

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

Operator: License # 31120

Name: Pelican Hill Oil & Gas, Inc.

Address 1401 N. El Camino Real, #207c

City/State/Zip San Clemente, CA 92672

Purchaser: _____

Operator Contact Person: Al Gross

Phone (714) 498-2101

Contractor: Name: Vonfeldt Drilling, Inc.

License: 9431

Wellsite Geologist: Randall Kilian #3351

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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

12-5-97 12-11-97 12-12-97
Spud Date Date Reached TD Completion Date

API NO. 15- 009-246360000

County Barton plugged 12/11/97

170' N of _____
- SE - SE - SE Sec. 5 Twp. 16S Rge. 13 W E

500 Feet from SN (circle one) Line of Section

330 Feet from EW (circle one) Line of Section

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

Lease Name Bitter Well # 1

Field Name Trapp

Producing Formation _____

Elevation: Ground 1934' KB 1939'

Total Depth 3440 PBSD _____

Amount of Surface Pipe Set and Cemented at 409 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 cmt.

Drilling Fluid Management Plan D&A, 6-2-98 U.C.
(Data must be collected from the Reserve Pit)

Chloride content 54,000 ppm Fluid volume 380 bbls

Dewatering method used Left to dry

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 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 [Signature]

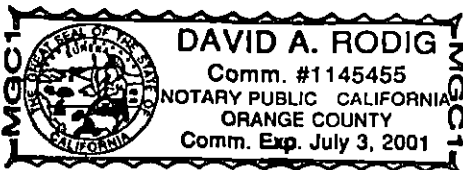
Title President Date 3/16/98

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

Notary Public Daryl A. Rodig

Date Commission Expires JULY 3rd, 2001

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
	<u>3-23-98</u>	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)



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

Sec. 5 Twp. 16S Rge. 13 East West County Barton

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:
Radiation Guard Log

Log Formation (Top), Depth and Datum		<input checked="" type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	892 "	+1045
Base	920 "	+1016
Topeka	2828'	- 895
Heeb. Sh.	3065'	-1072
Toronto	3084'	-1151
Doug. Sh.	3098'	-1166
Lansing	3144'	-1213
Base Kc.	3382'	-1450
Re-Work Arb.	3390'	-1455
Arbuckle	3394'	-1462
	3440'	-1510

CASING RECORD <input type="checkbox"/> T.D. <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
Suface	12-1/4"	8-5/8"	20#	409	60/40 pos	225sx	3%cc, 2%ge

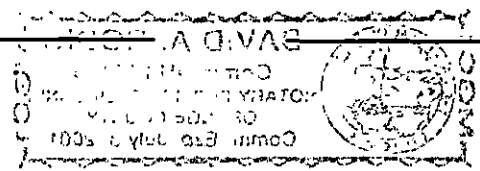
ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	3400' - mouse hole	60/40 pos	165 sx.	6%gel, 1/4# Flo-Seal/Sk.

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, SMD 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: **METHOD OF COMPLETION** Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____



ORIGINAL

WELL NAME:

Bitter #1

COMPANY:

Pelican Hill Oil & Gas

LOCATION:

5-16S-13W

Barton County, Kansas

DATE:

12/11/97

15-009-24636

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas DATE 12/10/97
 WELL NAME: Bitter #1 KB 1939.00 ft TICKET NO: 10095 DST #1
 LOCATION : 5-16s-13w Barton Co KS GR 1934.00 ft FORMATION: Arbuckle
 INTERVAL : 3379.00 To 3404.00 ft TD 3419.00 ft TEST TYPE: CONVENTIONAL/STRAD.

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	10332	10332	2350			PF Fr. 0048 to 0133 hr
SI 45 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 0133 to 0218 hr
SF 60 Clock(hrs)	12hr.	12hr.	elec			SF Fr. 0218 to 0318 hr
FS 90 Depth(ft)	3401.0	3401.0	3384.0	0.0	0.0	FS Fr. 0318 to 0448 hr

