

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
Suite 207
 City/State/Zip San Clemente, CA 92672
 Purchaser: N.C.R.A.
 Operator Contact Person: Allen J. Gross
 Phone (714) 498-2101
 Contractor: Name: Abercrombie RTD, Inc.
 License: 30684
 Wellsite Geologist: Randall Kilian #3351

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, MSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:
 Operator: _____
 Well Name: _____
 Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PSTD
 Cemented Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____
03/20/97 03/26/97 03/26/97
 Spud Date Date Reached TD Completion Date

API NO. 15- 109-20,645-0000
 County Logan County, Kansas
70'E. W/2. W/2 SW Sec. 13 Twp. 11S Rge. 34 XX W
1320' Feet from S (circle one) Line of Section
400' Feet from E (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or S (circle one)
 Lease Name Wassemiller Well # 4
 Field Name Monument West
 Producing Formation LANSING-KANSAS CITY
 Elevation: Ground 3130' KB 3135'
 Total Depth 4375' PSTD 4309'
 Amount of Surface Pipe Set and Cemented at 251.22' 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 ALT I 2/11/98 1-14-98
 (Data must be collected from the Reserve Pit)
 Chloride content 31,000 ppm Fluid volume 1180 bbls
 Dewatering method used Evaporation
 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, 200 Colorado Derby Building, 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.

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.

Allen J. Gross
 President Date 01/07/98

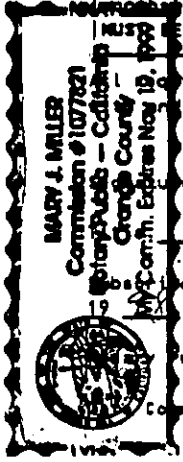
Subscribed and sworn to before me this 7th day of January, 1998
 Public Mary J. Miller
 Commission Expires 11/19/99

JAN 9 2 10PM 1-12-98

(K.C.C. OFFICE USE ONLY)

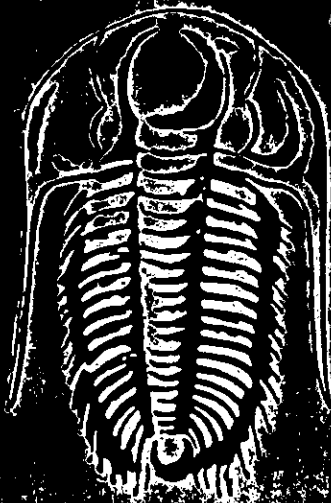
F Letter of Confidentiality Attached
 C Wireline Log Received
 C Geologist Report Received

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



WELL NAME: Wasse Miller #4
COMPANY: Pelican Hill Oil & Gas
LOCATION: Sec. 13 Twp. 11S Rge. 34W
Logan County Kansas
DATE: 04/01/97

15-109-20645-0000



**TRILOBITE
TESTING, L.L.C.**

TEST REPORT

(Includes All DST's)

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas
 WELL NAME: WasseMiller #4
 LOCATION : 13-11S-34W Logan KS.
 INTERVAL : 4274.00 To 4310.00 ft

DATE 3-25-97

KB 3135.00 ft TICKET NO: 9917 DST #1
 GR 3130.00 ft FORMATION: Lans/KC "K"
 TD 4310.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	2341			PF Fr. 1305 to 1335 hr
SI 45 Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1335 to 1420 hr
SF 45 Clock(hrs)	12 HR	12 HR	Elec			SF Fr. 1420 to 1505 hr
FS 45 Depth(ft)	4305.0	4305.0	4276.0	0.0	0.0	FS Fr. 1505 to 1550 hr

