

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

API NO. 15- 109-20,638-00 **ORIGINAL**

County Logan

S2 - N2 - SW Sec. 20 Twp. 11 Rge. 33 XX <sup>E</sup> <sub>W</sub>

1650 Feet from S/N (circle one) Line of Section

1320 Feet from E/W (circle one) Line of Section

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

Lease Name Regan Well # 1

Field Name Wildcat

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

Elevation: Ground 3138' KB 3143'

Total Depth 4528' PBDT 4528'

Amount of Surface Pipe Set and Cemented at 257.18 Feet

Multiple Stage Cementing Collar Used? \_\_\_\_\_ Yes XX No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan D&A JH 11-6-97  
(Data must be collected from the Reserve Pit)

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

Dewatering method used Evaporization

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name REG

Lease Name 5-13 License No. \_\_\_\_\_

Quarter 5-13 Sec. 20 Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

County Logan Docket No. \_\_\_\_\_

Operator: License # 31120

Name: Pelican Hill Oil & Gas, Inc.

Address 1401 N ElCamino Rd  
Suite 203

City/State/Zip San Clemente, CA. 92672

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

Operator Contact Person: Al Gross

Phone ( 714 ) 498-2100

Contractor: Name: ABERCROMBIE RTD, INC

License: 30684

Wellsite Geologist: Randy Killian

Designate Type of Completion  
 New Well  Re-Entry  Workover

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  PBDT  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

01-14-97 01-21-97 01-21-97  
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 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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

Signature Allen J. Iron  
Title PRESIDENT Date 5-15-97

Subscribed and sworn to before me this 15th day of May, 19 97.

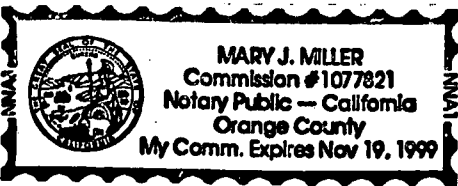
Notary Public Mary J. Miller

Date Commission Expires 11/19/99

K.C.C. OFFICE USE ONLY

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

Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)



SIDE TWO

Operator Name Pelican Hill Oil & Gas, Inc. Lease Name Regan Well # 1

Sec. 20 Twp. 11 Rge. 33  East  West  
 County Logan

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	+525 +528
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Base	+500 +504
List All E.Logs Run:		Heebner Sh.	-895 -894
		Toronto	-922 -919
		Lansing	-939 -937
		Stark Sh.	-1162 -1160
		Base Kc.	-1221
		Johnson	-1495
		T.D.	-1678 -1184

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	28#	257.18'	60/40 pos	180	2% gel, 3% cc
D&A	7 7/8"			2650'	pos	190	6% gel, 1/4# Flo-Seal

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				

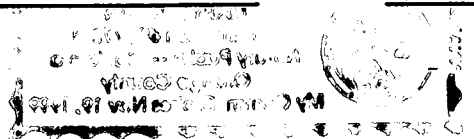
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated		Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth	

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 <u>N/A</u> Bbls.	Gas <u>N/A</u> Mcf	Water <u>N/A</u> 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  Other (Specify) \_\_\_\_\_

Production Interval: \_\_\_\_\_



15-109-20638-00-00  
**ALLIED CEMENTING CO., INC.** 6925

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

**CONFIDENTIAL**

**ORIGINAL**

SERVICE POINT:

*Ogkley*

DATE <i>1-20-97</i>	SEC. <i>20</i>	TWP. <i>11 S</i>	RANGE <i>33 W</i>	CALLED OUT	ON LOCATION <i>7:40 PM</i>	JOB START <i>8:30 PM</i>	JOB FINISH <i>12:00 AM</i>
LEASE <i>Recon</i>	WELL# <i>1</i>	LOCATION <i>25 Monument</i>			COUNTY <i>Logan</i>	STATE <i>KS</i>	

OLD OR NEW (Circle one)

CONTRACTOR <i>Abercrombie RTD Rig 8</i>	OWNER <i>Same</i>
TYPE OF JOB	CEMENT
HOLE SIZE <i>7 7/8</i>	T.D. <i>4328'</i>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <i>2650'</i>	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	

AMOUNT ORDERED *190 # Per 6206-1*  
*1/4" Fle Seal*

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

EQUIPMENT

PUMP TRUCK # *191* CEMENTER *Walt* HELPER *Wayne*

BULK TRUCK # *218* DRIVER *Dean*

BULK TRUCK # DRIVER

RELEASED  
 9-16-1998  
 SEP 16 1998

~~CONFIDENTIAL~~

**REMARKS:**

*1st Plug 2650' 25 SA*  
*2nd Plug 1650' 100 SA*  
*3rd Plug 310' 40 SA*  
*40' 10 SA*  
*Rest Hole 15 SA*