	Field	1	2	3	4	
A. Init Hydro	1722.0	1736.0	1724.0	0.0	0.0	T STARTED 2230 hr
B. First Flow	30.0	32.0	28.0	0.0	0.0	T ON BOTM 0045 hr
Bl. Final Flow	41.0	36.0	37.0	0.0	0.0	T OPEN 0048 hr
C. In Shut-in	1044.0	1054.0	1066.0	0.0	0.0	T PULLED 0448 hr
D. Init Flow	41.0	41.0	39.0	0.0	0.0	T OUT 0700 hr
E. Final Flow	41.0	46.0	48.0	0.0	0.0	
F. Fl Shut-in	1034.0	1046.0	1059.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1651.0	1695.0	1699.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I			Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 35.00 ft of 0.00 ft in DC and 35.00 ft in DP
 20.00 ft of Free oil
 15.00 ft of Heavy oil cut mud 90% mud 10% oil
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

Unseated Str Wt 42000.00 lbs
 Bot Choke 0.75 in
 Hole Size 7.88 in
 D Col. ID 0.00 in
 D. Pipe ID 3.80 in
 D.C. Length 0.00 ft
 D.P. Length 3365.00 ft

SALINITY 0.00 P.P.M. A.P.I. Gravity 33.00

MUD DATA-----

Mud Type Chemical
 Weight 9.20 lb/c
 Vis. 49.00 S/L
 W.L. 10.80 in3
 F.C. 0.32 in
 Mud Drop N

BLOW DESCRIPTION

Initial Shutin:
 Weak blow - built to 2 1/2" in water

Initial Shutin:
 Bled down - no blow back

Final Flow:
 Weak blow - built to 1" in water

Final Shutin:
 Bled down - no blow back

Amt. of fill 0.00 ft
 Btm. H. Temp. 100.00 F
 Hole Condition Good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 3
 Cushion Amt. 0.00 n
 Cushion Type none
 Reversed Out N
 Tool Chased N
 Tester Darren Amerine
 Co. Rep. Randy Killian
 Contr. VonFeldt
 Rig # 1
 Unit #
 Pump T.

SAMPLES:
 SENT TO:

Test Successful: Y

*** TOOL DIAGRAM *** CONVENTIONAL/STRAD.

WELL NAME: Bitter #1

LOCATION : 5-16s-13w Barton Co KS

TICKET No. 10095 D.S.T. No. 1 DATE 12/10/97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL

BOTTOM PACKERS AND ANCHOR 40

TOTAL TOOL 60

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands55 Single Total 3365

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 3425

TOTAL DEPTH 3419

TOTAL DRILL PIPE ABOVE K.B. 6

REMARKS:

P.O. SUB	3359
C.O. SUB	3360
S.I. TOOL	3365
HMV	3370
JARS	
SAFETY JOINT	
PACKER	3374
PACKER	3379
DEPTH	
STUBB 1'stubb to	3380
ANCHOR 5'perfs.to	3385
Alpine rec @	3384
	3385
	3385
19'of perfs.to	3404
Ak-1 Rec.@	3401
T.C.	
DEPTH	
PACKER	3404
	3404
10'of perfs.to	3414
Ak-1 rec.@	3416
BULLNOSE 5' bullnose to	3419
T.D.	

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10381 DST #2 Maddux 4-19 Pennzoil Explor.