	Field	1	2	3	4	
A. Init Hydro	2123.0	2234.0	2072.0	0.0	0.0	T STARTED 1133 hr
B. First Flow	20.0	79.0	13.0	0.0	0.0	T ON BOTM 1303 hr
B1. Final Flow	31.0	73.0	35.0	0.0	0.0	T OPEN 1305 hr
C. In Shut-in	301.0	325.0	321.0	0.0	0.0	T PULLED 1550 hr
D. Init Flow	52.0	119.0	40.0	0.0	0.0	T OUT 1745 hr
E. Final Flow	62.0	102.0	61.0	0.0	0.0	
F. Fl Shut-in	291.0	316.0	308.0	0.0	0.0	
G. Final Hydro	2103.0	2230.0	2045.0	0.0	0.0	TOOL DATA-----
Inside/Outside	0	0	I			Tool Wt. 1800.00 lbs
						Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 80000.00 lbs
						Initial Str Wt 44000.00 lbs
						Unseated Str Wt 44000.00 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 3639.00 ft
						H.W. I.D 2.80 in
						H.W. Length 631.00 ft

RECOVERY

Tot Fluid 120.00 ft of 0.00 ft in DC and 120.00 ft in DP
 30.00 ft of Clean Oil
 30.00 ft of Slightly Gassy Oil Cut Mud
 0.00 ft of 5%gas 15%oil 80%mud
 60.00 ft of Gassy Oil Cut Mud
 0.00 ft of 10%gas 10%oil 80%mud
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 37.20

BLOW DESCRIPTION

Initial Flow:
 Weak surface blow, slowly built to
 3 1/2"

Initial Shut In:
 No return blow

Final Flow:
 Very weak return in 5 mins, built to
 1"

Final Shut In:
 No return blow

SAMPLES:
 SENT TO:

MUD DATA-----	
Mud Type	Chemical
Weight	9.10 lb/c
Vis.	48.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	120.00 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	Rod Steinbrink
Co. Rep.	Al Gross/Randy K
Contr.	Abercrombie
Rig #	8
Unit #	
Pump T.	

Test Successful: Y

*** TOOL DIAGRAM *** CONV

15-109-20645-0000

WELL NAME: WasseMiller #4

LOCATION : 13-11S-34W Logan KS.

TICKET No. 9917 D.S.T. No. 1 DATE 3-25-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL 36

BOTTOM PACKERS AND ANCHOR

TOTAL TOOL 56

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single Total

TOTAL ASSEMBLY 56

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands69 Single Total 4270

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4326

TOTAL DEPTH 4310

TOTAL DRILL PIPE ABOVE K.B. 16

REMARKS:

P.O. SUB 1' Above 120' WP	4134
C.O. SUB 1'	4254
S.I. TOOL 5'	4260
HMV 5'	4265
JARS N/A	
SAFETY JOINT N/A	
PACKER Top 4'	4269
PACKER Bottom 5'	4274
DEPTH	
STUBB 1'	4275
ANCHOR	
Alp. Rec. @ 4276	
30' Perf.	4305
T.C.	
DEPTH	
AK-1 Rec. @ 4305	
BULLNOSE 5'	
T.D.	4310

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9917 DST #1 Wassemiller #4 Pelican Hill