*Thank you*

5-13  
 MAY 13

~~CONFIDENTIAL~~

**SERVICE**

DEPTH OF JOB <i>2650'</i>	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
PLUG <i>Dry Hole</i>	@
	@
	@

5-PA-1997

CHARGE TO: *Pellcon Hill Oil & Gas Inc*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	

TOTAL \_\_\_\_\_

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

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

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

SIGNATURE \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

5171

15-109-20638-00-00

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

**CONFIDENTIAL**  
**ORIGINAL**

SERVICE POINT:

Oakley

DATE <u>1-14-99</u>	SEC. <u>20</u>	TWP. <u>11S</u>	RANGE <u>33W</u>	CALLED OUT	ON LOCATION <u>10:15 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>12:00 AM</u>
LEASE <u>Reggie</u>	WELL# <u>1</u>	LOCATION <u>Monument 35-E.S.</u>			COUNTY <u>Logan</u>	STATE <u>Kan</u>	

OLD OR NEW (Circle one)

CONTRACTOR Abstractive RTD #57

TYPE OF JOB \_\_\_\_\_

HOLE SIZE 12 1/4 T.D. 262'

CASING SIZE 8 5/8 DEPTH 257

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

OWNER Sumo

CEMENT

AMOUNT ORDERED 130 494 per, 3% CC - 294.1

**EQUIPMENT**

PUMP TRUCK CEMENTER Walt

# 191 HELPER Wayne

BULK TRUCK

# 218 DRIVER Dean

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING 200 st @ 1.05

MILEAGE 44 per sk/mile

5-19-1007

RELEASED

REC  
5-13  
MAY 13

TOTAL

REMARKS: SEP 16 1998  
9-16-1998

CONFIDENTIAL SERVICE

FROM CONFIDENTIAL

Thanks

22 A. etc. 7-12 Well Done (see 4.11.)

DEPTH OF JOB 257'

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE miles @ 2.85

PLUG 8 5/8 Surface @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL

CHARGE TO: Pollock Hill Oil & Gas

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL

CONFIDENTIAL

ORIGINAL

RELEASED  
9-16-1998  
SEP 16 1998

WELL NAME: Regan # 1  
COMPANY: Pelican Hill Oil & Gas  
LOCATION: Sec. 20 Twp. 11S Rge. 33W  
Logan County Kansas

FROM CONFIDENTIAL

DATE: 1/24/97

15-109-20638-00-00

KCC  
5-13  
MAY 13

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas  
 WELL NAME: Regan #1  
 LOCATION : 20-11s-33w Logan KS  
 INTERVAL : 4212.00 To 4245.00 ft

DATE 1-19-97  
 KB 3143.00 ft TICKET NO: 9597 DST #1  
 GR 3138.00 ft FORMATION: Lansing KC  
 TD 4245.00 ft TEST TYPE: CONV.

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11058	11058	2342			PF Fr. 2046 to 2116 hr
SI 30	Range(Psi )	4500.0	4500.0	4995.0	0.0	0.0	IS Fr. 2116 to 2146 hr
SF 5	Clock(hrs)	12 HR	12 Hr	Elec			SF Fr. 2146 to 2151 hr
FS 0	Depth(ft )	4240.0	4240.0	4213.0	0.0	0.0	FS Fr. 2151 to 2151 hr

	Field	1	2	3	4	
A. Init Hydro	2076.0	2066.0	2053.0	0.0	0.0	T STARTED 1908 hr
B. First Flow	100.0	85.0	15.0	0.0	0.0	T ON BOTM 2041 hr
B1. Final Flow	66.0	61.0	40.0	0.0	0.0	T OPEN 2046 hr
C. In Shut-in	1253.0	1241.0	1257.0	0.0	0.0	T PULLED 2151 hr
D. Init Flow	100.0	96.0	42.0	0.0	0.0	T OUT 2350 hr
E. Final Flow	88.0	88.0	43.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2053.0	1980.0	1996.0	0.0	0.0	Tool Wt. 4000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 28000.00 lbs
						Wt Pulled Loose 63000.00 lbs
						Initial Str Wt 49000.00 lbs

RECOVERY

Tot Fluid	60.00 ft of	0.00 ft in DC and	60.00 ft in DP	Unseated Str Wt	49000.00 lbs
60.00	ft of Watery Mud	40% water	60% mud spec oil	Bot Choke	0.75 in
0.00	ft of			Hole Size	7.88 in
0.00	ft of			D Col. ID	2.25 in
0.00	ft of			D. Pipe ID	3.80 in
0.00	ft of			D.C. Length	0.00 ft
0.00	ft of			D.P. Length	3674.00 ft
0.00	ft of RW	.25 @ 50F		H.W. Length	536.00 ft
SALINITY	40100.00 P.P.M.	A.P.I. Gravity	0.00		

