drld cmt, DV tool and ECP to 2135'. Worked csg scraper thru DV tool and ECP. Circ'd hole clean. Press tested csg to 2500 psi, held OK. Tagged 10,991'. Drld cmt to 11,009'. Press tested to 2000 psi. Displaced hole.

RU Schlumberger. Ran CBL/VDL/GR/CCL from 10,992-5700'. TOC at 5936'. Ran bit, csg scraper and DC's on 2 7/8" tbg. RU reverse rig and clean hole to 11,030'.

Ran Schlumberger tbg-conveyed perf'g assembly on 2 7/8" tbg. Perf'd Morrow with 1 JSPF at 10,880-10,890' and 10,900-10,910' with total 20 holes. Released packer and POH with perf'g assembly. RU Wedge WL.

Set CIBP at 10,870' with 35' cmt on top. PBTD 10,835'.

RU Wedge WL. Perf'd Morrow with 2 JSPF at 10,740-1,0748' and 10,760-10,770' with total 36 holes (.32" EHD). Flow tested then SI for BU. Ran 4 point flow test. SI / flow tested for evaluation.

(Continued on reverse.)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Candi R. Graham

TITLE ENGINEERING TECHNICIAN

DATE March 15, 1998

TYPE OR PRINT NAME Candi Graham

TELEPHONE NO. (405) 235-3611

(This space for State use)

ORIGINAL SIGNED BY TIM W. GUM
DISTRICT II SUPERVISOR

Approved by _____
Conditions of approval, if any:

TITLE _____

DATE 4-2-98

(Continued from the front.)

12-11-97 thru 12-23-97 Frac'd perfs 10,740-10,770' down csg with 37,000
gals 70/65 quality binary foam + 80 tons CO₂ + 465,000 scf N₂ + 51,000#
20/40 Bauxite at AIR 13 BPM with 8908 psi. ISIP 4099 psi.
Ran 4 point test . RU Wedge WL and ran GR/After-Frac log 10,782-10,370'.
POH with
2 7/8" work string. Ran 336 jts 2 3/8" tbg, packer set at 10,637.50'. Circ'd
hole with 234 bbls 2% KCl. Latched packer with on/off tool. Flanged
wellhead. Press backside to 500 psi, held OK. Fished "F" plug from on/off
tool. SI, WOPL.

01-15-98 thru 02-10-98 Built tank battery, set production equipment,
constructed pipeline,etc. HU to sales meter.

02-16-98 Opened to gas sales line. Waiting on potential test.

c/sr

REPORT NO.
1070303

PAGE NO. 1

TEST DATE:
21-OCT-1997

STAR

Schlumberger Testing Data Report Pressure Data Report

Schlumberger

COMPANY: DEVON ENERGY			WELL: AVALON 15C STATE COM. #1		
TEST IDENTIFICATION			WELL LOCATION		
Test Type	OPEN HOLE DST		Field	AVALON	
Test No.	ONE		County	EDDY	
Formation	UPPER PENN		State	NEW MEXICO	
Test Interval (ft)	9300 to 9468		Sec/Twn/Rng	15-21S-26E	
Depth Reference	GL		Elevation (ft)	3192	
HOLE CONDITIONS			MUD PROPERTIES		
Total Depth (MD/TVD) (ft)	9468/9468		Mud Type	CUT BRINE-POLYM	
Hole Size (in)	7.875		Mud Weight (lb/gal)	9.2	
Casing/Liner I.D. (in)	8.625 / 7.921		Mud Resistivity (ohm.m)		
Perf'd Interval/Net Pay (ft) ..	/ 21		Filtrate Resistivity (ohm.m) ..	0.096 @ 70F	
Shot Density/Diameter (in) ...			Filtrate Chlorides (ppm)	78000	
INITIAL TEST CONDITIONS			TEST STRING CONFIGURATION		
Initial Hydrostatic (psi)	4450.08		Pipe Length (ft)/I.D. (in) ...	8431 / 3.640	
Gas Cushion Type			Collar Length (ft)/I.D. (in) ..	978 / 2.250	
Surface Pressure (psi)			Packer Depths (ft)	9295, 9300,	
Liquid Cushion Type			Bottomhole Choke Size (in) ...	1.00	
Cushion Length (ft)			Gauge Depth (ft)/Type	9279/SLSR-777	
NET PIPE RECOVERY			NET SAMPLE CHAMBER RECOVERY		
Volume	Fluid Type	Properties	Volume	Fluid Type	Properties
155 ft	CONDENSATE	API 50.6@60F	4.33 cuft	Gas	
	COND. & GAS		100 cc	Oil	API 51@64F
823 ft	CUT MUD	Rw0.099@70F 75000ppm			
			Pressure: 620 GOF: 6877 GLR: 6877		
INTERPRETATION RESULTS			ROCK/FLUID/WELLBORE PROPERTIES		
Model of Behavior			Oil Density (deg. API)		
Fluid Type Used for Analysis..			Basic Solids (%)		
Reservoir Pressure (psi)			Gas Gravity		
Transmissibility (md.ft/cp) ..			GOR (scf/STB)		
Effective Permeability (md) ..			Water Cut (%)		
Skin Factor/Damage Ratio			Viscosity (cp)		
Storativity Ratio, Omega			Total Compressibility (1/psi) ..		
Interporos.Flow Coef..Lambda..			Porosity (%)	10	
Distance to an Anomaly (ft) ..			Reservoir Temperature (F)	155	
Radius of Investigation (ft) ..			Form.Vol.Factor (bbl/STB)		
Potentiometric Surface (ft) ..					