DATE: 03/25/97 TIME: 11:34:21

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	91.00	2072.2	0.0	112.71		
***** Start Flow 1	0.00	13.2	0.0	113.06		
	1.00	14.7	1.5	113.18		
	2.00	16.0	2.8	113.32		
	3.00	17.0	3.9	113.42		
	4.00	18.0	4.8	113.51		
	5.00	19.1	5.9	113.57		
	6.00	20.0	6.8	113.62		
	7.00	20.9	7.7	113.65		
	8.00	21.8	8.6	113.68		
	9.00	22.6	9.4	113.71		
	10.00	23.3	10.1	113.74		
	11.00	24.0	10.9	113.76		
	12.00	24.8	11.7	113.78		
	13.00	25.6	12.4	113.81		
	14.00	26.3	13.2	113.83		
	15.00	26.9	13.8	113.85		
	16.00	27.6	14.4	113.88		
	17.00	28.2	15.1	113.91		
	18.00	29.1	16.0	113.94		
	19.00	29.4	16.3	113.98		
	20.00	29.9	16.8	114.01		
	21.00	30.7	17.5	114.05		
	22.00	31.3	18.2	114.10		
	23.00	32.1	18.9	114.13		
	24.00	32.4	19.2	114.18		
	25.00	33.0	19.8	114.23		
	26.00	33.6	20.5	114.27		
	27.00	34.2	21.1	114.32		
	28.00	34.8	21.6	114.36		
***** End Flow 1	29.00	35.3	22.1	114.41		
***** Start Shutin 1	0.00	35.3	0.0	114.41	0.0000	0.001
	1.00	43.9	8.7	114.46	30.0000	0.002
	2.00	58.0	22.7	114.51	15.5000	0.003
	3.00	76.4	41.1	114.56	10.6667	0.006
	4.00	101.0	65.7	114.60	8.2500	0.010
	5.00	131.5	96.3	114.66	6.8000	0.017
	6.00	164.3	129.0	114.72	5.8333	0.027
	7.00	193.3	158.0	114.78	5.1429	0.037
	8.00	216.3	181.0	114.87	4.6250	0.047
	9.00	233.4	198.1	114.92	4.2222	0.054
	10.00	246.2	210.9	114.98	3.9000	0.061
	11.00	255.9	220.7	115.07	3.6364	0.066
	12.00	263.9	228.6	115.12	3.4167	0.070
	13.00	270.3	235.0	115.17	3.2308	0.073
	14.00	275.7	240.4	115.22	3.0714	0.076
	15.00	280.2	244.9	115.29	2.9333	0.079
	16.00	284.1	248.8	115.34	2.8125	0.081
	17.00	287.7	252.4	115.40	2.7059	0.083
	18.00	290.7	255.4	115.45	2.6111	0.084
	19.00	293.4	258.1	115.51	2.5263	0.086

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9917 DST #1 Wassemiller #4 Pelican Hill
 DATE: 03/25/97 TIME: 11:34:21

Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
20.00	295.9	260.6	115.55	2.4500	0.088
21.00	298.1	262.9	115.60	2.3810	0.089
22.00	300.2	264.9	115.66	2.3182	0.090
23.00	302.0	266.8	115.71	2.2609	0.091
24.00	303.7	268.4	115.76	2.2083	0.092
25.00	305.3	270.0	115.80	2.1600	0.093
26.00	306.7	271.4	115.84	2.1154	0.094
27.00	307.8	272.6	115.89	2.0741	0.095
28.00	309.3	274.0	115.94	2.0357	0.096
29.00	310.4	275.2	115.95	2.0000	0.096
30.00	311.6	276.3	116.02	1.9667	0.097
31.00	312.6	277.3	116.07	1.9355	0.098
32.00	313.5	278.2	116.11	1.9062	0.098
33.00	314.4	279.2	116.15	1.8788	0.099
34.00	315.3	280.0	116.18	1.8529	0.099
35.00	316.0	280.8	116.21	1.8286	0.10
36.00	316.8	281.5	116.26	1.8056	0.100
37.00	317.4	282.1	116.29	1.7838	0.101
38.00	318.1	282.9	116.33	1.7632	0.101
39.00	318.7	283.4	116.36	1.7436	0.102
40.00	319.4	284.1	116.40	1.7250	0.102
41.00	319.9	284.6	116.42	1.7073	0.102
42.00	320.5	285.2	116.46	1.6905	0.103
43.00	321.0	285.7	116.49	1.6744	0.103
44.00	321.5	286.2	116.52	1.6591	0.103
***** End Shut-in 1					
***** Start Flow 2					
0.00	39.5	0.0	116.58		
1.00	40.3	0.8	116.59		
2.00	41.2	1.7	116.62		
3.00	41.7	2.2	116.72		
4.00	42.5	3.0	116.90		
5.00	43.2	3.7	117.17		
6.00	43.9	4.4	117.46		
7.00	44.5	5.0	117.70		
8.00	45.2	5.7	117.94		
9.00	45.8	6.3	118.11		
10.00	46.3	6.8	118.26		
11.00	47.0	7.5	118.38		
12.00	47.5	8.0	118.47		
13.00	47.8	8.3	118.55		
14.00	48.3	8.8	118.58		
15.00	48.8	9.3	118.64		
16.00	49.3	9.8	118.67		
17.00	49.8	10.3	118.71		
18.00	50.3	10.8	118.74		
19.00	50.7	11.2	118.78		
20.00	51.2	11.7	118.82		
21.00	51.7	12.2	118.86		
22.00	52.1	12.6	118.88		
23.00	52.5	13.0	118.92		
24.00	53.0	13.5	118.95		
25.00	53.5	14.0	118.96		