BLOW DESCRIPTION

Initial Flow:  
 Weak surfc blow, built to 1 3/4"

Initial Shut In:  
 No return

Final Flow:  
 Bubble to open tool, No blow

Final Shut In:  
 Pull tool

SAMPLES:  
 SENT TO:

MUD DATA-----  
 Mud Type Chemical  
 Weight 9.00 lb/c  
 Vis. 45.00 S/L  
 W.L. 8.80 in3  
 F.C. 0.00 in  
 Mud Drop Y 15.0 ft  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 112.00 F  
 Hole Condition good  
 % Porosity 0.00  
 Packer Size 6.75 in  
 No. of Packers 2  
 Cushion Amt. 0.00  
 Cushion Type  
 Reversed Out N  
 Tool Chased N  
 Tester Shane Mcbride  
 Co. Rep. Randy Killian  
 Contr. Abercrombie  
 Rig # 8  
 Unit #  
 Pump T.

Test Successful: Y

15-109-20638-00-00

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

WELL NAME: Regan #1

LOCATION : 20-11-33

TICKET No. 9597 D.S.T. No. 1 DATE 1-19-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 20

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR ..... 33

TOTAL TOOL ..... 53

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY ..... 53

~~D.C. ABOVE TOOLS.Stands Single Total~~

~~D.P. ABOVE TOOLS.Stands Single Total 4210~~

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4263

TOTAL DEPTH ..... 4245

TOTAL DRILL PIPE ABOVE K.B. .... 18

REMARKS:

P.O. SUB	
C.O. SUB 1'	4192
S.I. TOOL 5'	4198
HMV 5'	4203
JARS n/a	
SAFETY JOINT n/a	
PACKER top	4207
PACKER bottom	4212
DEPTH 4212	
STUBB 1'	4213
ANCHOR elec.recorder	4213
27' perf	4240
T.C. DEPTH	
ak-1 recorder	4240
BULLNOSE 5' bullplug	4245
T.D.	4245

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9597 DST #1 Regan #1 Pelican Hill Oil & Gas

DATE: 01/19/97 TIME: 20:09:09

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
***** Initial Hydro.	96.00	2053.5	0.0	106.70		
***** Start Flow 1	0.00	15.3	0.0	107.44		
	1.00	16.9	1.6	107.71		
	2.00	17.7	2.4	107.91		
	3.00	18.7	3.4	108.07		
	4.00	19.7	4.4	108.19		
	5.00	20.6	5.3	108.28		
	6.00	21.6	6.3	108.35		
	7.00	22.6	7.3	108.42		
	8.00	23.7	8.4	108.47		
	9.00	24.7	9.4	108.52		
	10.00	25.5	10.2	108.57		
	11.00	26.2	10.9	108.60		
	12.00	26.6	11.3	108.64		
	13.00	27.4	12.1	108.67		
	14.00	28.2	12.9	108.72		
	15.00	28.9	13.7	108.77		
	16.00	29.8	14.5	108.84		
	17.00	30.5	15.3	108.92		
	18.00	31.3	16.0	109.00		
	19.00	32.1	16.9	109.07		
	20.00	32.7	17.5	109.14		
	21.00	33.4	18.1	109.24		
	22.00	34.3	19.1	109.32		
	23.00	35.2	19.9	109.38		
	24.00	35.9	20.6	109.44		
	25.00	36.7	21.4	109.51		
	26.00	37.5	22.2	109.56		
	27.00	38.2	22.9	109.62		
	28.00	38.8	23.6	109.69		
	29.00	39.7	24.4	109.76		
***** End Flow 1	30.00	40.4	25.1	109.84		
***** Start Shutin 1	0.00	40.4	0.0	109.84	0.0000	0.002
	1.00	468.6	428.2	109.95	31.0000	0.220
	2.00	910.2	869.8	110.07	16.0000	0.828
	3.00	1038.3	997.9	110.20	11.0000	1.078
	4.00	1095.9	1055.6	110.32	8.5000	1.201
	5.00	1129.0	1088.6	110.43	7.0000	1.275
	6.00	1151.3	1111.0	110.53	6.0000	1.326
	7.00	1168.2	1127.8	110.61	5.2857	1.365
	8.00	1181.1	1140.7	110.68	4.7500	1.395
	9.00	1191.7	1151.3	110.75	4.3333	1.420
	10.00	1200.3	1160.0	110.81	4.0000	1.441
	11.00	1207.7	1167.4	110.86	3.7273	1.459
	12.00	1213.9	1173.6	110.91	3.5000	1.474
	13.00	1219.5	1179.1	110.95	3.3077	1.487
	14.00	1224.2	1183.9	111.00	3.1429	1.499
	15.00	1228.4	1188.0	111.04	3.0000	1.509
	16.00	1232.0	1191.6	111.08	2.8750	1.518
	17.00	1235.2	1194.9	111.10	2.7647	1.526
	18.00	1238.1	1197.7	111.16	2.6667	1.533