PRODUCTION RATE DURING TEST: Data Report

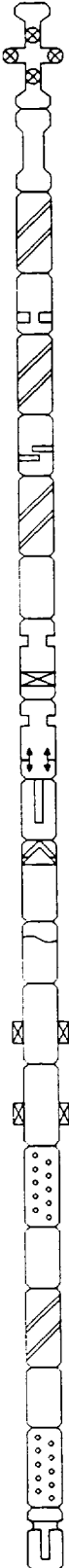
COMMENTS:

THIS IS DST #1. THE UPPER PENN FORMATION WAS EVALUATED FROM 9300' TO 9468'. THE LAST FLOW RATE WAS 5329 MCF/D. THERE WAS GAS TO SURFACE 5 MINUTES AFTER THE INITIAL OPENING. THE DRILLPIPE RECOVERY WAS REVERSED TO THE PIT. MOST OF THE CONDENSATE WAS PRODUCED THROUGH THE CHOKE AND BURNED. THANK YOU FOR USING SCHLUMBERGER.

WELL TEST INTERPRETATION REPORT #:1070303		PAGE: 2,
CLIENT : DEVON ENERGY		24-OCT-97
REGION :CSD	SEQUENCE OF EVENTS	FIELD: AVALON
DISTRICT: HOBBS		ZONE : UPPER PENN
BASE : MIDLAND		WELL : AVALON 15C STA
ENGINEER: KIRK BEASLEY		LOCATION: 15-21S-26E

DATE	TIME (HR:MIN)	DESCRIPTION	ET (MINS)	BHP (PSIA)	WHP (PSIG)
=====					
22-OCT		OPEN TO BUBBLE HOSE ONLY			
	07:10	SET PACKER	-3		
	07:13	START FLOW	0	1683	
	07:14	PRESSURE DESCRIBED IN PSI	1		5
	07:15		2		10
	07:16	OPEN TO PIT ON 1/4" CHOKE	3		
	07:17		4		300
	07:19	END FLOW & START SHUT-IN GAS TO SURFACE	6	1561	560
	08:18	END SHUT-IN	65	3672	200
	08:23	START FLOW ON 1/2" CHOKE	70	1517	
	07:26		13		480
	07:27	MUD TO SURFACE	14		580
	07:51		38		1500
	09:06		113		1200
	09:21		128		1100
	09:36		143		980
	09:52	END FLOW & START SHUT-IN LAST RATE: 5329 MCF/D	159	1197	850
	12:53	END SHUT-IN	340	2094	
	12:55	PULLED LOOSE	342		

DEVON ENERGY
AVALON 15C STATE COM. #1
TOOL STRING SCHEMATIC

	TOOL DESCRIPTION	OD	ID	LENGTH	DEPTH
	SURFACE FLOWHEAD				0
	DRILL PIPE (20#)	4.50	3.640	8431	8431
	DRILL COLLARS	6.25	2.250	639	9070
	PUMPOUT DISK REVERSING VALVE	6.25	3.250	0.82	9070.82
	DRILL COLLARS	6.25	2.250	93.95	9164.77
	BREAKOFF PIN REVERSING VALVE	6.25	3.000	0.86	9165.63
	DRILL COLLARS	6.25	2.250	93.51	9259.14
	CROSS OVER SUB	6.00	2.000	0.93	9260.07
	MFE (MFEV-B)	5.00	1.000	9.83	9269.9
	MFE OH BYPASS (MBYP-B)	5.00	1.000	2.98	9272.88
	INSIDE RECORDER CARRIER	4.88	1.250	5.91	9278.79
	D&C HYDRAULIC JAR	4.75	1.875	7.73	9286.52
	SAFETY JOINT (SAJ-BA)	4.75	2.500	2.53	9289.05
	BOB TAIL PACKER	7.00	1.500	6.10	9295.15
	BOB TAIL PACKER	7.00	1.500	4.85	9300
	PERFORATED ANCHOR	4.75	2.250	6.31	9306.31
	CROSS OVER SUB	6.00	2.750	0.63	9306.94
	DRILL COLLARS	6.25	2.250	151.4	9458.34
	CROSS OVER SUB	6.00	2.440	0.75	9459.09
	PERFORATED ANCHOR	4.75	2.250	3.00	9462.09
	OUTSIDE RECORDER CARRIER	4.88	1.500	5.91	9468