DATE: 12/05/97

TIME: 18:54:24

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	135.00	2388.6	0.0	101.93		
***** Start Flow 1	0.00	31.6	0.0	102.40		
	1.00	31.6	0.0	102.57		
	2.00	32.0	0.4	102.69		
	3.00	32.2	0.6	102.78		
	4.00	32.3	0.8	102.85		
	5.00	32.1	0.6	102.91		
	6.00	32.1	0.6	102.95		
	7.00	32.1	0.5	102.99		
	8.00	32.2	0.6	103.03		
	9.00	32.1	0.6	103.06		
	10.00	32.2	0.7	103.10		
	11.00	31.5	-0.0	103.13		
	12.00	31.3	-0.3	103.16		
	13.00	31.6	0.1	103.18		
	14.00	31.7	0.2	103.21		
***** End Flow 1	15.00	32.8	1.3	103.25		
***** Start Shutin 1	0.00	32.8	0.0	103.25	0.0000	0.001
	1.00	39.8	7.0	103.27	16.0000	0.002
	2.00	52.4	19.6	103.31	8.5000	0.003
	3.00	74.7	41.9	103.34	6.0000	0.006
	4.00	114.5	81.6	103.37	4.7500	0.013
	5.00	173.5	140.7	103.41	4.0000	0.030
	6.00	241.1	208.3	103.44	3.5000	0.058
	7.00	306.9	274.1	103.49	3.1429	0.094
	8.00	370.0	337.2	103.54	2.8750	0.137
	9.00	427.9	395.1	103.58	2.6667	0.183
	10.00	480.3	447.5	103.62	2.5000	0.231
	11.00	528.2	495.4	103.67	2.3636	0.279
	12.00	571.7	538.9	103.73	2.2500	0.327
	13.00	611.2	578.3	103.77	2.1538	0.374
	14.00	646.9	614.0	103.82	2.0714	0.418
	15.00	679.8	647.0	103.88	2.0000	0.462
	16.00	709.8	677.0	103.92	1.9375	0.504
	17.00	737.0	704.2	103.97	1.8824	0.543
	18.00	762.6	729.7	104.02	1.8333	0.581
	19.00	786.2	753.3	104.07	1.7895	0.618
	20.00	807.7	774.9	104.12	1.7500	0.652
	21.00	827.8	795.0	104.18	1.7143	0.685
	22.00	846.6	813.8	104.21	1.6818	0.717
	23.00	864.0	831.2	104.27	1.6522	0.746
	24.00	880.1	847.3	104.31	1.6250	0.775
	25.00	895.6	862.8	104.35	1.6000	0.802
	26.00	909.8	877.0	104.41	1.5769	0.828
	27.00	923.0	890.2	104.43	1.5556	0.852
	28.00	935.7	902.8	104.49	1.5357	0.875
***** End Shut-in 1	29.00	947.6	914.8	104.54	1.5172	0.898
***** Start Flow 2	0.00	33.4	0.0	104.57		
	1.00	33.8	0.4	104.58		
	2.00	33.8	0.4	104.60		
	3.00	33.8	0.3	104.60		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
4.00	33.8	0.4	104.61		
5.00	33.8	0.4	104.62		
6.00	33.6	0.1	104.64		
7.00	34.0	0.6	104.65		
8.00	34.0	0.6	104.67		
9.00	33.9	0.4	104.70		
10.00	33.6	0.2	104.72		
11.00	33.4	-0.0	104.75		
12.00	33.3	-0.2	104.77		
13.00	33.3	-0.1	104.81		
14.00	33.4	-0.1	104.84		
15.00	33.4	-0.0	104.87		
16.00	33.6	0.2	104.90		
17.00	33.7	0.3	104.93		
18.00	33.4	0.0	104.97		
19.00	33.3	-0.1	104.99		
20.00	33.3	-0.2	105.03		
21.00	33.2	-0.3	105.06		
22.00	33.3	-0.1	105.09		
23.00	33.4	-0.0	105.12		
24.00	33.4	-0.0	105.16		
25.00	33.5	0.0	105.19		
26.00	33.6	0.2	105.22		
27.00	33.6	0.2	105.25		
28.00	33.6	0.1	105.28		
29.00	33.7	0.3	105.31		
30.00	33.7	0.3	105.34		
31.00	33.9	0.4	105.37		
32.00	33.9	0.5	105.41		
33.00	34.0	0.5	105.44		
34.00	34.0	0.6	105.47		
35.00	34.1	0.6	105.50		
36.00	34.1	0.7	105.53		
37.00	34.2	0.8	105.56		
38.00	34.2	0.8	105.59		
39.00	34.3	0.8	105.62		
40.00	34.3	0.9	105.65		
41.00	34.4	1.0	105.68		
42.00	34.5	1.1	105.71		
43.00	34.5	1.1	105.73		
44.00	34.6	1.2	105.76		
45.00	34.6	1.2	105.79		
46.00	34.7	1.3	105.82		
47.00	34.8	1.4	105.85		
48.00	34.8	1.4	105.88		
49.00	35.0	1.5	105.91		
50.00	35.0	1.5	105.94		
51.00	35.0	1.6	105.96		
52.00	35.1	1.7	106.00		
53.00	35.3	1.8	106.02		
54.00	35.4	1.9	106.04		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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DATE: 12/05/97 TIME: 18:54:24