15-109-20638-00-00

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9597 DST #1 Regan #1 Pelican Hill Oil & Gas  
DATE: 01/19/97 TIME: 20:09:09

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	19.00	1240.8	1200.4	111.18	2.5789	1.540
	20.00	1243.2	1202.9	111.23	2.5000	1.546
	21.00	1245.3	1205.0	111.25	2.4286	1.551
	22.00	1247.3	1207.0	111.29	2.3636	1.556
	23.00	1249.3	1208.9	111.33	2.3043	1.561
	24.00	1250.9	1210.5	111.38	2.2500	1.565
	25.00	1252.4	1212.1	111.41	2.2000	1.569
	26.00	1254.0	1213.6	111.45	2.1538	1.572
	27.00	1255.3	1214.9	111.49	2.1111	1.576
	28.00	1256.6	1216.2	111.53	2.0714	1.579
	29.00	1257.6	1217.3	111.56	2.0345	1.582
***** End Shut-in 1	30.00	1257.6	1217.3	111.60	2.0000	1.582
***** Start Flow 2	0.00	42.3	0.0	111.58		
	1.00	42.8	0.5	111.60		
***** End Flow 2	2.00	43.4	1.1	111.64		
***** Start Shutin 2	0.00	43.4	0.0	111.64	0.0000	0.002
	1.00	1959.9	1916.5	111.75	33.0000	3.841
***** End Shut-in 2	2.00	1995.8	1952.4	111.97	17.0000	3.983
***** Final Hydro.	163.00	1995.8	0.0	111.97		

# TEST HISTORY

9597 DST #1 Regan #1 Pelican Hill Oil & Gas

## Flag Points

t (Min.)	P (PSig)
A: 0.00	2053.54
B: 0.00	15.27
C: 30.00	40.36
D: 30.00	1257.65
E: 0.00	42.29
F: 2.00	43.38
Q: 0.00	1995.80

