

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

API NO. 15- 033-210960000

ORIGINAL

County Comanche

50'S&50'W- C - NW Sec. 14 Twp. 32S Rge. 18 XW

CONFIDENTIAL

Operator: License # 31120

Name: Pelican Hill Oil & Gas

Address 1401 N El Camino Real

Suite 203

City/State/Zip San Clemente, CA 92672

Purchaser: N/A

Operator Contact Person: Al Gross

Phone (949) 498-2101

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Alan Downing

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.

Gas  ENHR  SIGW

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

If Workover:

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

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

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

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBTB

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

5-31-00 6-14-00 6-14-00

Spud Date Date Reached TD Completion Date

1370 Feet from S (circle one) Line of Section

1270 Feet from E (circle one) Line of Section

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

Lease Name Harness Well # 1-14

Field Name Wildcat

Producing Formation None

Elevation: Ground 2103' KB 2115'

Total Depth 5810 PBTB \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 677 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set DEC 17 2001 Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cnt.

Drilling Fluid Management Plan D & A 9/10/25/00  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume 2 loads/sbbls

Dewatering method used Hauled off location.

Frac. Tank

Location of XXXXXX if hauled offsite:

Mud/free fluids are moved from well to

well.

Operator Name Pelican Hill Oil & Gas, Inc.

Lease Name Thompson #1-13 License No. 31120

NW Quarter Sec. 13 Twp. 32 S Rng. 18 XW

County Comanche Docket No. \_\_\_\_\_

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. Gross

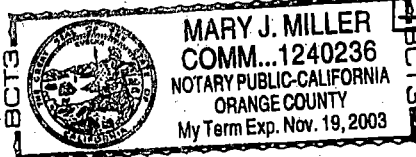
Title Allen J. Gross, President Date 09/15/00

Subscribed and sworn to before me this 15 day of September, 2000.

Notary Public Mary J. Miller

Date Commission Expires 11/19/03

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"/> NGPA
		<input type="checkbox"/> Other
		(Specify)



X

**SIDE TWO**

Operator Name: Pelican Hill Oil & Gas Lease Name: Harness Well # 1-14

Sec. 14 Twp. 32S Rge. 18  East  West  
 County Comanche

**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 Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No List All E.Logs Run: None	<table border="0"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datums</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Wabunsee</td> <td>3476</td> <td>-1361</td> </tr> <tr> <td>Heebner</td> <td>4329</td> <td>-2214</td> </tr> <tr> <td>Douglas Shale</td> <td>4388</td> <td>-2253</td> </tr> <tr> <td>Lansing</td> <td>4504</td> <td>-2389</td> </tr> <tr> <td>Drum</td> <td>4716</td> <td>-2601</td> </tr> <tr> <td>BKC</td> <td>4973</td> <td>-2858</td> </tr> <tr> <td>Marmaton</td> <td>4988</td> <td>-2873</td> </tr> <tr> <td>Altamont</td> <td>5030</td> <td>-2915</td> </tr> <tr> <td>Poros.</td> <td>5042</td> <td>-2927</td> </tr> <tr> <td>Pawnee</td> <td>5080</td> <td>-2965</td> </tr> <tr> <td>Fort Scott</td> <td>5116</td> <td>-3001</td> </tr> <tr> <td>Cherokee Shale</td> <td>5126</td> <td>-3011</td> </tr> <tr> <td>Mississippi</td> <td>5178</td> <td>-3063</td> </tr> <tr> <td>Viola</td> <td>5750</td> <td>-3635</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample	Name	Top	Datum	Wabunsee	3476	-1361	Heebner	4329	-2214	Douglas Shale	4388	-2253	Lansing	4504	-2389	Drum	4716	-2601	BKC	4973	-2858	Marmaton	4988	-2873	Altamont	5030	-2915	Poros.	5042	-2927	Pawnee	5080	-2965	Fort Scott	5116	-3001	Cherokee Shale	5126	-3011	Mississippi	5178	-3063	Viola	5750	-3635
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CASING RECORD <input checked="" 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"	25#	677'	65/35 Pos Class A	225 100	3% cc, 1/2 sk 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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1080'	60/40 poz.	135 sx	60/40 poz. 6% gel

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

<b>TUBING RECORD</b>		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 Bbls.	Gas Mcf	Water 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: \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

4383

**CONFIDENTIAL**

Federal Tax I.D.#/ KCC

**ORIGINAL**

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

SEP 15 2000 SERVICE POINT:

*MEDICINE LODGE*

**CONFIDENTIAL**

DATE <u>9/31/00</u>	SEC <u>14</u>	TWP. <u>32S</u>	RANGE <u>18W</u>	CALLED OUT <u>3:00 PM</u>	ON LOCATION <u>4:15 PM</u>	JOB START <u>9:30 AM</u>	JOB FINISH <u>10:00 PM</u>
LEASE <u>HARNESS</u>	WELL # <u>1-14</u>	LOCATION <u>MM#188 ON 160</u>			COUNTY <u>COMANCHE</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)		<u>1 1/4", 45</u>					

CONTRACTOR ABERCROMBIE #4  
 TYPE OF JOB SURFACE 156  
 HOLE SIZE 12 1/4" T.D. 677'  
 CASING SIZE 8 5/8" X 25# DEPTH 677'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 700\* MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 48.95'  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 39 1/2 - BBLs FRESH H2O

OWNER PELICAN HILL OIL & GAS  
 CEMENT AMOUNT ORDERED  
225sx 65:35:6 + 3% CALZ + 1/4" FIO-SEA  
100sx CLASS A + 3% CALZ + 2% CAL  
 COMMON A 100 @ 6.35 635.00  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_  
 GEL 2 @ 9.50 19.00  
 CHLORIDE 11 @ 28.00 308.00  
 ALLW 225\* @ 6.00 1350.00  
 FIO-SEA 56# @ 1.15 64.40  
 \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_  
 HANDLING 325 @ 1.05 341.25  
 MILEAGE 325 X 38 @ .04 494.00

**EQUIPMENT**  
 PUMP TRUCK CEMENTER KEVIN BRUNDAWT  
 # 233-302 HELPER MARK BRUNDAWT  
 BULK TRUCK  
 # 353-251 DRIVER MIKE RUCKER  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

RELEASED  
 DEC 17 2001  
 TOTAL \$3211.65

**REMARKS:**

RUN 8 5/8" 156 + BREAK CIRCULATION  
PUMP 5 BBLs FRESH WATER  
MIX 225sx 65:35:6 + 3% CAL + 1/4" FIO-SEA  
MIX 100sx CLASS A + 3% CAL + 2% CAL  
DISPLACE PLUG TO 628' / 39 1/2 BBLs H2O  
CEMENT DID CIRCULATE!

**SERVICE FROM CONFIDENTIAL**  
 DEPTH OF JOB 677'  
 PUMP TRUCK CHARGE 0-300' 470.00  
 EXTRA FOOTAGE 317' @ .43 162.11  
 MILEAGE 38 @ 3.00 114.00  
 PLUG 8 5/8" TRP @ 90.00 90.00  
 \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_

CHARGE TO: PELICAN HILL OIL & GAS, INC.  
 STREET 1401 N. EL CAMINO REAL, S. 203  
 CITY SAN CLEMENTE STATE CALIF. ZIP 9

TOTAL \$836.11  
**FLOAT EQUIPMENT**  
1 - BATTLE PLATE @ 45.00 45.00  
1 - BASKET @ 180.00 180.00  
2 - CENTRALIZERS @ 55.00 110.00  
 \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_ \_\_\_\_\_  
 TOTAL \$335.00

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 Neil Markle

TAX \_\_\_\_\_  
 TOTAL CHARGE \$4382.76  
 DISCOUNT 438.28 IF PAID IN 30 DAYS  
 NET \$3944.48  
NEIL MARKLE  
 PRINTED NAME

# ALLIED CEMENTING CO., INC. 4434

**CONFIDENTIAL**

Federal Tax I.D. # \_\_\_\_\_

KCC

**ORIGINAL**

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

SEP 15 2001

SERVICE POINT:

med lodge

DATE <u>6-14-00</u>	SEC. <u>14</u>	TWP. <u>32</u>	RANGE <u>18</u>	CALLED OUT <u>12:00A.M.</u>	ON LOCATION <u>3:30A.M.</u>	JOB START <u>8:15A.M.</u>	JOB FINISH <u>10:15A.M.</u>
LEASE <u>Harness</u>		WELL # <u>1-14</u>		LOCATION <u>Coldwater 4E-1/4s-E/s</u>		COUNTY <u>Comanche</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR Abercrombie RTD

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. \_\_\_\_\_

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

DRILL PIPE 4 1/2 DEPTH 1080

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

PRES. MAX 200 MINIMUM 100

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

CEMENT LEFT IN CSG. \_\_\_\_\_

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

DISPLACEMENT \_\_\_\_\_

OWNER Pelican Hill Oil + GAS

CEMENT

AMOUNT ORDERED 135SX.60/40/6

**EQUIPMENT**

PUMP TRUCK CEMENTER Larry Dreiling

# 343 HELPER Justin

BULK TRUCK

# 301 DRIVER mike

BULK TRUCK

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

COMMON	<u>81</u>	@ <u>6.35</u>	<u>514.35</u>
POZMIX	<u>54</u>	@ <u>3.25</u>	<u>175.50</u>
GEL	<u>7</u>	@ <u>9.50</u>	<u>66.50</u>
CHLORIDE		@ _____	
		@ _____	
		@ _____	
		@ _____	
		@ _____	
HANDLING	<u>135</u>	@ <u>1.05</u>	<u>141.75</u>
MILEAGE	<u>135 x 38</u>	.04	<u>205.20</u>

RELEASED

DEC 17 2001

TOTAL \$1103.30

**REMARKS:**

1080 w/50sx

700 w/50sx

40' w/10sx

Rathole w/15sx

mousehole w/10sx

FROM CONFIDENTIAL SERVICE

DEPTH OF JOB	<u>1080</u>		
PUMP TRUCK CHARGE			<u>470.00</u>
EXTRA FOOTAGE		@ _____	
MILEAGE	<u>38</u>	@ <u>3.00</u>	<u>114.00</u>
PLUG		@ _____	
		@ _____	
		@ _____	

TOTAL \$584.00

CHARGE TO: Pelican Hill Oil + Gas Inc.