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	55.00	35.4	2.0	106.07		
	56.00	35.4	2.0	106.10		
	57.00	35.6	2.1	106.13		
	58.00	35.6	2.2	106.15		
	59.00	35.6	2.2	106.17		
	60.00	35.6	2.1	106.20		
***** End Flow 2	61.00	36.9	3.5	106.23		
***** Start Shutin 2	0.00	36.9	0.0	106.23	0.0000	0.001
	1.00	40.6	3.7	106.25	77.0000	0.002
	2.00	45.2	8.3	106.28	39.0000	0.002
	3.00	50.6	13.7	106.30	26.3333	0.003
	4.00	57.2	20.3	106.33	20.0000	0.003
	5.00	65.5	28.6	106.35	16.2000	0.004
	6.00	76.0	39.1	106.39	13.6667	0.006
	7.00	88.9	52.0	106.41	11.8571	0.008
	8.00	105.8	68.9	106.44	10.5000	0.011
	9.00	127.2	90.3	106.46	9.4444	0.016
	10.00	153.8	116.9	106.48	8.6000	0.024
	11.00	185.7	148.8	106.52	7.9091	0.034
	12.00	222.2	185.3	106.55	7.3333	0.049
	13.00	262.3	225.4	106.58	6.8462	0.069
	14.00	304.5	267.6	106.61	6.4286	0.093
	15.00	347.3	310.4	106.64	6.0667	0.121
	16.00	389.5	352.6	106.68	5.7500	0.152
	17.00	430.4	393.5	106.71	5.4706	0.185
	18.00	469.5	432.5	106.74	5.2222	0.220
	19.00	505.9	468.9	106.77	5.0000	0.256
	20.00	540.2	503.2	106.81	4.8000	0.292
	21.00	572.2	535.3	106.85	4.6190	0.327
	22.00	601.9	564.9	106.88	4.4545	0.362
	23.00	629.0	592.1	106.92	4.3043	0.396
	24.00	654.8	617.8	106.95	4.1667	0.429
	25.00	678.6	641.7	106.98	4.0400	0.461
	26.00	700.4	663.5	107.02	3.9231	0.491
	27.00	721.1	684.2	107.04	3.8148	0.520
	28.00	740.5	703.5	107.07	3.7143	0.548
	29.00	758.3	721.4	107.10	3.6207	0.575
	30.00	774.9	738.0	107.13	3.5333	0.601
	31.00	790.8	753.9	107.16	3.4516	0.625
	32.00	805.6	768.7	107.20	3.3750	0.649
	33.00	819.2	782.3	107.22	3.3030	0.671
	34.00	832.4	795.5	107.25	3.2353	0.693
	35.00	844.8	807.9	107.27	3.1714	0.714
	36.00	856.2	819.3	107.34	3.1111	0.733
	37.00	867.3	830.4	107.33	3.0541	0.752
	38.00	877.8	840.9	107.36	3.0000	0.771
	39.00	887.6	850.7	107.37	2.9487	0.788
	40.00	896.9	860.0	107.41	2.9000	0.804
	41.00	906.0	869.0	107.44	2.8537	0.821
	42.00	914.5	877.6	107.45	2.8095	0.836
	43.00	922.3	885.4	107.48	2.7674	0.851