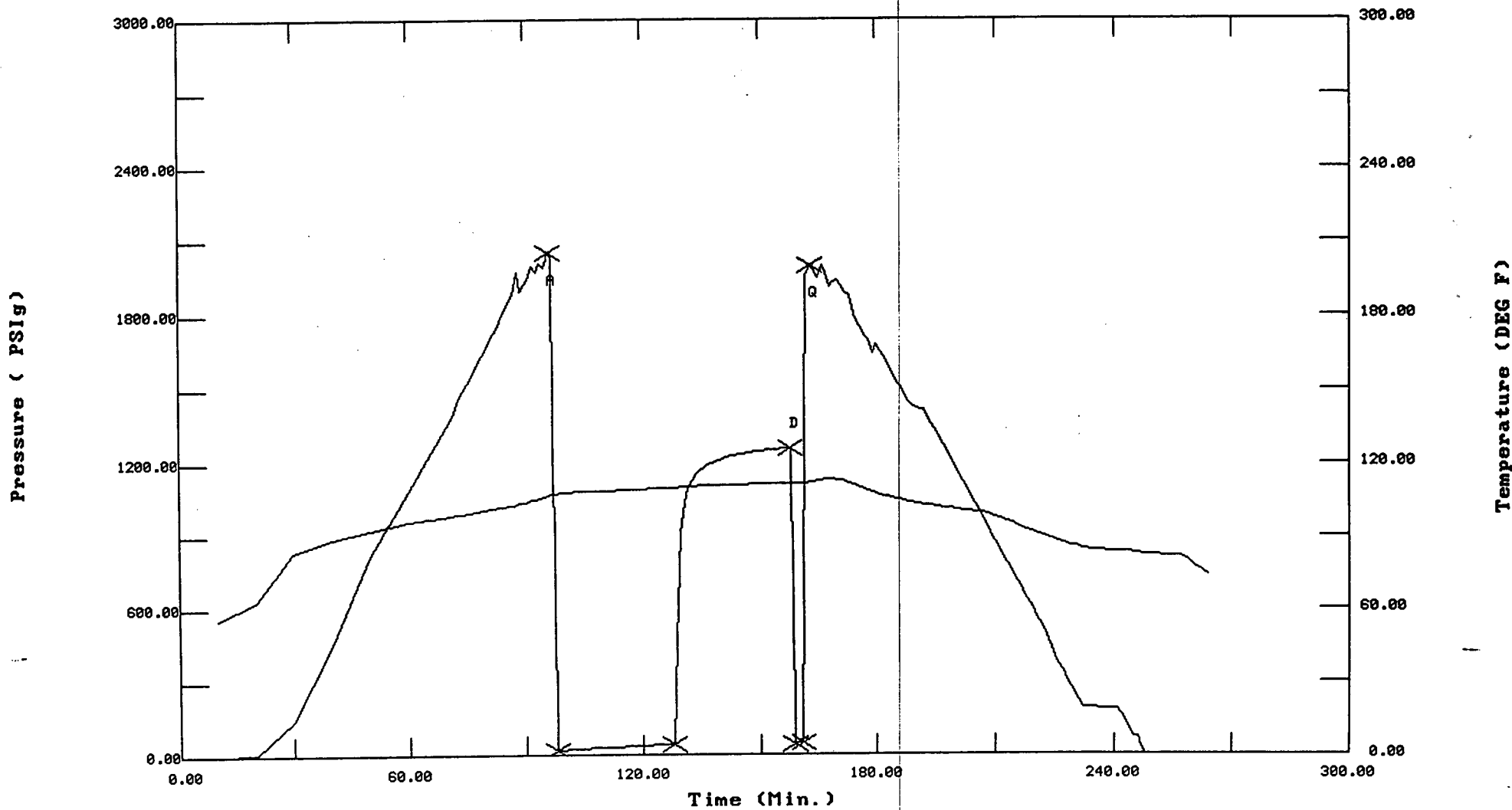
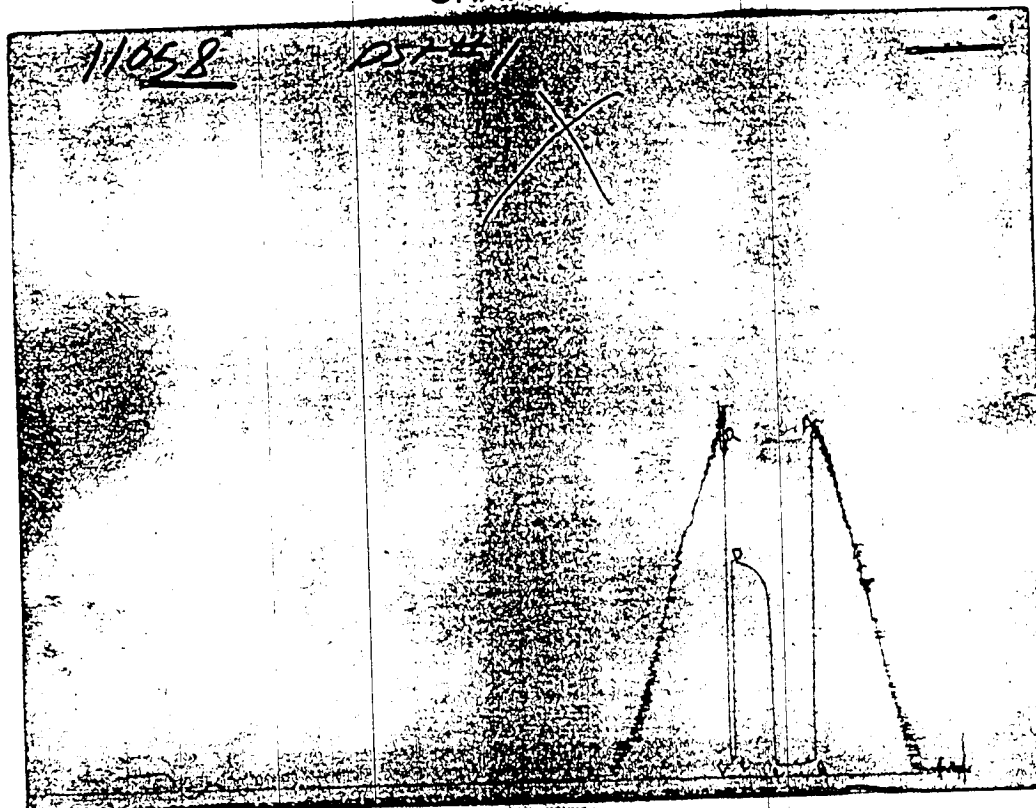


CHART PAGE



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

15-109-20638-00-00

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas  
 WELL NAME: Regan #1  
 LOCATION : 20-11S-33W Logan KS  
 INTERVAL : 4253.00 To 4328.00 ft

DATE 1-20-97

KB 3143.00 ft TICKET NO: 9598 DST #2  
 GR 3138.00 ft FORMATION: Lansing KC - I,J,K  
 TD 4328.00 ft TEST TYPE: CONV.