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9917 DST #1 Wasse Miller #4 Pelican Hill

DATE: 03/25/97

TIME: 11:34:21

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	26.00	53.8	14.3	118.98		
	27.00	54.3	14.8	118.99		
	28.00	54.7	15.2	119.01		
	29.00	55.1	15.6	119.03		
	30.00	55.5	16.0	119.03		
	31.00	56.0	16.5	119.03		
	32.00	56.4	16.9	119.04		
	33.00	56.7	17.2	119.05		
	34.00	57.1	17.6	119.06		
	35.00	57.7	18.2	119.07		
	36.00	58.0	18.5	119.07		
	37.00	58.4	18.9	119.09		
	38.00	58.8	19.3	119.09		
	39.00	59.2	19.7	119.11		
	40.00	59.7	20.2	119.11		
	41.00	60.1	20.6	119.12		
	42.00	60.6	21.1	119.14		
	43.00	60.8	21.3	119.16		
	44.00	61.2	21.7	119.16		
*****	End Flow 2	45.00	61.5	22.0	119.18	
*****	Start Shutin 2	0.00	61.5	0.0	119.18	0.0000
		1.00	63.5	2.0	119.20	75.0000
		2.00	72.9	11.4	119.23	38.0000
		3.00	83.3	21.8	119.24	25.6667
		4.00	94.8	33.3	119.28	19.5000
		5.00	107.9	46.4	119.31	15.8000
		6.00	122.4	60.9	119.35	13.3333
		7.00	138.5	76.9	119.39	11.5714
		8.00	155.2	93.7	119.43	10.2500
		9.00	172.2	110.7	119.49	9.2222
		10.00	188.6	127.1	119.55	8.4000
		11.00	203.8	142.3	119.61	7.7273
		12.00	217.3	155.8	119.67	7.1667
		13.00	228.8	167.3	119.71	6.6923
		14.00	238.6	177.1	119.76	6.2857
		15.00	246.9	185.4	119.82	5.9333
		16.00	253.9	192.4	119.85	5.6250
		17.00	259.7	198.2	119.91	5.3529
		18.00	264.7	203.2	119.94	5.1111
		19.00	269.1	207.6	119.98	4.8947
		20.00	272.9	211.4	120.03	4.7000
		21.00	276.1	214.6	120.06	4.5238
		22.00	279.0	217.5	120.08	4.3636
		23.00	281.6	220.1	120.12	4.2174
		24.00	284.1	222.6	120.19	4.0833
		25.00	286.3	224.7	120.25	3.9600
		26.00	288.2	226.7	120.30	3.8462
		27.00	290.0	228.5	120.36	3.7407
		28.00	291.8	230.3	120.40	3.6429
		29.00	293.3	231.8	120.45	3.5517
		30.00	294.9	233.3	120.52	3.4667

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ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9917 DST #1 Wasse Miller #4 Pelican Hill