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44.00	930.2	893.3	107.50	2.7273	0.865
45.00	937.8	900.9	107.52	2.6889	0.879
46.00	944.6	907.7	107.54	2.6522	0.892
47.00	951.3	914.4	107.57	2.6170	0.905
48.00	958.0	921.1	107.60	2.5833	0.918
49.00	964.1	927.2	107.61	2.5510	0.929
50.00	970.0	933.0	107.64	2.5200	0.941
51.00	975.8	938.9	107.67	2.4902	0.952
52.00	981.4	944.5	107.67	2.4615	0.963
53.00	986.3	949.4	107.71	2.4340	0.973
54.00	991.6	954.6	107.72	2.4074	0.983
55.00	996.6	959.6	107.74	2.3818	0.993
56.00	1001.2	964.3	107.76	2.3571	1.002
57.00	1005.7	968.8	107.78	2.3333	1.011
58.00	1010.3	973.4	107.80	2.3103	1.021
59.00	1014.4	977.5	107.83	2.2881	1.029
60.00	1018.4	981.5	107.85	2.2667	1.037
61.00	1022.4	985.5	107.87	2.2459	1.045
62.00	1026.2	989.3	107.88	2.2258	1.053
63.00	1029.7	992.8	107.90	2.2063	1.060
64.00	1033.4	996.5	107.92	2.1875	1.068
65.00	1036.8	999.9	107.94	2.1692	1.075
66.00	1040.0	1003.0	107.96	2.1515	1.082
67.00	1043.2	1006.3	107.98	2.1343	1.088
68.00	1046.4	1009.5	108.00	2.1176	1.095
69.00	1049.6	1012.6	108.02	2.1014	1.102
70.00	1052.4	1015.5	108.03	2.0857	1.107
71.00	1055.5	1018.5	108.04	2.0704	1.114
72.00	1058.4	1021.5	108.07	2.0556	1.120
73.00	1060.8	1023.9	108.08	2.0411	1.125
74.00	1063.6	1026.7	108.11	2.0270	1.131
75.00	1066.2	1029.3	108.12	2.0133	1.137
76.00	1068.5	1031.6	108.14	2.0000	1.142
77.00	1071.1	1034.2	108.16	1.9870	1.147
78.00	1073.6	1036.6	108.18	1.9744	1.153
79.00	1075.7	1038.8	108.18	1.9620	1.157
80.00	1077.9	1041.0	108.20	1.9500	1.162
81.00	1080.2	1043.3	108.22	1.9383	1.167
82.00	1082.4	1045.4	108.25	1.9268	1.171
83.00	1084.2	1047.3	108.26	1.9157	1.176
84.00	1086.4	1049.5	108.28	1.9048	1.180
85.00	1088.4	1051.5	108.29	1.8941	1.185
86.00	1090.1	1053.2	108.31	1.8837	1.188
87.00	1092.1	1055.2	108.32	1.8736	1.193
88.00	1094.0	1057.1	108.34	1.8636	1.197
89.00	1095.7	1058.8	108.36	1.8539	1.201
90.00	1097.4	1060.5	108.38	1.8444	1.204
91.00	1099.2	1062.3	108.39	1.8352	1.208
92.00	1100.8	1063.9	108.41	1.8261	1.212
93.00	1102.3	1065.4	108.43	1.8172	1.215
94.00	1104.0	1067.1	108.45	1.8085	1.219

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 10381 DST #2 Maddux 4-19 Pennzoil Explor.

DATE: 12/05/97 TIME: 18:54:24

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	95.00	1105.5	1068.6	108.45	1.8000	1.222
	96.00	1106.9	1070.0	108.47	1.7917	1.225
	97.00	1108.4	1071.5	108.49	1.7835	1.229
	98.00	1109.9	1073.0	108.50	1.7755	1.232
	99.00	1111.2	1074.3	108.53	1.7677	1.235
	100.00	1112.6	1075.7	108.54	1.7600	1.238
	101.00	1113.9	1077.0	108.54	1.7525	1.241
	102.00	1115.3	1078.4	108.57	1.7451	1.244
	103.00	1116.5	1079.6	108.58	1.7379	1.247
	104.00	1117.8	1080.9	108.59	1.7308	1.250
	105.00	1119.1	1082.2	108.63	1.7238	1.252
	106.00	1120.1	1083.2	108.62	1.7170	1.255
	107.00	1121.4	1084.5	108.64	1.7103	1.258
	108.00	1122.6	1085.7	108.66	1.7037	1.260
	109.00	1123.6	1086.7	108.67	1.6972	1.262
	110.00	1124.8	1087.9	108.68	1.6909	1.265
	111.00	1126.0	1089.0	108.71	1.6847	1.268
	112.00	1126.9	1089.9	108.71	1.6786	1.270
	113.00	1128.0	1091.0	108.73	1.6726	1.272
	114.00	1128.9	1092.0	108.73	1.6667	1.275
	115.00	1130.1	1093.2	108.75	1.6609	1.277
	116.00	1130.9	1094.0	108.76	1.6552	1.279
	117.00	1131.9	1095.0	108.78	1.6496	1.281
	118.00	1132.9	1096.0	108.78	1.6441	1.284
***** End Shut-in 2	119.00	1133.7	1096.8	108.81	1.6387	1.285
***** Final Hydro.	364.00	2334.7	0.0	108.88		

TEST HISTORY

10381 DST #2 Maddux 4-19 Pennzoil Explor.

Flag Points
t(Min.) P(PSig)

A:	0.00	2388.61
B:	0.00	31.57
C:	15.00	32.83
D:	29.00	947.61
E:	0.00	33.43
F:	61.00	36.91
G:	119.00	1133.75
Q:	0.00	2334.70