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11058	111058	2342			PF Fr. 1308 to 1338 hr
SI 0	Range(Psi )	4500.0	4500.0	4995.0	0.0	0.0	IS Fr. to hr
SF 0	Clock(hrs)	12 hr	12 hr	Elec			SF Fr. to hr
FS 30	Depth(ft )	4323.0	4323.0	4261.0	0.0	0.0	FS Fr. 1338 to 1408 hr

	Field	1	2	3	4	
A. Init Hydro	2165.0	2132.0	2115.0	0.0	0.0	T STARTED 1148 hr
B. First Flow	77.0	92.0	19.0	0.0	0.0	T ON BOTM 1305 hr
B1. Final Flow	55.0	69.0	34.0	0.0	0.0	T OPEN 1308 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 1408 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 1620 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	1264.0	1263.0	1258.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2121.0	2075.0	2086.0	0.0	0.0	Tool Wt. 5000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 28000.00 lbs
						Wt Pulled Loose 0.00 lbs
						Initial Str Wt 50000.00 lbs

RECOVERY

Tot Fluid	40.00 ft of	0.00 ft in DC and	40.00 ft in DP	Unseated Str Wt	50000.00 lbs
40.00	ft of Drilling Mud	100% mud scum of oil		Bot Choke	0.75 in
0.00	ft of			Hole Size	7.88 in
0.00	ft of			D Col. ID	0.00 in
0.00	ft of			D. Pipe ID	0.00 in
0.00	ft of			D.C. Length	0.00 ft
0.00	ft of			D.P. Length	3733.00 ft
0.00	ft of			H.W. Length	536.00 ft
SALINITY	0.00 P.P.M.	A.P.I. Gravity	0.00		

BLOW DESCRIPTION

Initial Flow:  
 Weak surface blow, built to

Initial Shut In:

Final Flow:

Final Shut In:

SAMPLES:  
 SENT TO:

MUD DATA-----	
Mud Type	Chemical
Weight	9.00 lb/
Vis.	50.00 S/L
W.L.	8.80 in <sup>3</sup>
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	109.00 F
Hole Condition	good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Shane McBride
Co. Rep.	Randy Killian
Contr.	Abercrombie
Rig #	8
Unit #	
Pump T.	

Test Successful: Y

15-109-20638-00-00

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

WELL NAME: Regan #1

LOCATION : 20-11-33

TICKET No. 9598 D.S.T. No. 2 DATE 1-20-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 20

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR ..... 44

TOTAL TOOL ..... 64

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 31

TOTAL ASSEMBLY ..... 95

~~D.C. ABOVE TOOLS.Stands Single Total~~

D.P. ABOVE TOOLS.Stands 68 Single 1 Total 4238

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4333

TOTAL DEPTH ..... 4328

TOTAL DRILL PIPE ABOVE K.B. .... 5

REMARKS:

P.O. SUB	
C.O. SUB 1'	4233
S.I. TOOL 5'	4239
HMV 5'	4244
JARS n/a	
SAFETY JOINT n/a	
PACKER top	4248
PACKER bottom	4253
DEPTH 4253	
STUBB 1'	4254
ANCHOR 6' perf	4260
1'c.o.	4261
alpine recorder	4261
T.C. DEPTH	
31' drillpipe	4292
1' c.o.	4293
30' perf	4323
ak-1 recorder	4323
BULLNOSE 5' bullplug	4328
T.D.	4328

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9598 DST #2 Regan #1 Pelican Hill Oil & Gas

DATE: 01/20/97 TIME: 12:49:14

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
***** Initial Hydro.	77.00	2115.6	0.0	106.37		
***** Start Flow 1	0.00	19.5	0.0	107.17		
	1.00	21.1	1.6	107.31		
	2.00	21.8	2.4	107.40		
	3.00	22.5	3.0	107.45		
	4.00	23.1	3.6	107.48		
	5.00	23.6	4.1	107.52		
	6.00	24.2	4.7	107.55		
	7.00	24.8	5.4	107.58		
	8.00	25.3	5.9	107.61		
	9.00	25.8	6.4	107.63		
	10.00	26.3	6.9	107.67		
	11.00	26.8	7.4	107.70		
	12.00	27.3	7.8	107.72		
	13.00	27.6	8.1	107.75		
	14.00	27.8	8.3	107.78		
	15.00	28.6	9.1	107.80		
	16.00	28.9	9.4	107.83		
	17.00	29.7	10.2	107.86		
	18.00	30.5	11.0	107.89		
	19.00	31.0	11.5	107.92		
	20.00	31.3	11.8	107.94		
	21.00	31.9	12.4	107.95		
	22.00	32.6	13.1	107.96		
	23.00	33.1	13.7	107.99		
	24.00	33.3	13.8	108.01		
	25.00	33.3	13.8	108.04		
	26.00	33.5	14.0	108.07		
	27.00	33.8	14.4	108.11		
	28.00	34.2	14.8	108.15		
	29.00	34.6	15.1	108.19		
***** End Flow 1	30.00	35.0	15.5	108.23		
***** Start Shutin 1	0.00	35.0	0.0	108.23	0.0000	0.001
	1.00	91.2	56.2	108.27	31.0000	0.008
	2.00	373.4	338.4	108.33	16.0000	0.139
	3.00	619.0	584.1	108.40	11.0000	0.383
	4.00	784.9	749.9	108.47	8.5000	0.616
	5.00	898.4	863.4	108.55	7.0000	0.807
	6.00	978.3	943.3	108.62	6.0000	0.957
	7.00	1036.0	1001.0	108.71	5.2857	1.073
	8.00	1078.7	1043.7	108.78	4.7500	1.164
	9.00	1111.0	1076.0	108.86	4.3333	1.234
	10.00	1136.0	1101.0	108.92	4.0000	1.290
	11.00	1155.6	1120.6	109.00	3.7273	1.335
	12.00	1171.3	1136.3	109.07	3.5000	1.372
	13.00	1184.0	1149.0	109.12	3.3077	1.402
	14.00	1194.5	1159.5	109.20	3.1429	1.427
	15.00	1203.2	1168.2	109.26	3.0000	1.448
	16.00	1210.7	1175.7	109.31	2.8750	1.466
	17.00	1217.0	1182.0	109.36	2.7647	1.481
	18.00	1222.6	1187.6	109.43	2.6667	1.495