STREET 1401 N. El Camino Real #207

CITY San Clemente STATE CA. ZIP 92672

**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 \$1687.30

DISCOUNT 168.73 IF PAID IN 30 DAYS

SIGNATURE X Sam Williams

\$1518.57

X SAM WILLIAMS JR

PRINTED NAME

ORIGINAL

WELL NAME: Harness #1-14  
COMPANY: Pelican Hill Oil & Gas  
LOCATION: 14-32s-18w  
DATE: DEC 17, 2001  
Comanche co Kansas  
6/21/00

KCC

SEP 15 2000

CONFIDENTIAL

CONFIDENTIAL

RELEASED

DEC 17 2001

FROM CONFIDENTIAL

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Pelican Hill Oil & Gas DATE 06-08-000  
 WELL NAME: Harness #1-14 KB 2029.00 ft TICKET NO: 12860 DST #1  
 LOCATION : 14-32s-18w Comanche co KS GR 2018.00 ft FORMATION: Altamont  
 INTERVAL : 5030.00 To 5070.00 ft TD 5070.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10248	10248	2342			PF Fr. 0350 to 0420 hr
SI 45	Range(Psi )	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 0420 to 0505 hr
SF 30	Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 0505 to 0535 hr
FS 45	Depth(ft )	5067.0	5067.0	5036.0	0.0	0.0	FS Fr. 0535 to 0620 hr

	Field	1	2	3	4	
A. Init Hydro	2459.0	2469.0	2474.0	0.0	0.0	T STARTED 0027 hr
B. First Flow	30.0	38.0	24.0	0.0	0.0	T ON BOTM 0340 hr
B1. Final Flow	103.0	99.0	108.0	0.0	0.0	T OPEN 0350 hr
C. In Shut-in	1806.0	1803.0	1813.0	0.0	0.0	T PULLED 0622 hr
D. Init Flow	116.0	136.0	110.0	0.0	0.0	T OUT 0850 hr
E. Final Flow	173.0	168.0	161.0	0.0	0.0	
F. Fl Shut-in	1793.0	1788.0	1796.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2371.0	2376.0	2367.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 90000.00 lbs
						Initial Str Wt 78000.00 lbs
						Unseated Str Wt 78000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 270.00 ft
						D.P. Length 4739.00 ft

RECOVERY

Tot Fluid 275.00 ft of 270.00 ft in DC and 5.00 ft in DP  
 95.00 ft of Drilling mud  
 0.00 ft of 100% mud  
 180.00 ft of Muddy water  
 0.00 ft of 90% water 10% mud  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of Rw .058 ohms @ 87 degrees F.  
 0.00 ft of EST.FT. of PAY-----5  
 SALINITY 108000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:  
 Weak blow. 1/4".

Initial Shut-In:  
 No blow.

Final Flow:  
 Weak blow. 1 - 2".

Final Shut-In:  
 No blow.

SAMPLES: None  
 SENT TO: Caraway/Liberal

KCC  
 SEP 15 2000  
 CONFIDENTIAL

RELEASED

DEC 17 2001

FROM CONFIDENTIAL

Test Successful: Y

MUD DATA-----  
 Mud Type Chemical  
 Weight 9.20 lb/c  
 Vis. 48.00 S/L  
 W.L. 10.40 in3  
 F.C. 0.20 in  
 Mud Drop N  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 124.00 F  
 Hole Condition Fair  
 % Porosity 9.00  
 Packer Size 6.75 in  
 No. of Packers 2  
 Cushion Amt. 0.00 N  
 Cushion Type None  
 Reversed Out N  
 Tool Chased N  
 Tester Gary Pevoteaux  
 Co. Rep. Al Downing  
 Contr. Abercrombie Drlg  
 Rig # 4  
 Unit #  
 Pump T. LCM 2 #/bl

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Harness #1-14

LOCATION : 14-32s-18w Comanche co KS

TICKET No. 12860 D.S.T. No. 1 DATE 06-08-000

TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27

INTERVAL TOOL .....

BOTTOM PACKERS AND ANCHOR ..... 40

TOTAL TOOL ..... 67

DRILL COLLAR ANCHOR IN INTERVAL .....

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY ..... 67

D.C. ABOVE TOOLS.Stands3 Single Total 270

D.P. ABOVE TOOLS.Stands50 Single 2 Total 4739

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5076

TOTAL DEPTH ..... 5070

TOTAL DRILL PIPE ABOVE K.B. .... 6

REMARKS:  
Comments:

FLUID SAMPLER DATA (not run)

GAS----- cubic ft  
 OIL----- ML.  
 MUD----- ML.  
 WATER----- ML.  
 OTHER-----  
 PRESSURE----- PSI  
 Rw ----- ohms @ deg. F.  
 CHLORIDES----- ppm.  
 GRAVITY----- deg.API

H	P.O. SUB	
H	C.O. SUB @ top of tool	5003
H	S.I. TOOL Sterling	5009
H		
H	HMV Sterling	5014
H	JARS bowen	5019
H		
H	SAFETY JOINT bowen	5021
H	PACKER Top	5025
H	PACKER Btm.	5030
H	DEPTH 1 ft.	5031
H	ANCHOR	
H	perfs	
H	Alpine rec. @ 5036	
H		
H		
H		
H		
H	34' perfs to	5065
H		
H	AK-1 rec. @ 5067	
H		
H	BULLNOSE 5 ft. perforated	5070
H	T.D.	

# TEST HISTORY

12860 DST#1 HARNESS #1-14 PELICAN HILL OIL & GAS

Flag Points

t(Min.) P( PSig)

A:	0.00	2474.35
B:	0.00	24.25
C:	29.50	108.01
D:	45.00	1813.00
E:	0.00	110.19
F:	28.50	160.80
G:	47.00	1795.80
Q:	0.00	2366.59

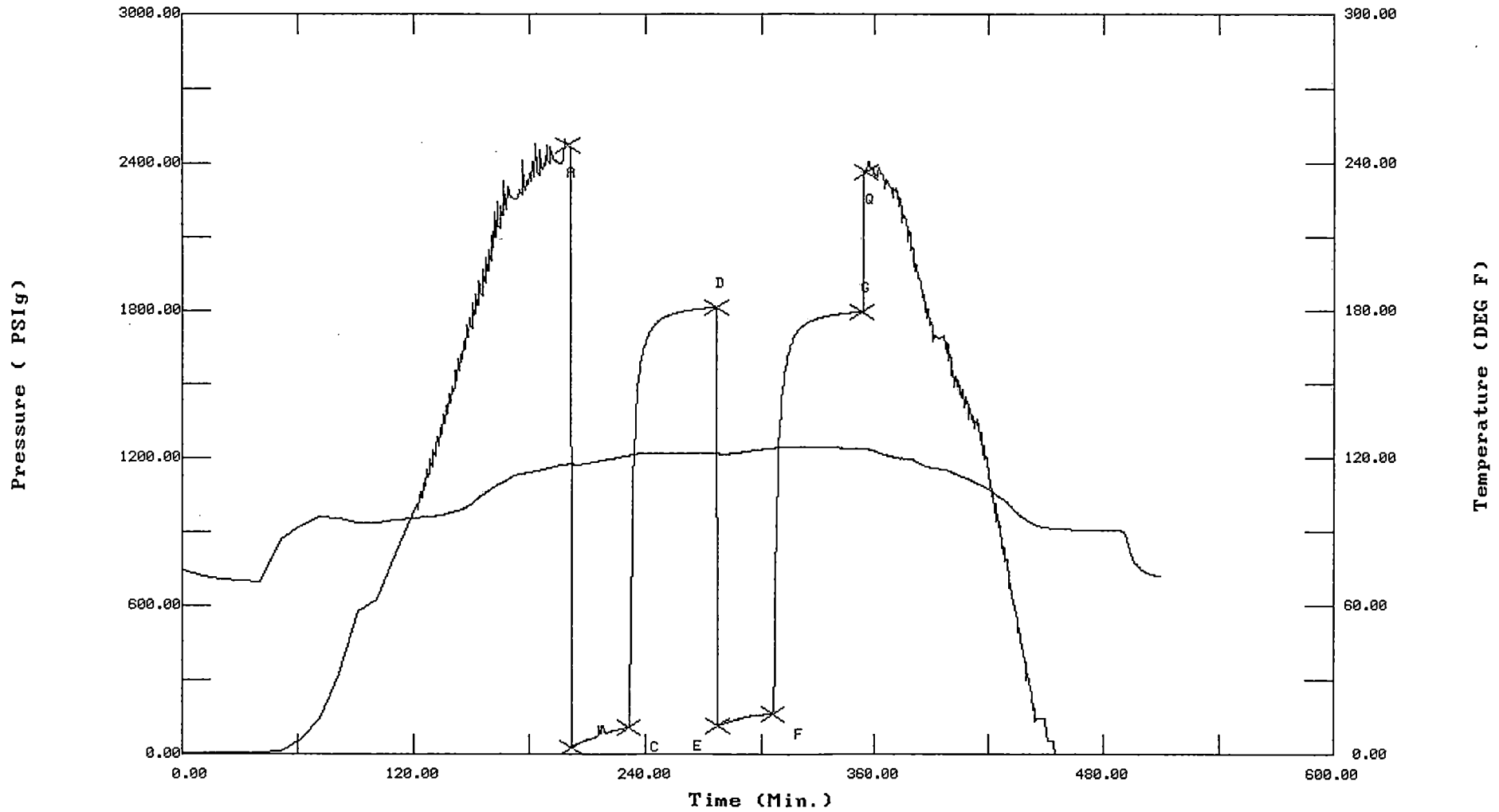
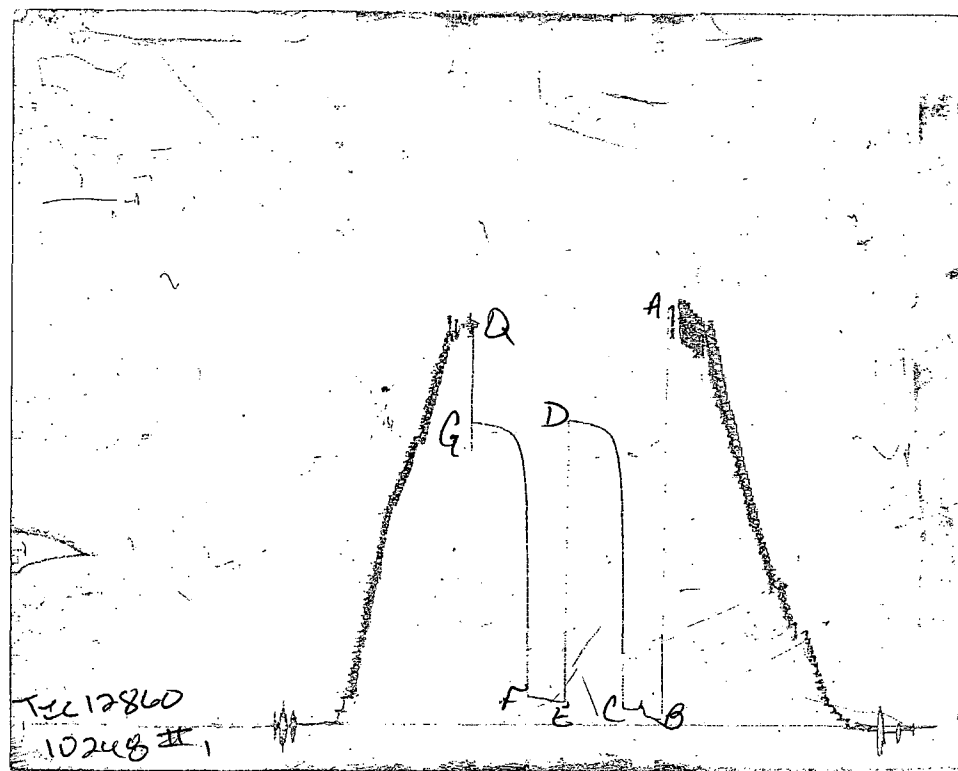