Report Number: 1070303

Test Date: 21-OCT-1997

Note: All Depths to Bottom of Tool

Schlumberger

BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 1070303

COMPANY : DEVON ENERGY

INSTRUMENT NO. SLSR-777

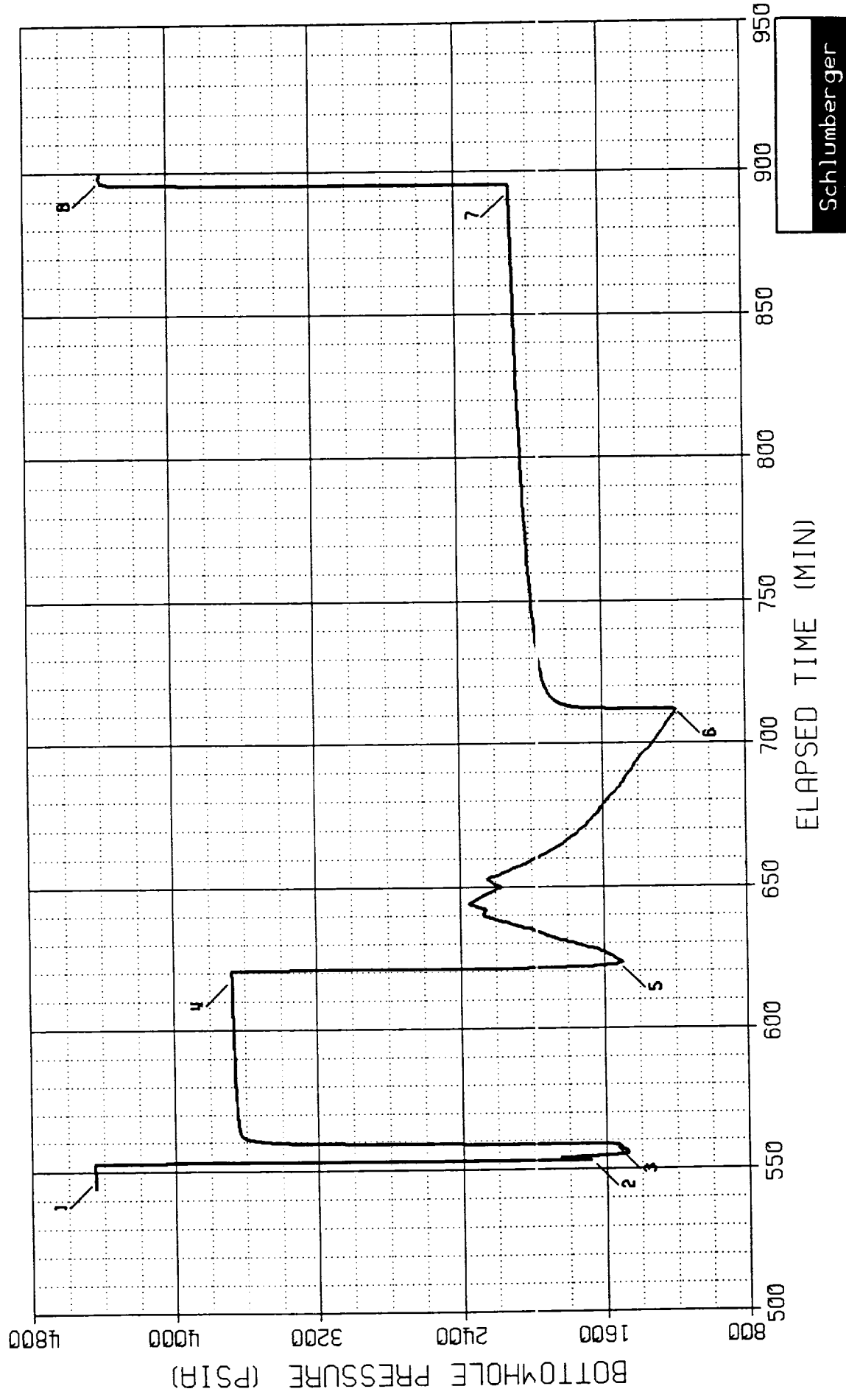
WELL : AVALON 15C STATE COM. #1

DEPTH : 9279 FT

CAPACITY : 10000 PSI

PORT OPENING : INSIDE

Electronic Pressure Data



BOTTOMHOLE TEMPERATURE LOG

FIELD REPORT NO. 1070303