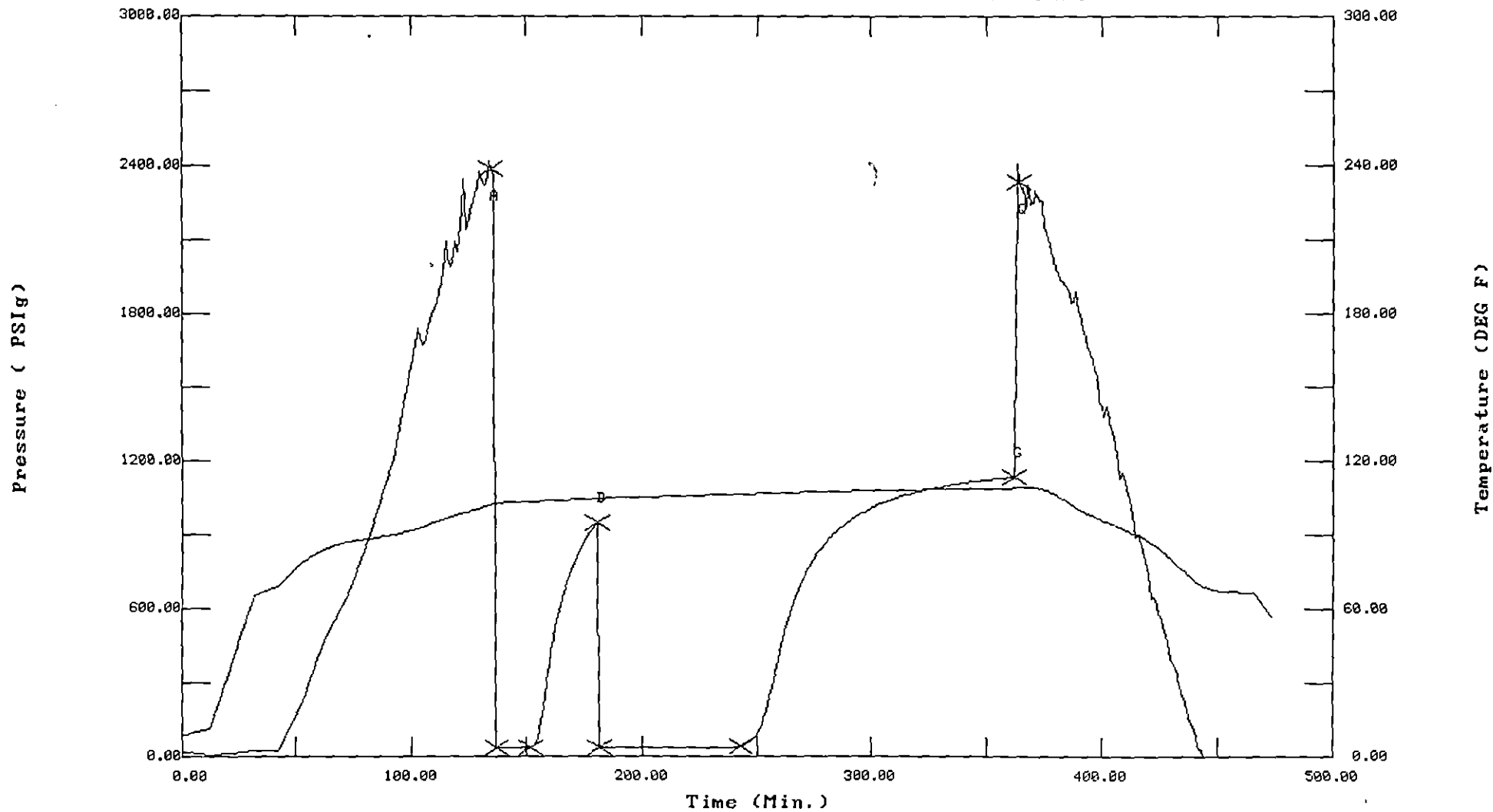
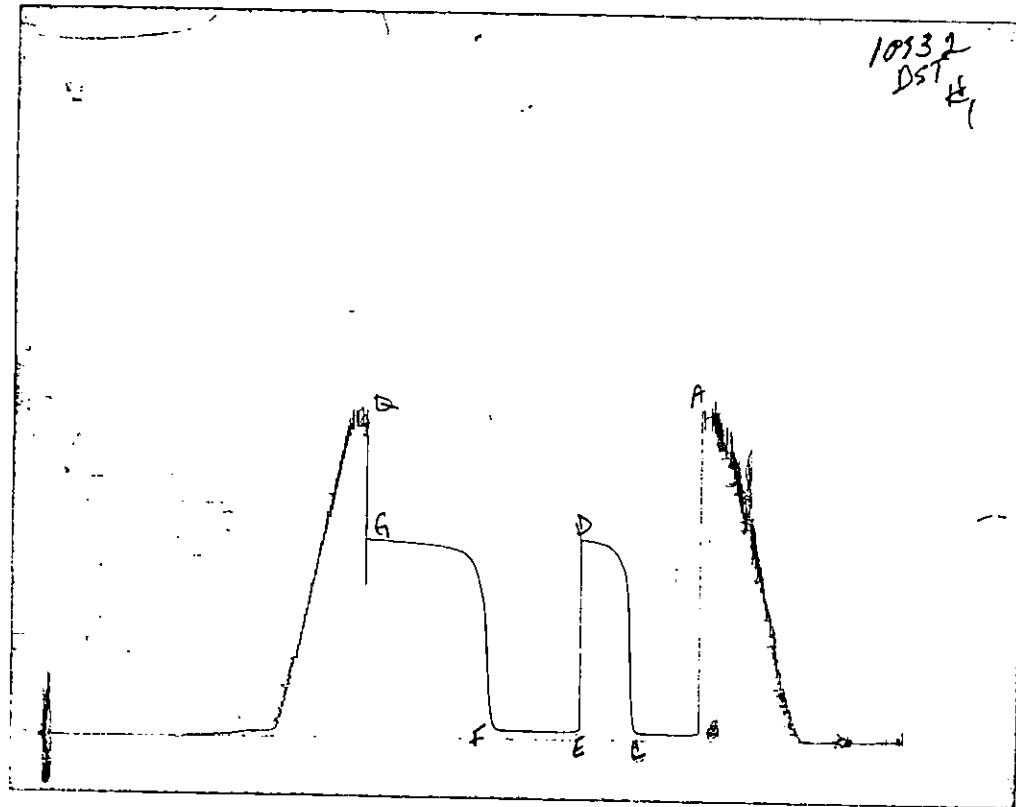