CHART PAGE



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 12860

Well Name & No. <u>Harness # 1-14</u>	Test No. <u>1</u>	Date <u>6-8-2000</u>
Company <u>Pelican Hill Oil &amp; Gas</u>	Zone Tested <u>Altamont</u>	
Address <u>San Clemente Ca. 92672</u>	Elevation <u>2115</u> KB <u>2103</u> GL	
Co. Rep / Geo. <u>Al Downing</u>	Cont. <u>Aburombie Dly #4</u>	Est. Ft. of Pay <u>5</u> Por. <u>    </u> %
Location: Sec. <u>14</u> Twp. <u>32S</u> Rge. <u>18W</u>	Co. <u>Comanche</u> State <u>Ks.</u>	
No. of Copies <u>5</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>    </u> Evaluation (Y, N) <u>    </u>

Interval Tested <u>5030 - 5070'</u>	Initial Str Wt./Lbs. <u>78,000</u>	Unseated Str Wt./Lbs. <u>78,000</u>
Anchor Length <u>40'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>90,000</u>
Top Packer Depth <u>5025'</u>	Tool Weight <u>2100#</u>	
Bottom Packer Depth <u>5030'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>5070'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>270'</u>
Mud Wt. <u>9.2</u> LCM <u>2#</u> Vis. <u>48</u> WL <u>10.4</u>	Drill Pipe Size <u>4 1/2" X.H.</u>	Ft. Run <u>4739'</u>
Blow Description <u>IF: Weak blow, 1-4" ISI: No blow.</u>		
<u>FF: Weak blow, 1-2" FSI: No blow</u>		

Recovery — Total Feet <u>275</u>	GIP <u>None</u>	Ft. in DC <u>270</u>	Ft. in DP <u>5</u>
Rec. <u>95</u> Feet Of <u>Dry Mud.</u>	%gas	%oil	%water %mud
Rec. <u>180</u> Feet Of <u>M.W.</u>	%gas	%oil <u>90</u>	%water <u>10</u> %mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water %mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water %mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water %mud
BHT <u>124</u> °F Gravity <u>N/A</u>	°API D@ <u>    </u>	°F Corrected Gravity <u>N/A</u>	°API <u>    </u>
RW <u>.058</u> @ <u>87</u> °F	Chlorides <u>108,000</u> ppm	Recovery Chlorides <u>6,000</u> ppm	System

(A) Initial Hydrostatic Mud	AK-1 <u>2459</u>	Alpine <u>2474</u>	PSI Recorder No. <u>2342</u>	T-On Location <u>2330</u>
(B) First Initial Flow Pressure	<u>30</u>	<u>24</u>	PSI (depth) <u>5036'</u>	T-Started <u>0027</u>
(C) First Final Flow Pressure	<u>103</u>	<u>108</u>	PSI Recorder No. <u>10248</u>	T-Open <u>0350</u>
(D) Initial Shut-In Pressure	<u>1806</u>	<u>1813</u>	PSI (depth) <u>5067'</u>	T-Pulled <u>0622</u>
(E) Second Initial Flow Pressure	<u>116</u>	<u>110</u>	PSI Recorder No. <u>    </u>	T-Out <u>0850</u>
(F) Second Final Flow Pressure	<u>173</u>	<u>161</u>	PSI (depth) <u>    </u>	T-Off Location <u>0940</u>
(G) Final Shut-in Pressure	<u>1793</u>	<u>1796</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>800</u>
(Q) Final Hydrostatic Mud	<u>2371</u>	<u>2367</u>	PSI Initial Shut-in <u>45</u>	Jars <input checked="" type="checkbox"/> <u>200</u>
			Final Flow <u>30</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
			Final Shut-in <u>45</u>	Straddle <u>    </u>
			<u>    </u>	Circ. Sub <u>    </u>
			<u>    </u>	Sampler <u>    </u>
				Extra Packer <u>    </u>
				Elec. Rec. <input checked="" type="checkbox"/> <u>150</u>
				Mileage <u>    </u>
				Other <u>    </u>

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By [Signature]  
 Our Representative Gary P. [Signature]

TOTAL PRICE \$ 1200 <sup>00</sup>

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas DATE 06-08-000.  
 WELL NAME: Harness #1-14 KB 2115.00 ft TICKET NO: 12861 DST #2  
 LOCATION : 14-32s-18w Comanche co KS GR 2103.00 ft FORMATION: Pawnee/Ft.Scott  
 INTERVAL : 5095.00 To 5146.00 ft TD 5146.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	10248	10248	2342			PF Fr. 2304 to 2334 hr
SI 30	Range(Psi )	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 2334 to 0004 hr
SF 30	Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 0004 to 0034 hr
FS 30	Depth(ft )	5143.0	5143.0	5108.0	0.0	0.0	FS Fr. 0034 to 0104 hr

	Field	1	2	3	4	
A. Init Hydro	2547.0	2560.0	2550.0	0.0	0.0	T STARTED 2044 hr
B. First Flow	43.0	54.0	38.0	0.0	0.0	T ON BOTM 2300 hr
B1. Final Flow	50.0	63.0	56.0	0.0	0.0	T OPEN 2304 hr
C. In Shut-in	1187.0	1166.0	1176.0	0.0	0.0	T PULLED 0105 hr
D. Init Flow	64.0	75.0	55.0	0.0	0.0	T OUT 0335 hr
E. Final Flow	82.0	86.0	76.0	0.0	0.0	
F. Fl Shut-in	1045.0	1034.0	1040.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2507.0	2507.0	2487.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 90000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 80000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 270.00 ft
						D.P. Length 4830.00 ft

RECOVERY

Tot Fluid	90.00 ft of	90.00 ft in DC and	0.00 ft in DP			
90.00	ft of Heavy mud					
0.00	ft of 100% mud					
0.00	ft of					
0.00	ft of					
0.00	ft of					
0.00	ft of					
0.00	ft of Rw n.c. ohms @	degrees F.				
0.00	ft of EST.FT. of PAY-----	6				
SALINITY	6000.00 P.P.M.	A.P.I. Gravity	0.00			

BLOW DESCRIPTION

Initial Flow:  
Weak blow. 1-5"

Initial Shut-In:  
No blow.

Final Flow:  
Weak blow. 1/2".

Final Shut-In:  
No blow.

SAMPLES: None  
SENT TO: Caraway/Liberal

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	55.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	118.00 F
Hole Condition	Fair
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased N	
Tester	Gary Pevoteaux
Co. Rep.	Al Downing
Contr.	Abercrombie Drlg
Rig #	4
Unit #	
Pump T.	LCM 3 #/bl

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Harness #1-14		P.O. SUB	
		C.O. SUB @ top of tool	5068
LOCATION : 14-32s-18w Comanche co KS		S.I. TOOL Sterling	5074
TICKET No. 12861 D.S.T. No. 2 DATE 06-08-000			
TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27		HMV Sterling	5079
INTERVAL TOOL .....			
BOTTOM PACKERS AND ANCHOR ..... 20		JARS bowen	5084
TOTAL TOOL ..... 47			
DRILL COLLAR ANCHOR IN INTERVAL .....			
D.C. ANCHOR STND.Stands Single Total		SAFETY JOINT bowen	5086
D.P. ANCHOR STND.Stands Single 1 Total 31		PACKER Top	5090
TOTAL ASSEMBLY ..... 78		PACKER Btm.	5095
D.C. ABOVE TOOLS.Stands3 Single Total 270		DEPTH 5095	
D.P. ABOVE TOOLS.Stands51 Single 2 Total 4830		1 ft.	5096
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5178		ANCHOR	
TOTAL DEPTH ..... 5146		8'perfs & sub to	5104
TOTAL DRILL PIPE ABOVE K.B. .... 32		Alpine rec. @ 5108	
REMARKS:			
Comments:			
FLUID SAMPLER DATA (not run)			
GAS-----	cubic ft		
OIL-----	ML.		
MUD-----	ML.	1 jt.pipe & sub to	5136
WATER-----	ML.		
OTHER-----			
PRESSURE-----	PSI		
Rw ----- ohms @	deg. F.	5' perfs to	5141
CHLORIDES-----	ppm.		
GRAVITY-----	deg.API		
		AK-1 rec. @ 5143	
		BULLNOSE 5 ft. perforated	5146
		T.D.	

# TEST HISTORY

12861 DST#2 HARNESS #1-14 PELICAN HILL OIL & GAS

## Flag Points

	t (Min.)	P (PSig)
A:	0.00	2550.47
B:	0.00	38.09
C:	29.50	56.31
D:	32.00	1176.49
E:	0.00	55.47
F:	28.50	75.61
G:	32.00	1040.19
Q:	0.00	2487.02