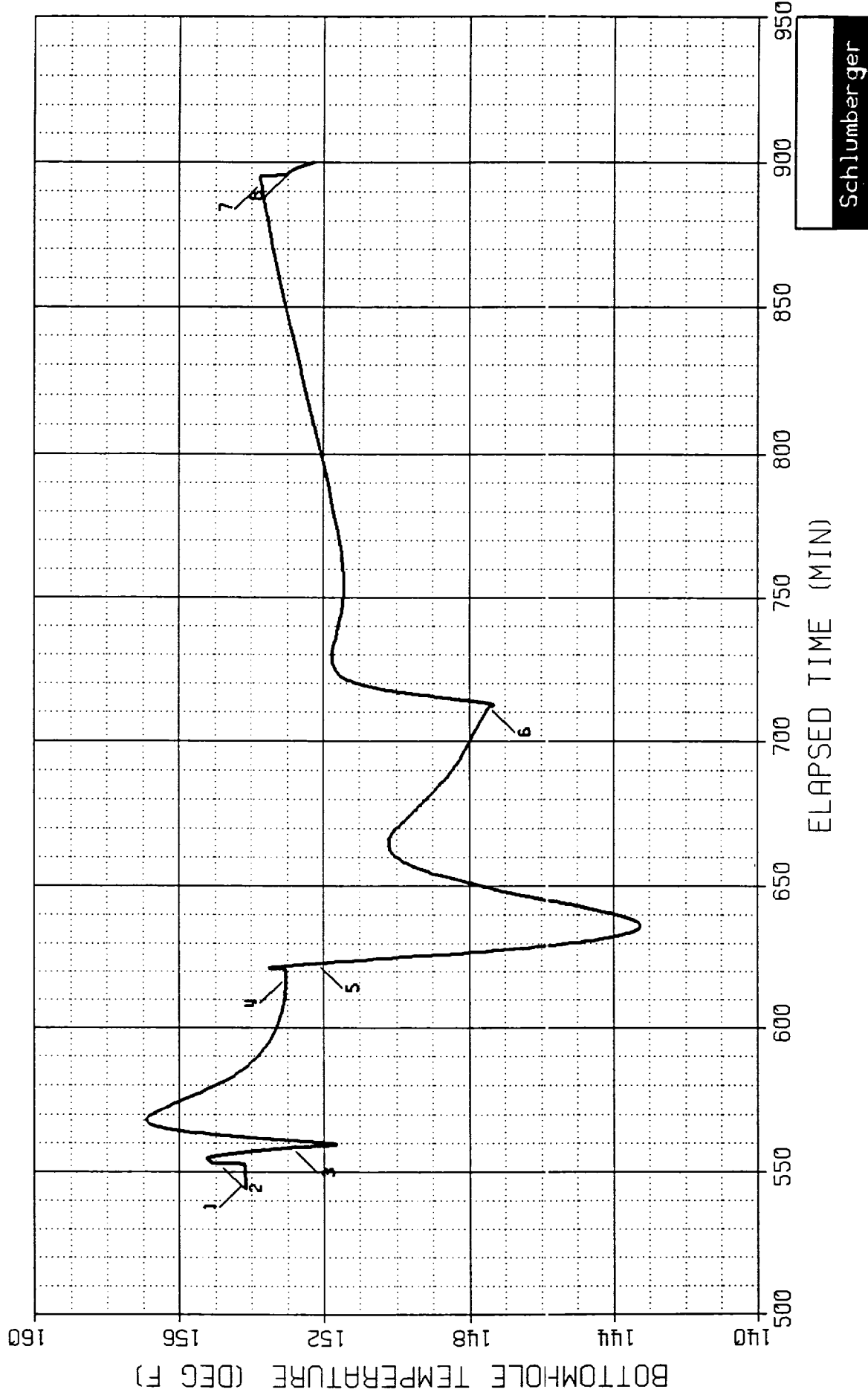
COMPANY : DEVON ENERGY

INSTRUMENT NO. SLSR-777

WELL : AVALON 15C STATE COM. #1

DEPTH : 9279 FT

Electronic Temperature Data



LOG LOG PLOT

COMPANY : DEVON ENERGY
WELL : AVALON 15C STATE COM. #1
FIELD REPORT NO. 1070303
INSTRUMENT NO. SLSR-777

SHUTIN #2 : PRODUCING TIME (Tp): 94.5 MIN
FINAL FLOW PRESSURE (Pwf): 1197 PSIA
PLOT ELAPSED TIME RANGE: 712.1 TO 893.1 MIN
 ΔT TIME RANGE: 0.2 TO 181.2 MIN