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ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9598 DST #2 Regan #1 Pelican Hill Oil & Gas

DATE: 01/20/97 TIME: 12:49:14

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	19.00	1227.4	1192.4	109.48	2.5789	1.506
	20.00	1231.5	1196.6	109.53	2.5000	1.517
	21.00	1235.2	1200.3	109.59	2.4286	1.526
	22.00	1238.5	1203.5	109.63	2.3636	1.534
	23.00	1241.5	1206.5	109.68	2.3043	1.541
	24.00	1244.2	1209.2	109.74	2.2500	1.548
	25.00	1246.7	1211.7	109.79	2.2000	1.554
	26.00	1248.8	1213.8	109.84	2.1538	1.559
	27.00	1250.9	1215.9	109.89	2.1111	1.565
	28.00	1252.8	1217.8	109.94	2.0714	1.569
	29.00	1254.5	1219.5	109.98	2.0345	1.574
	30.00	1256.1	1221.1	110.03	2.0000	1.578
	31.00	1257.6	1222.7	110.06	1.9677	1.582
***** End Shut-in 1	32.00	1259.0	1224.0	110.11	1.9375	1.585
***** Final Hydro.	147.00	2086.3	0.0	110.94		

# TEST HISTORY

9598 DST #2 Regan #1 Pelican Hill Oil & Gas

## Flag Points

	t (Min.)	P (PSIg)
A:	0.00	2115.56
B:	0.00	19.46
C:	30.00	34.99
D:	32.00	1258.99
Q:	0.00	2086.27