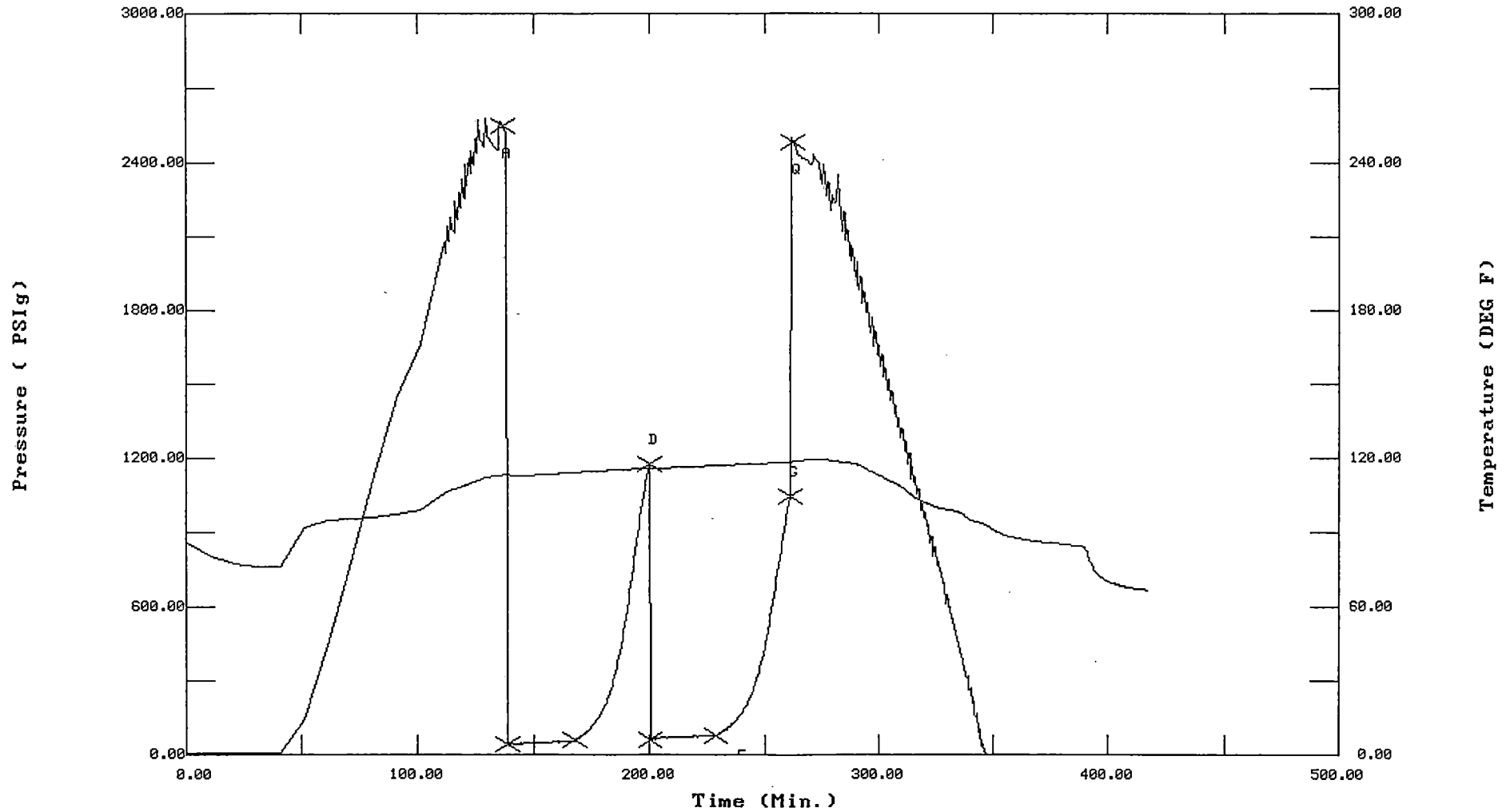
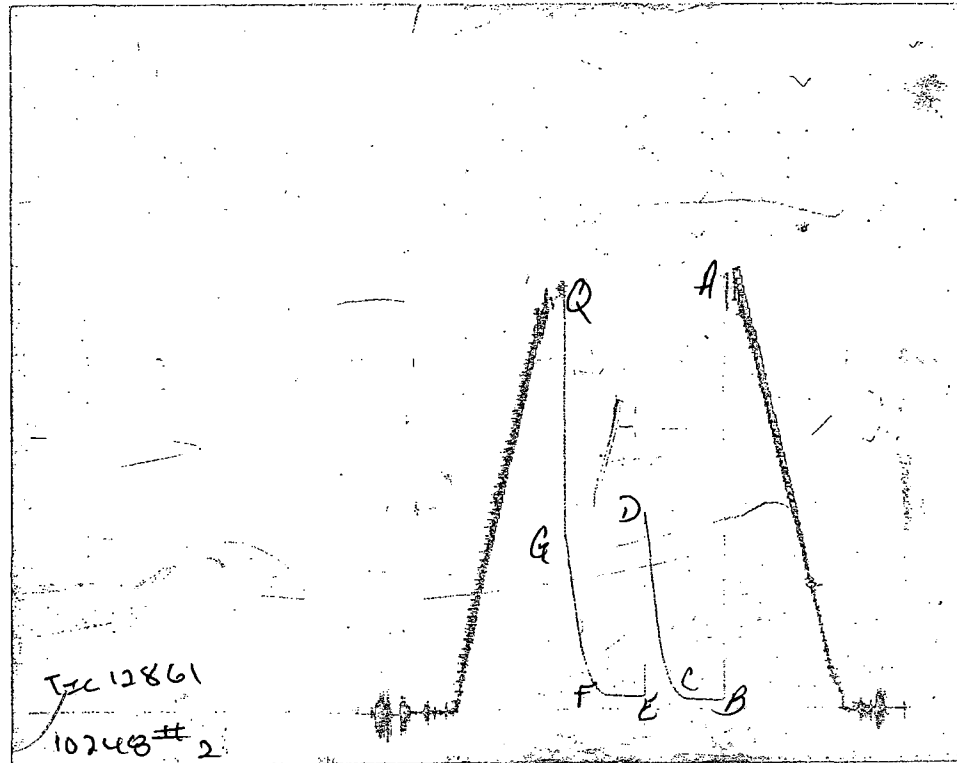


CHART PAGE



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

N<sup>o</sup> 12861

Well Name & No. <u>Harness # 1-14</u>	Test No. <u>2</u>	Date <u>6-8-2000</u>
Company <u>Pelican Hill Oil &amp; Gas</u>	Zone Tested <u>Parneel / Ft. Scott</u>	
Address <u>San Clemente Co. 92672</u>	Elevation <u>2115</u> KB <u>2103</u> GL	
Co. Rep / Geo. <u>Al Downing</u>	Cont. <u>Alberconbie Drly #4</u>	Est. Ft. of Pay <u>6</u> Por. <u>    </u> %
Location: Sec. <u>14</u> Twp. <u>32<sup>s</sup></u> Rge. <u>18<sup>w</sup></u>	Co. <u>Comanche</u> State <u>Ks.</u>	
No. of Copies <u>5</u> Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>    </u>	Evaluation (Y, N) <u>    </u>

Interval Tested <u>5095 - 5146'</u>	Initial Str Wt./Lbs. <u>80,000</u> Unseated Str Wt./Lbs. <u>80,000</u>
Anchor Length <u>51'</u>	Wt. Set Lbs. <u>20,000</u> Wt. Pulled Loose/Lbs. <u>90,000</u>
Top Packer Depth <u>5090'</u>	Tool Weight <u>2100<sup>#</sup></u>
Bottom Packer Depth <u>5095'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/> Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>5146'</u>	Wt. Pipe Run <u>None</u> Drill Collar Run <u>270'</u>
Mud Wt. <u>9.0</u> LCM <u>3<sup>#</sup></u> Vis. <u>SS</u> WL <u>8.8cc.</u>	Drill Pipe Size <u>4 1/2" X. H.</u> Ft. Run <u>4030'</u>
Blow Description <u>IF: Weak blow, 1-5", ISI: No blow,</u>	
<u>FF: Weak blow, 1/2", FSI: No blow,</u>	

Recovery — Total Feet <u>90</u>	GIP <u>None</u>	Ft. in DC <u>90</u>	Ft. in DP <u>0</u>	
Rec. <u>90</u> Feet Of <u>Heavy Mud.</u>	%gas	%oil	%water	%mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water	%mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water	%mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water	%mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water	%mud

BHT 118 °F Gravity N/A °API D<sub>40</sub>      °F Corrected Gravity N/A °API  
 RW N.C. @      °F Chlorides 6,000 ppm Recovery Chlorides 6,000 ppm System

(A) Initial Hydrostatic Mud	AK-1 <u>2547</u>	Alpine <u>2550</u>	PSI Recorder No. <u>alp. 2342</u>	T-On Location <u>2030</u>
(B) First Initial Flow Pressure	<u>43</u>	<u>38</u>	PSI (depth) <u>5108'</u>	T-Started <u>2044</u>
(C) First Final Flow Pressure	<u>50</u>	<u>56</u>	PSI Recorder No. <u>10248</u>	T-Open <u>2304</u>
(D) Initial Shut-In Pressure	<u>1187</u>	<u>1176</u>	PSI (depth) <u>5143'</u>	T-Pulled <u>0105</u>
(E) Second Initial Flow Pressure	<u>64</u>	<u>55</u>	PSI Recorder No. <u>    </u>	T-Out <u>0335</u>
(F) Second Final Flow Pressure	<u>82</u>	<u>76</u>	PSI (depth) <u>    </u>	T-Off Location <u>0415</u>
(G) Final Shut-in Pressure	<u>1045</u>	<u>1040</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/> <u>800</u>
(Q) Final Hydrostatic Mud	<u>2507</u>	<u>2487</u>	PSI Initial Shut-in <u>30</u>	Jars <input checked="" type="checkbox"/> <u>200</u>
			Final Flow <u>30</u>	Safety Joint <input checked="" type="checkbox"/> <u>50</u>
			Final Shut-in <u>30</u>	Straddle <u>    </u>
			<u>4</u>	Circ. Sub <u>    </u>
				Sampler <u>    </u>
				Extra Packer <u>    </u>
				Elec. Rec. <input checked="" type="checkbox"/> <u>150</u>
				Mileage <u>    </u>
				Other <u>    </u>

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Approved By Al Downing  
 Our Representative Cory R. [Signature]

TOTAL PRICE \$  1200<sup>00</sup>

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas DATE 06-09-000  
 WELL NAME: Harness #1-14 KB 2115.00 ft TICKET NO: 12862 DST #3  
 LOCATION : 14-32s-18w Comanche co KS GR 2103.00 ft FORMATION: Mississippi  
 INTERVAL : 5175.00 To 5256.00 ft TD 5256.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	2342			PF Fr. 2107 to 2137 hr
SI 60 Range(Psi )	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 2137 to 2237 hr
SF 30 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 2237 to 2307 hr
FS 60 Depth(ft )	5253.0	5253.0	5188.0	0.0	0.0	FS Fr. 2307 to 0007 hr

	Field	1	2	3	4	
A. Init Hydro	2636.0	2614.0	2596.0	0.0	0.0	T STARTED 1900 hr
B. First Flow	64.0	65.0	60.0	0.0	0.0	T ON BOTM 2100 hr
Bl. Final Flow	64.0	70.0	54.0	0.0	0.0	T OPEN 2107 hr
C. In Shut-in	502.0	497.0	489.0	0.0	0.0	T PULLED 0007 hr
D. Init Flow	82.0	77.0	45.0	0.0	0.0	T OUT 0255 hr
E. Final Flow	91.0	90.0	75.0	0.0	0.0	
F. Fl Shut-in	312.0	297.0	292.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2536.0	2562.0	2490.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 110000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 81000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 270.00 ft
						D.P. Length 4893.00 ft

RECOVERY

Tot Fluid 110.00 ft of 110.00 ft in DC and 0.00 ft in DP  
 1800.00 ft of Gas in pipe.  
 110.00 ft of Drilling mud  
 0.00 ft of 100% mud  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of Rw n.c. ohms @ degrees F.  
 0.00 ft of EST.FT. of PAY-----20  
 SALINITY 10000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Shut-In:  
 Strong blow. Bottom of bucket in  
 1 1/2 minutes.  
 Initial Shut-In:  
 No blow.  
 Final Flow:  
 Strong blow. Bottom of bucket in 2-3  
 seconds.  
 Final Shut-In:  
 No blow.