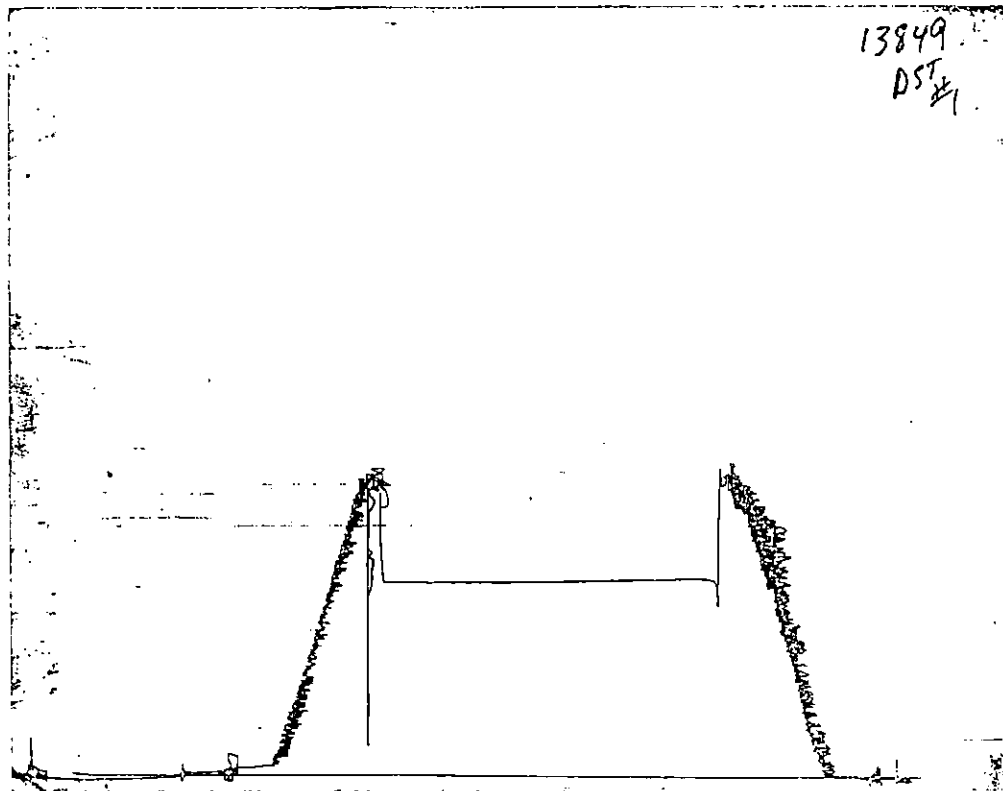