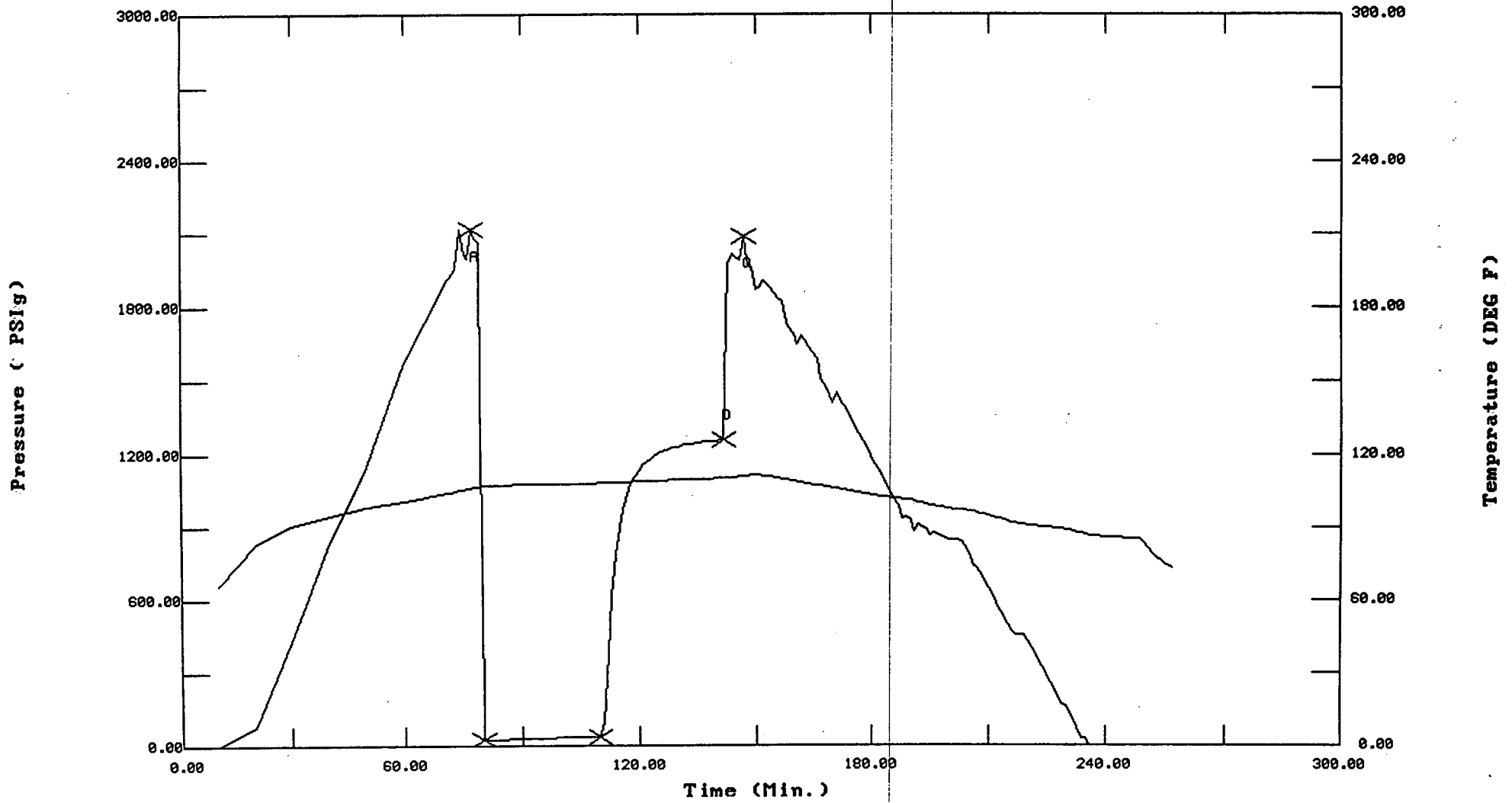
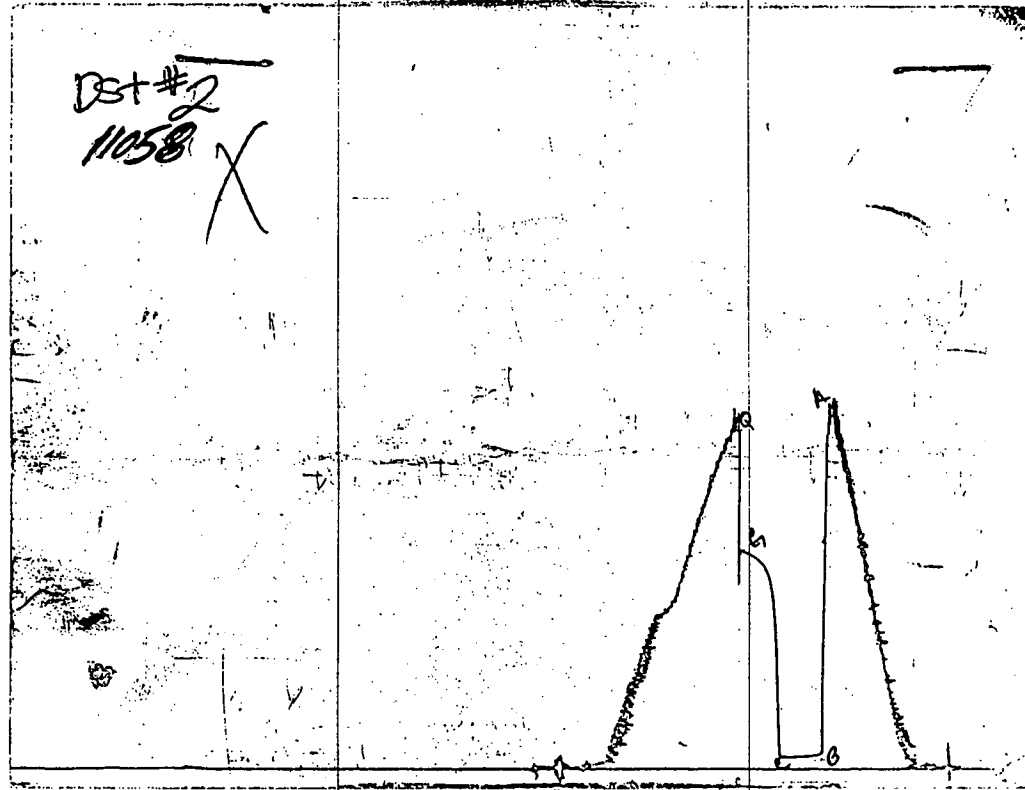




CHART PAGE



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

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