SAMPLES: None  
 SENT TO: Caraway/Liberal

Test Successful: Y

MUD DATA-----  
 Mud Type Chemical  
 Weight 9.00 lb/c  
 Vis. 50.00 S/L  
 W.L. 8.80 in3  
 F.C. 0.20 in  
 Mud Drop N  
 Amt. of fill 5.00 ft  
 Btm. H. Temp. 120.00 F  
 Hole Condition Fair  
 % Porosity 10.00  
 Packer Size 6.75 in  
 No. of Packers 2  
 Cushion Amt. 0.00 N  
 Cushion Type None  
 Reversed Out N  
 Tool Chased Y 4.00 ft  
 Tester Gary Pevoteaux  
 Co. Rep. Al Downing  
 Contr. Abercrombie Drlg  
 Rig # 4  
 Unit #  
 Pump T. LCM 3 #/bl



\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Harness #1-14	P.O. SUB	
	C.O. SUB @ top of tool	5148
LOCATION : 14-32s-18w Comanche co KS	S.I. TOOL Sterling	5154
TICKET No. 12862 D.S.T. No. 3 DATE 06-09-000		
TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27		
INTERVAL TOOL .....	HMV Sterling	5159
BOTTOM PACKERS AND ANCHOR ..... 20	JARS bowen	5164
TOTAL TOOL ..... 47		
DRILL COLLAR ANCHOR IN INTERVAL .....		
D.C. ANCHOR STND.Stands Single Total		
D.P. ANCHOR STND.Stands Single 2 Total 61	SAFETY JOINT bowen	5166
TOTAL ASSEMBLY ..... 108	PACKER Top	5170
D.C. ABOVE TOOLS.Stands3 Single Total 270	PACKER Btm.	5175
D.P. ABOVE TOOLS.Stands52 Single 1 Total 4893	DEPTH 5175	
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5271	1 ft.	5176
	ANCHOR	
TOTAL DEPTH ..... 5256	8'perfs & sub to	5184
TOTAL DRILL PIPE ABOVE K.B. .... 15	Alpine rec. @ 5188	
REMARKS:		
Comments:Slid tool approx. 4 ft. to btm.		
FLUID SAMPLER DATA (not run)		
GAS----- cubic ft		
OIL----- ML.		
MUD----- ML.	2jts.pipe & sub to	5246
WATER----- ML.		
OTHER-----		
PRESSURE----- PSI		
Rw ----- ohms @ deg. F.	5' perfs to	5251
CHLORIDES----- ppm.		
GRAVITY----- deg.API		
	AK-1 rec. @ 5253	
	BULLNOSE 5 ft. perforated	5256
	T.D.	

# TEST HISTORY

12862 DST#3 HARNESS #1-14 PELICAN HILL OIL & GAS

## Flag Points

t (Min.)	P (PSIg)
A: 0.00	2595.88
B: 0.00	59.83
C: 28.50	54.46
D: 59.00	489.29
E: 0.00	45.40
F: 31.50	74.86
G: 59.00	292.40
Q: 0.00	2490.21

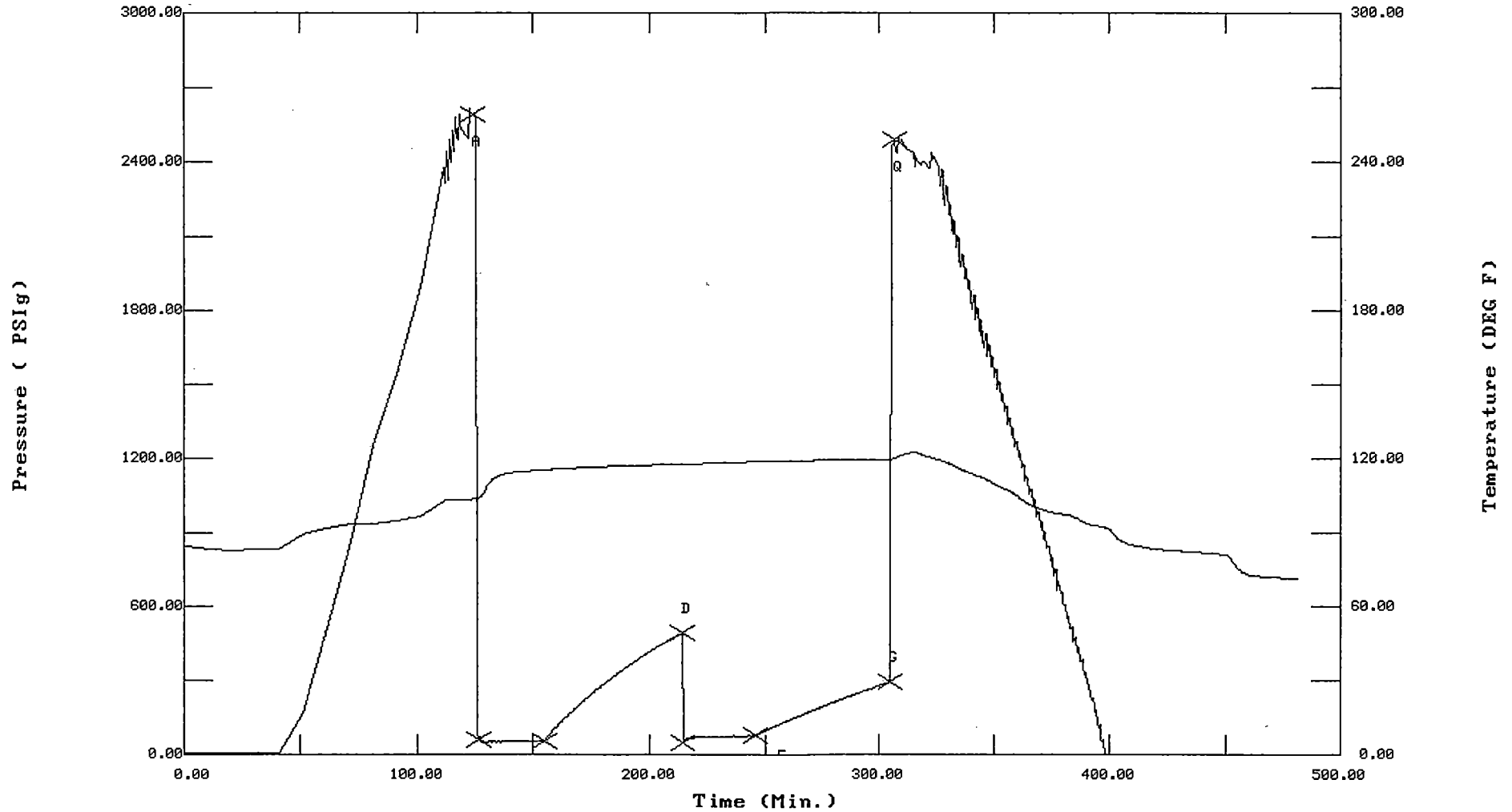
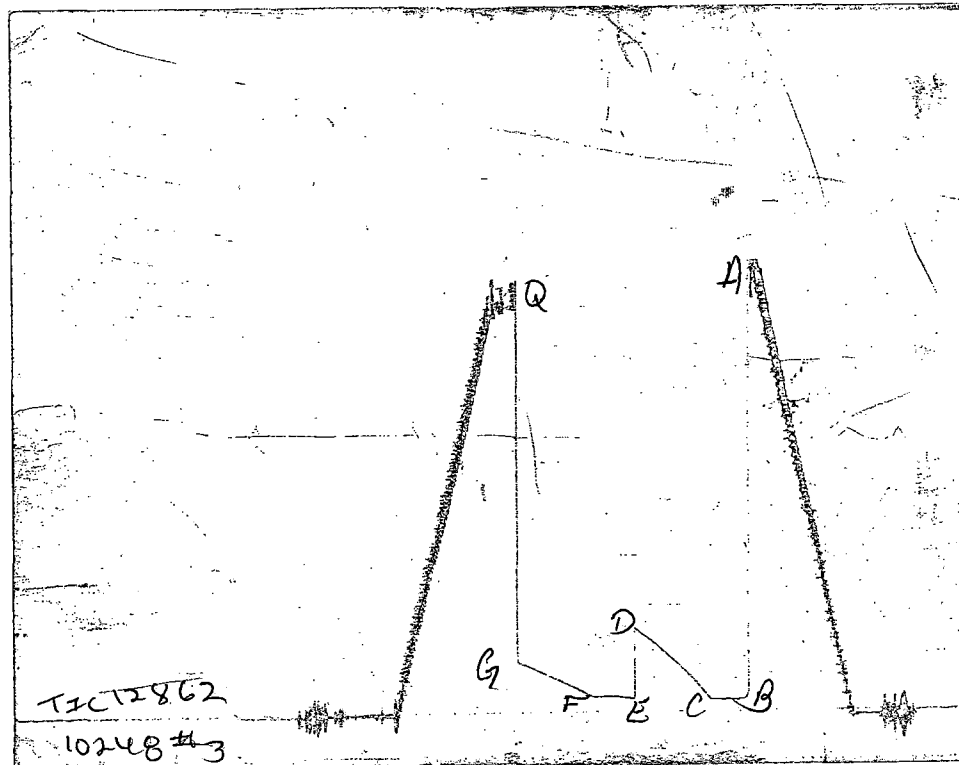


CHART PAGE



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

N<sup>o</sup> 12862

Well Name & No. <u>Harness # 1-14</u>	Test No. <u>3</u>	Date <u>6-9-2000</u>
Company <u>Peterson Hill Oil &amp; Gas</u>	Zone Tested <u>Miss.</u>	
Address <u>San Clemente Ca. 92672</u>	Elevation <u>2115</u> KB <u>2103GL</u>	
Co. Rep / Geo. <u>Al Downing</u>	Cont. <u>Abercrombie Drly #4</u>	Est. Ft. of Pay <u>20</u> Por. <u>    </u> %
Location: Sec. <u>14</u> Twp. <u>32S</u> Rge. <u>18W</u>	Co. <u>Comanche</u> State <u>Ks.</u>	
No. of Copies <u>5</u> Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>-</u>	Evaluation (Y, N) <u>-</u>

Interval Tested <u>5175' - 5256'</u>	Initial Str Wt./Lbs. <u>80,000</u>	Unseated Str Wt./Lbs. <u>81,000</u>
Anchor Length <u>81'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>110,000</u>
Top Packer Depth <u>5170'</u>	Tool Weight <u>2100 #</u>	
Bottom Packer Depth <u>5175'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>5256'</u>	Wt. Pipe Run <u>None</u>	Drill Collar Run <u>270'</u>
Mud Wt. <u>9.0</u> LCM <u>3#</u> Vis. <u>50</u> WL <u>8.8cc</u>	Drill Pipe Size <u>4 1/2" X.H.</u>	Ft. Run <u>4893'</u>
Blow Description <u>IF: Strong blow, BOB in 1 1/2 mins.</u>		
<u>ISI: No below.</u>		
<u>FF: Strong blow, BOB in 2-3 secs, FSI: No below.</u>		
<u>COMMENTS: steel tool approx 4 ft. to botm.</u>		