CHART PAGE



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

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. 10095

Well Name & No. <u>Bitter #1</u>	Test No. <u>#1</u>	Date <u>12/9/97</u>
Company <u>Pelican Hill Oil & Gas</u>	Zone Tested <u>Arbuckle</u>	
Address <u>1401 N. El Camino Real, Suite 207 Sacramento, CA 95822</u>	Elevation <u>1939</u>	KB <u>1936</u> GL
Co. Rep / Geo. <u>Randy Killian</u>	Cont. <u>Vanfeldt</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>5</u> Twp. <u>16^S</u> Rge. <u>13^W</u>	Co. <u>Barton</u>	State <u>KS</u>
No. of Copies <u>5</u>	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____
Evaluation (Y, N) _____		

Interval Tested <u>3379 - 3404</u>	Initial Str Wt./Lbs. <u>12,000</u>	Unseated Str Wt./Lbs. <u>12,000</u>
Anchor Length <u>25'</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. _____
Top Packer Depth <u>3374</u>	Tool Weight <u>2100</u>	
Bottom Packer Depth <u>3379 - 3404'</u>	Hole Size — 7 7/8" <input checked="" type="checkbox"/>	Rubber Size — 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>3419'</u>	Wt. Pipe Run _____	Drill Collar Run <u>N/A</u>
Mud Wt. <u>9.2</u> LCM <u>0</u> # Vis. <u>49</u> WL <u>10.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3365</u>
Blow Description <u>TF: Weak blow. Built to 2 1/2 ins in H2O</u>		
<u>IST: Bleed down. No bb.</u>		
<u>FF: Weak blow. Built to 1 in in H2O.</u>		
<u>EST: Bleed down. No bb.</u>		

Recovery — Total Feet <u>35'</u>	GIP _____	Ft. in DC <u>N/A</u>	Ft. in DP <u>35</u>
Rec. <u>20</u> Feet Of <u>free oil</u>	%gas <u>100</u>	%oil _____	%water _____ %mud _____
Rec. <u>15</u> Feet Of <u>HOCM</u>	%gas <u>10</u>	%oil _____	%water <u>90</u> %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____

BHT 100° °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System

(A) Initial Hydrostatic Mud	<u>1722</u> <u>1724</u> PSI	Recorder No. <u>2350</u>	T-Started <u>10:30 P.</u>
(B) First Initial Flow Pressure	<u>30</u> <u>28</u> PSI	(depth) <u>3384'</u>	T-Open <u>12:48 A.</u>
(C) First Final Flow Pressure	<u>41</u> <u>37</u> PSI	Recorder No. <u>10332</u>	T-Pulled <u>4:48</u>
(D) Initial Shut-in Pressure	<u>1044</u> <u>1066</u> PSI	(depth) <u>3401'</u>	T-Out <u>7:00</u>
(E) Second Initial Flow Pressure	<u>41</u> <u>39</u> PSI	Recorder No. <u>13849</u>	
(F) Second Final Flow Pressure	<u>41</u> <u>48</u> PSI	(depth) <u>3416'</u>	
(G) Final Shut-in Pressure	<u>1034</u> <u>1059</u> PSI	Initial Opening <u>45'</u>	Test <input checked="" type="checkbox"/>
(H) Final Hydrostatic Mud	<u>1651</u> <u>1699</u> PSI	Initial Shut-in <u>45'</u>	Jars <input checked="" type="checkbox"/>
	<u>ALPINA</u>	Final Flow <u>60</u>	Safety Joint _____
		Final Shut-in <u>90</u>	Straddle <input checked="" type="checkbox"/>

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Approved By [Signature]
 Our Representative [Signature]

Circ. Sub _____
 Sampler _____
 Extra Packer _____
 Elect. Rec.
 Other _____
 TOTAL PRICE \$ _____