Recovery — Total Feet <u>110'</u>	GIP <u>1800</u>	Ft. in DC <u>110</u>	Ft. in DP <u>0</u>	
Rec. <u>110</u> Feet Of <u>Dry. Mud.</u>	%gas	%oil	%water	%mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water	%mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water	%mud
Rec. <u>    </u> Feet Of <u>    </u>	%gas	%oil	%water	%mud
BHT <u>120</u> °F Gravity <u>N/A</u>	°API D@ <u>    </u>	°F Corrected Gravity <u>N/A</u>	°API	
RW <u>N.C.</u> @ <u>    </u> °F	Chlorides <u>10,000</u> ppm	Recovery Chlorides <u>10,000</u> ppm	System	

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2636</u>	<u>2596</u>	<u>2342</u>	<u>1820</u>	<u>1820</u>
(B) First Initial Flow Pressure	<u>64</u>	<u>60</u>	<u>5188'</u>	<u>1900</u>	<u>1900</u>
(C) First Final Flow Pressure	<u>64</u>	<u>54</u>	<u>10248</u>	<u>2107</u>	<u>2107</u>
(D) Initial Shut-In Pressure	<u>502</u>	<u>489</u>	<u>5253'</u>	<u>0007</u>	<u>0007</u>
(E) Second Initial Flow Pressure	<u>82</u>	<u>45</u>	<u>    </u>	<u>0255</u>	<u>0255</u>
(F) Second Final Flow Pressure	<u>91</u>	<u>75</u>	<u>    </u>	<u>0340</u>	<u>0340</u>
(G) Final Shut-in Pressure	<u>312</u>	<u>292</u>	Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>	<u>800</u>
(Q) Final Hydrostatic Mud	<u>2536</u>	<u>2490</u>	Initial Shut-in <u>60</u>	Jars <input checked="" type="checkbox"/>	<u>200</u>
			Final Flow <u>30</u>	Safety Joint <input checked="" type="checkbox"/>	<u>50</u>
			Final Shut-in <u>60</u>	Straddle <u>    </u>	
			<u>4</u>	Circ. Sub <u>    </u>	
				Sampler <u>    </u>	
				Extra Packer <u>    </u>	
				Elec. Rec. <input checked="" type="checkbox"/>	<u>150</u>
				Mileage <u>    </u>	
				Other <u>    </u>	

TRILOBITE TESTING L.L.C. SHALL NOT BE LIABLE FOR DAMAGE OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Al Downing

Our Representative Gary Twotemp

TOTAL PRICE \$ 1200<sup>00</sup>

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas DATE 06-10-000  
 WELL NAME: Harness #1-14 KB 2115.00 ft TICKET NO: 12863 DST #4  
 LOCATION : 14-32s-18w Comanche co KS GR 2103.00 ft FORMATION: Mississippi  
 INTERVAL : 5256.00 To 5270.00 ft TD 5270.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	10248	10248	2342			PF Fr. 1430 to 1500 hr
SI 45 Range(Psi )	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 1500 to 1545 hr
SF 30 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. 1545 to 1615 hr
FS 30 Depth(ft )	5267.0	5267.0	5261.0	0.0	0.0	FS Fr. 1615 to 1645 hr

	Field	1	2	3	4	
A. Init Hydro	2625.0	2598.0	2607.0	0.0	0.0	T STARTED 1233 hr
B. First Flow	30.0	31.0	37.0	0.0	0.0	T ON BOTM 1425 hr
B1. Final Flow	53.0	45.0	63.0	0.0	0.0	T OPEN 1430 hr
C. In Shut-in	1594.0	1586.0	1614.0	0.0	0.0	T PULLED 1647 hr
D. Init Flow	60.0	61.0	70.0	0.0	0.0	T OUT 1850 hr
E. Final Flow	94.0	88.0	108.0	0.0	0.0	
F. Fl Shut-in	1473.0	1466.0	1492.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2536.0	2553.0	2520.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 110000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 81000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 270.00 ft
						D.P. Length 4986.00 ft

RECOVERY

Tot Fluid 190.00 ft of 190.00 ft in DC and 0.00 ft in DP  
 300.00 ft of Gas in pipe.  
 100.00 ft of Drilling mud with a few oil specs.  
 0.00 ft of 100% mud  
 90.00 ft of Muddy water  
 0.00 ft of 84% water 16% mud  
 0.00 ft of  
 0.00 ft of Rw .084 ohms @ 88 degrees F.  
 0.00 ft of EST.FT. of PAY-----5  
 SALINITY 74000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type	Chemical
Weight	9.00 lb/c
Vis.	60.00 S/L
W.L.	13.00 in3
F.C.	0.20 in
Mud Drop N	

BLOW DESCRIPTION

Initial Flow:  
 Fair to strong blow. Bottom of bucket  
 in 23 minutes.  
 Initial Shut-In:  
 No blow.

Final Flow:  
 Strong blow. Bottom of bucket in  
 3 1/2 minutes.

Final Shut-In:  
 No blow.

SAMPLES: None  
 SENT TO:Caraway/Liberal

Amt. of fill	5.00 ft
Btm. H. Temp.	119.00 F
Hole Condition	Fair
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased Y	4.00 ft
Tester	Gary Pevoteaux
Co. Rep.	Al Downing
Contr.	Abercrombie Drlg
Rig #	4
Unit #	
Pump T.	LCM 3 #/bl

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Harness #1-14  
 LOCATION : 14-32s-18w Comanche co KS  
 TICKET No. 12863 D.S.T. No. 4 DATE 06-10-000  
 TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27  
 INTERVAL TOOL .....  
 BOTTOM PACKERS AND ANCHOR ..... 14  
 TOTAL TOOL ..... 41  
 DRILL COLLAR ANCHOR IN INTERVAL .....  
 D.C. ANCHOR STND.Stands Single Total  
 D.P. ANCHOR STND.Stands Single Total  
 TOTAL ASSEMBLY ..... 41  
 D.C. ABOVE TOOLS.Stands3 Single Total 270  
 D.P. ABOVE TOOLS.Stands53 Single 1 Total 4986  
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5297  
 TOTAL DEPTH ..... 5270  
 TOTAL DRILL PIPE ABOVE K.B. .... 27

REMARKS:  
 Comments:Slid tool 3 - 4 ft. to btm!

FLUID SAMPLER DATA (not run)

GAS----- cubic ft  
 OIL----- ML.  
 MUD----- ML.  
 WATER----- ML.  
 OTHER-----  
 PRESSURE----- PSI  
 Rw ----- ohms @ deg. F.  
 CHLORIDES----- ppm.  
 GRAVITY----- deg.API

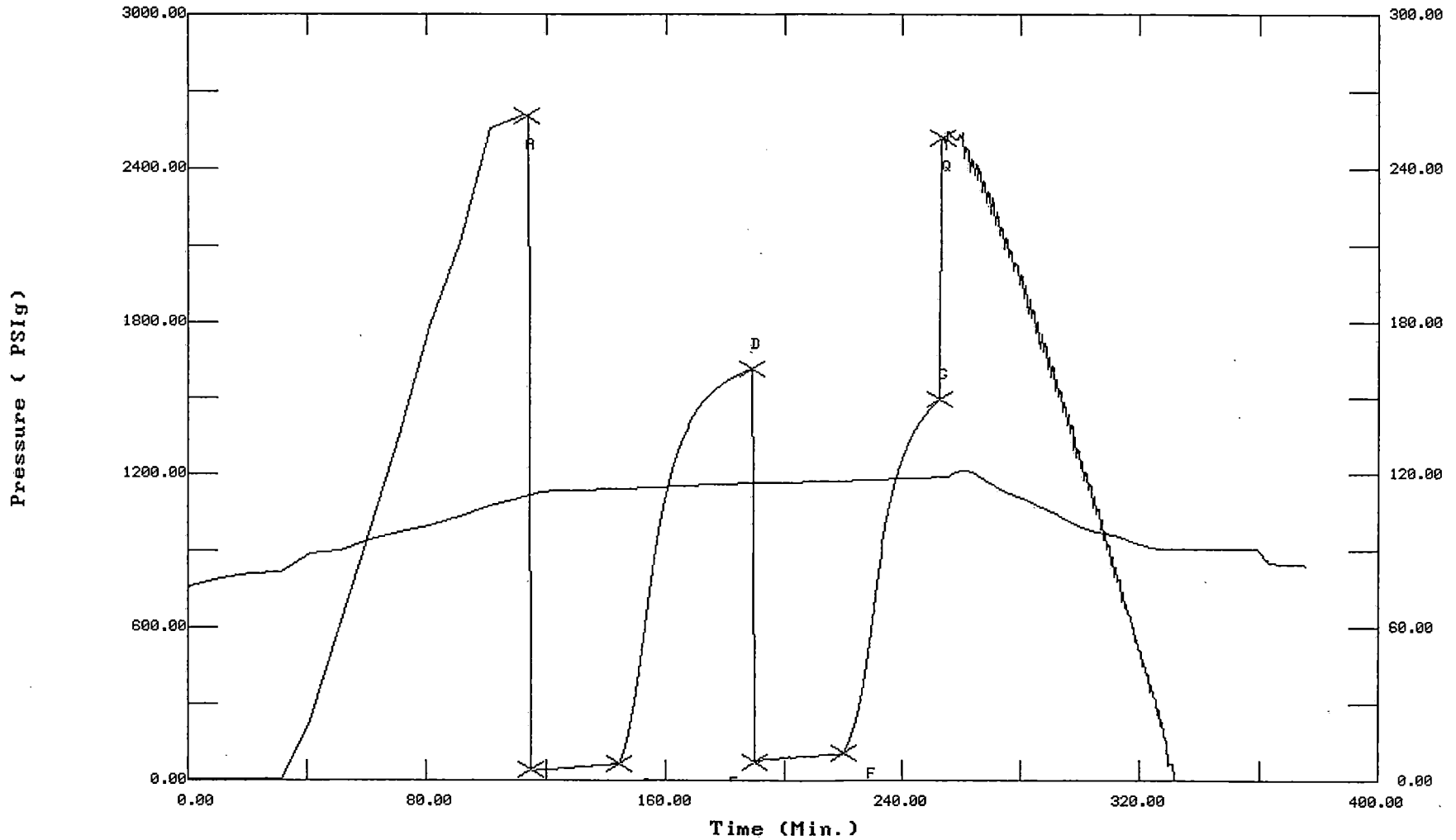
H	P.O. SUB	
H	C.O. SUB @ top of tool	5229
H	S.I. TOOL Sterling	5235
H		
H	HMV Sterling	5240
H	JARS bowen	5245
H		
H	SAFETY JOINT bowen	5247
H	PACKER Top	5251
H	PACKER Btm.	5256
H	DEPTH 1 ft.	5257
H	ANCHOR	
H	perfs	
H	Alpine rec. @ 5261	
H		
H	8' perfs to	5265
H	AK-1 rec. @ 5267	
H	BULLNOSE 5 ft. perforated	5270
L	T.D.	

# TEST HISTORY

12863 DST#4 HARNESS #1-14 PELICAN HILL OIL & GAS

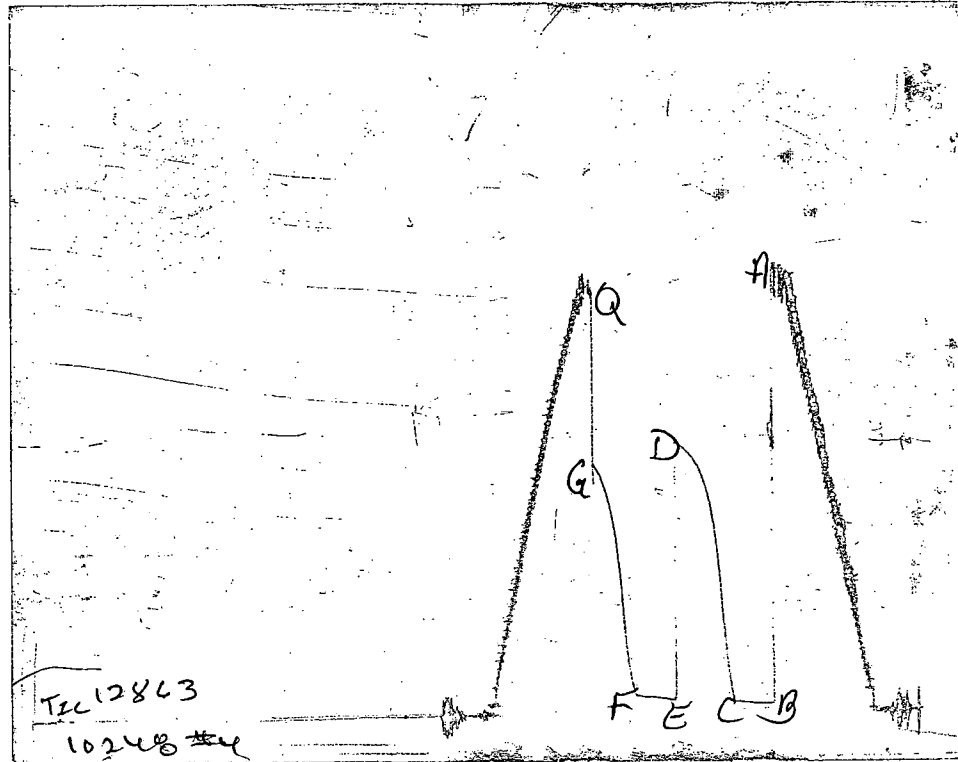
Flag Points  
t(Min.) P(PSIg)

A:	0.00	2607.38
B:	0.00	36.92
C:	29.50	63.19
D:	44.50	1614.43
E:	0.00	69.74
F:	30.00	107.92
G:	32.50	1491.72
Q:	0.00	2519.76



Temperature (DEG F)

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

N<sup>o</sup> 12863

Well Name & No. Harness #1-14 Test No. 4 Date 6-10-2000  
 Company Petroleum Hill Oil & Gas Zone Tested Miss.  
 Address Don Clemente Ca. 92672 Elevation 2115 KB 2103GL  
 Co. Rep / Geo. Al Downing Cont. Alexandria Drlg. #4 Est. Ft. of Pay S Por.     %  
 Location: Sec. 14 Twp. 0 32S Rge. 18W Co. Comanche State Ks.  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) - Evaluation (Y, N)    

Interval Tested 5256-5270' Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 81,000  
 Anchor Length 14' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 110,000  
 Top Packer Depth 5251' Tool Weight 2100#  
 Bottom Packer Depth 5256' Hole Size — 7 7/8"  Rubber Size — 6 3/4"   
 Total Depth 5270' Wt. Pipe Run     Drill Collar Run 270  
 Mud Wt. 9.0 LCM 3# Vis. 60 WL 13.0 cc. Drill Pipe Size 4 1/2" x 11 Ft. Run 4986'  
 Blow Description IF: Fair to strong below. BOB in 23 mins.  
ISI: No below.  
FF: Strong below. BOB in 3 1/2 mins. FSI: No below.  
 COMMENTS: Did tool 3-4 ft to litus!

Recovery — Total Feet	<u>190</u>	GIP	<u>300'</u>	Ft. in DC	<u>190</u>	Ft. in DP	<u>0</u>
Rec.	<u>100</u>	Feet Of	<u>Dry Mud @ a few</u>	%gas	<u>   </u>	%oil	<u>   </u>
Rec.	<u>   </u>	Feet Of	<u>oil spec.</u>	%gas	<u>   </u>	%oil	<u>   </u>
Rec.	<u>90</u>	Feet Of	<u>M.W.</u>	%gas	<u>   </u>	%oil	<u>84</u>
Rec.	<u>   </u>	Feet Of	<u>   </u>	%gas	<u>   </u>	%oil	<u>16</u>
Rec.	<u>   </u>	Feet Of	<u>   </u>	%gas	<u>   </u>	%oil	<u>   </u>
BHT	<u>119</u>	°F Gravity	<u>N/A</u>	°API D@	<u>   </u>	°F Corrected Gravity	<u>N/A</u>
RW	<u>.084</u>	@	<u>88</u>	°F Chlorides	<u>14,000</u>	ppm Recovery	<u>   </u>
				Chlorides	<u>10,000</u>	ppm System	<u>   </u>

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2625</u>	<u>2607</u>	<u>   </u>	<u>2342</u>	<u>1220</u>
(B) First Initial Flow Pressure	<u>30</u>	<u>37</u>	<u>   </u>	<u>5261'</u>	<u>1233</u>
(C) First Final Flow Pressure	<u>53</u>	<u>63</u>	<u>   </u>	<u>10248</u>	<u>0430</u>
(D) Initial Shut-In Pressure	<u>1594</u>	<u>1614</u>	<u>   </u>	<u>5267'</u>	<u>1647</u>
(E) Second Initial Flow Pressure	<u>60</u>	<u>70</u>	<u>   </u>	<u>   </u>	<u>1850</u>
(F) Second Final Flow Pressure	<u>94</u>	<u>108</u>	<u>   </u>	<u>   </u>	<u>1930</u>
(G) Final Shut-in Pressure	<u>1473</u>	<u>1492</u>	<u>   </u>	<u>30</u>	<u>800</u>
(Q) Final Hydrostatic Mud	<u>2536</u>	<u>2520</u>	<u>   </u>	<u>45</u>	<u>200</u>
				Final Flow	<u>30</u>
				Final Shut-in	<u>30</u>
				Safety Joint	<input checked="" type="checkbox"/> <u>50</u>
				Straddle	<u>   </u>
				Circ. Sub	<u>   </u>
				Sampler	<u>   </u>
				Extra Packer	<u>   </u>
				Elec. Rec.	<input checked="" type="checkbox"/> <u>150</u>
				Mileage	<u>   </u>
				Other	<u>   </u>

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Approved By Al Downing  
 Our Representative Gary Partridge

TOTAL PRICE \$ 1200.00

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas DATE 06-13-000  
 WELL NAME: Harness #1-14 KB 2115.00 ft TICKET NO: 12864 DST #5  
 LOCATION : 14-32s-18w Comanche co KS GR 2103.00 ft FORMATION: Viola  
 INTERVAL : 5753.00 To 5810.00 ft TD 5810.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 40 Rec.	10248	10248	2342			PF Fr. 1828 to 1910 hr
SI 0 Range(Psi )	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. to hr
SF 0 Clock(hrs)	12 hr	12 hr	batt.			SF Fr. to hr
FS 0 Depth(ft )	5807.0	5807.0	5762.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	2812.0	2850.0	2819.0	0.0	0.0	T STARTED 1607 hr
B. First Flow	69.0	52.0	44.0	0.0	0.0	T ON BOTM 1823 hr
B1. Final Flow	82.0	61.0	61.0	0.0	0.0	T OPEN 1828 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 1910 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 2200 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	
G. Final Hydro	2748.0	2737.0	2746.0	0.0	0.0	
Inside/Outside	O	O	I	T		

TOOL DATA-----  
 Tool Wt. 2100.00 lbs  
 Wt Set On Packer 20000.00 lbs  
 Wt Pulled Loose 124000.00 lbs  
 Initial Str Wt 88000.00 lbs  
 Unseated Str Wt 88000.00 lbs  
 Bot Choke 0.75 in  
 Hole Size 7.88 in  
 D Col. ID 2.25 in  
 D. Pipe ID 3.80 in  
 D.C. Length 270.00 ft  
 D.P. Length 5484.00 ft

RECOVERY

Tot Fluid 90.00 ft of 90.00 ft in DC and 0.00 ft in DP  
 90.00 ft of Drilling mud  
 0.00 ft of 100% mud  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of Rw n.c. ohms @ degrees F.  
 0.00 ft of EST.FT. of PAY-----5  
 SALINITY 9000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----  
 Mud Type Chemical  
 Weight 8.90 lb/c  
 Vis. 50.00 S/L  
 W.L. 8.80 in3  
 F.C. 0.20 in  
 Mud Drop N

BLOW DESCRIPTION

Initial Flow:  
 Weak blow. 1/2" or less.

Amt. of fill 0.00 ft  
 Btm. H. Temp. 120.00 F  
 Hole Condition Fair  
 % Porosity 10.00  
 Packer Size 6.75 in  
 No. of Packers 2  
 Cushion Amt. 0.00 N  
 Cushion Type None  
 Reversed Out N  
 Tool Chased N  
 Tester Gary Pevoteaux  
 Co. Rep. Al Downing  
 Contr. Abercrombie Drlg  
 Rig # 4  
 Unit #  
 Pump T. LCM 7 #/bl

ISI:n/a

FF:n/a

FSI:n/a

SAMPLES: None

SENT TO:Caraway/Liberal

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Harness #1-14		P.O. SUB	
		C.O. SUB @ top of tool	5726
LOCATION : 14-32s-18w Comanche co KS		S.I. TOOL Sterling	5732
TICKET No. 12864 D.S.T. No. 5 DATE 06-13-000			
TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27		HMV Sterling	5737
INTERVAL TOOL .....			
BOTTOM PACKERS AND ANCHOR ..... 27		JARS bowen	5742
TOTAL TOOL ..... 54			
DRILL COLLAR ANCHOR IN INTERVAL .....			
D.C. ANCHOR STND.Stands Single Total		SAFETY JOINT bowen	5744
D.P. ANCHOR STND.Stands Single 1 Total 30		PACKER Top	5748
TOTAL ASSEMBLY ..... 84		PACKER Btm.	5753
D.C. ABOVE TOOLS.Stands3 Single Total 270		DEPTH 5753	
D.P. ABOVE TOOLS.Stands58 Single 2 Total 5484		1 ft.	5754
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5838		ANCHOR	
		3'perfs & sub to	5757
TOTAL DEPTH ..... 5810		Alpine rec. @ 5762	
TOTAL DRILL PIPE ABOVE K.B. .... 28			
REMARKS:			
Comments:Ended test after initial flow period.		1 jt.pipe & sub to	5788
FLUID SAMPLER DATA (not run)			
GAS----- cubic ft			
OIL----- ML.			
MUD----- ML.			
WATER----- ML.			
OTHER-----			
PRESSURE----- PSI			
Rw ----- ohms @ deg. F.		17' perfs to	5805
CHLORIDES----- ppm.			
GRAVITY----- deg.API			
		AK-1 rec. @ 5807	
		BULLNOSE 5 ft. perforated	5810
		T.D.	

# TEST HISTORY

12864 DST#5 HARNESS #1-14 PELICAN HILL OIL & GAS

Flag Points  
t(Min.) P(PSIg)

A: 0.00 2819.21  
B: 0.00 43.97  
C: 40.00 60.84  
Q: 0.00 2746.11

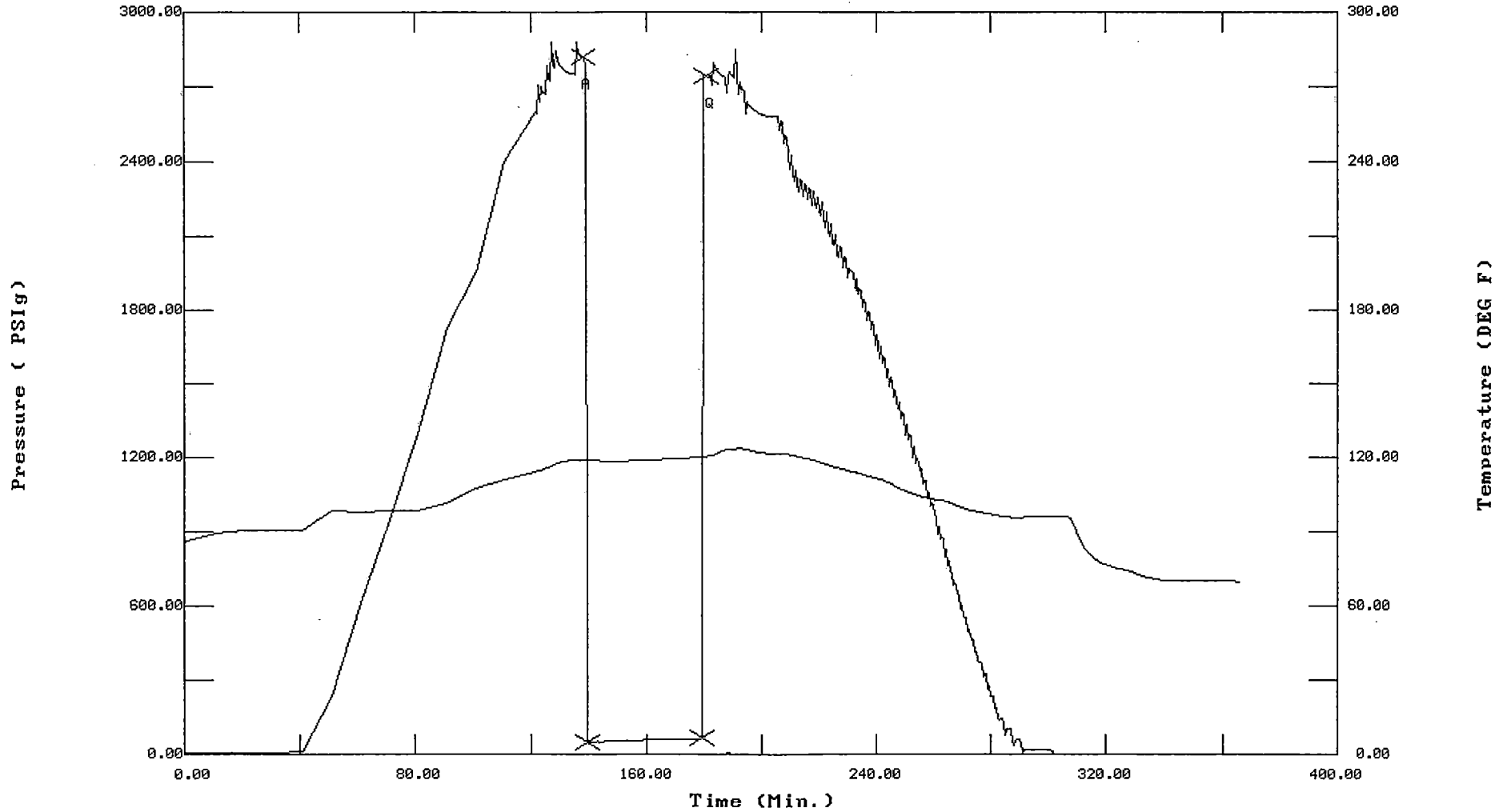
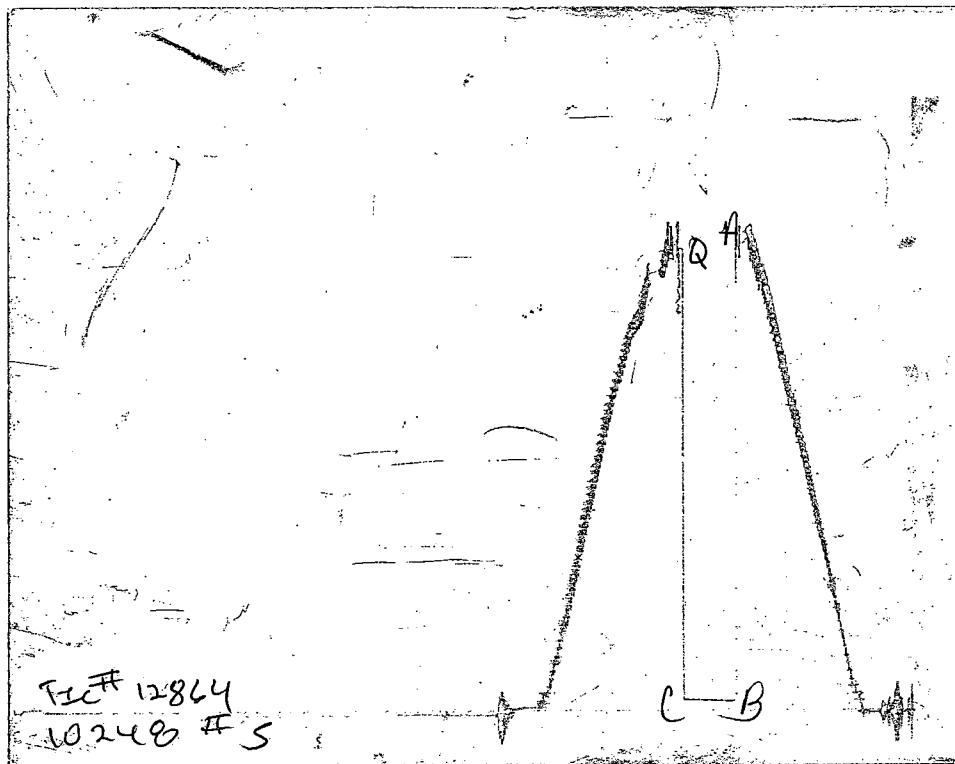


CHART PAGE



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

311 548 2004

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 12864

Well Name & No. Harness # 1-14 Test No. 5 Date 6-13-2000  
 Company Pelican Hill Oil & Gas Zone Tested Viola  
 Address Don Clemente Cu - 92672 Elevation 2115 KB 2103 GL  
 Co. Rep / Geo. Al Downing Cont. Alumnae Drly #4 Est. Ft. of Pay 5 Por.      %  
 Location: Sec. 14 Twp. 32S Rge. 18W Co. Comanche State Ks.  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 5753 - 5810 Initial Str Wt./Lbs. 88,000 Unseated Str Wt./Lbs. 88,000  
 Anchor Length 57' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 124,000  
 Top Packer Depth 5748' Tool Weight 2100#  
 Bottom Packer Depth 5753' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓  
 Total Depth 5810' Wt. Pipe Run None Drill Collar Run 270  
 Mud Wt. 8.9 LCM 7# Vis. 50 WL 8.8 cc. Drill Pipe Size 4 1/2" x H. Ft. Run 5484  
 Blow Description IF: Weak blow - 1/2" or less.

Comments: Ended test after initial flow period.

Recovery — Total Feet 90 GIP 0 Ft. in DC 90 Ft. in DP       
 Rec. 90 Feet Of Drly. Mud. %gas %oil %water %mud  
 Rec.      Feet Of      %gas %oil %water %mud  
 Rec.      Feet Of      %gas %oil %water %mud  
 Rec.      Feet Of      %gas %oil %water %mud  
 Rec.      Feet Of      %gas %oil %water %mud  
 BHT 120 °F Gravity N/A °API @      °F Corrected Gravity N/A °API  
 RW N/C @      °F Chlorides 9,000 ppm Recovery Chlorides 9,000 ppm System

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2812</u>	<u>2819</u>		<u>2342</u>	<u>1505</u>
(B) First Initial Flow Pressure	<u>69</u>	<u>44</u>		(depth) <u>5762'</u>	T-Started <u>1607</u>
(C) First Final Flow Pressure	<u>82</u>	<u>61</u>		Recorder No. <u>10248</u>	T-Open <u>1828</u>
(D) Initial Shut-In Pressure	<u>None</u>	<u>    </u>		(depth) <u>5807'</u>	T-Pulled <u>1910</u>
(E) Second Initial Flow Pressure	<u>None</u>	<u>    </u>		Recorder No. <u>    </u>	T-Out <u>2100</u>
(F) Second Final Flow Pressure	<u>None</u>	<u>    </u>		(depth) <u>    </u>	T-Off Location <u>2305</u>
(G) Final Shut-in Pressure	<u>None</u>	<u>    </u>		Initial Opening <u>40</u>	Test <u>✓ 800</u>
(Q) Final Hydrostatic Mud	<u>2748</u>	<u>2746</u>		Initial Shut-in <u>None</u>	Jars <u>✓ 200</u>
				Final Flow <u>None</u>	Safety Joint <u>✓ 50</u>
				Final Shut-in <u>None</u>	Straddle <u>    </u>

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Approved By Al Downing  
 Our Representative Gay Pennington

Circ. Sub       
 Sampler       
 Extra Packer       
 Elec. Rec. ✓ 150  
 Mileage       
 Other       
 TOTAL PRICE \$ ✓ 12.00<sup>00</sup>