DATE: 03/25/97

TIME: 11:34:21

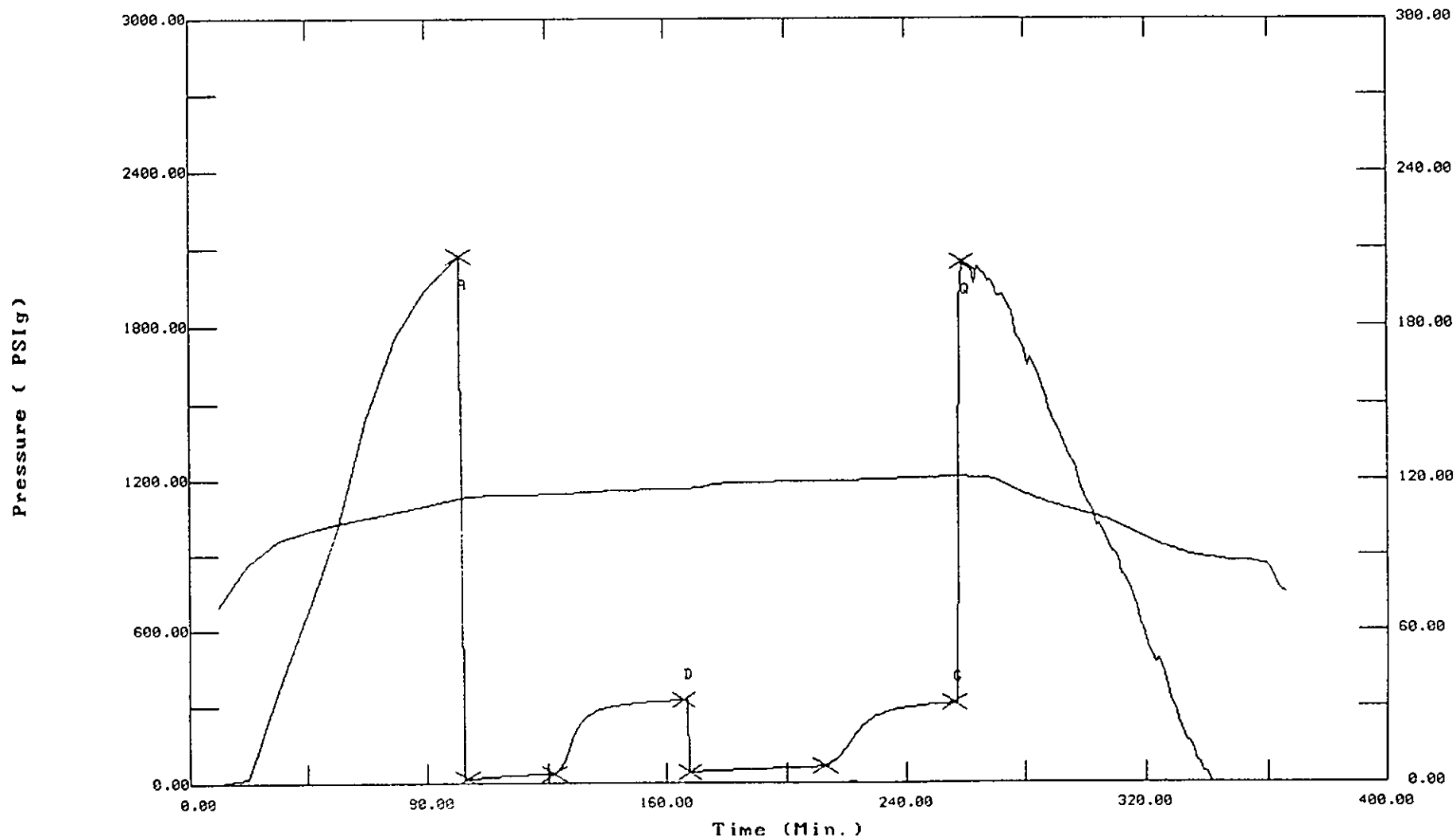
	Time	Pressure PSig	delta P PSig	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	31.00	296.3	234.8		120.58	3.3871	0.088
	32.00	297.7	236.2		120.64	3.3125	0.089
	33.00	298.8	237.3		120.68	3.2424	0.089
	34.00	300.0	238.5		120.72	3.1765	0.090
	35.00	301.2	239.7		120.73	3.1143	0.091
	36.00	302.2	240.7		120.76	3.0556	0.091
	37.00	303.2	241.7		120.78	3.0000	0.092
	38.00	304.1	242.6		120.81	2.9474	0.092
	39.00	305.0	243.5		120.83	2.8974	0.093
	40.00	305.9	244.4		120.84	2.8500	0.094
	41.00	306.7	245.2		120.86	2.8049	0.094
	42.00	307.5	246.0		120.88	2.7619	0.095
	43.00	308.2	246.7		120.89	2.7209	0.095
***** End Shut-in 2							
***** Final Hydro.	259.00	2044.7	0.0		121.04		

TEST HISTORY

9917 DST #1 Wasse Miller #4 Pelican Hill

Flag Points
t (Min.) P (PSIg)

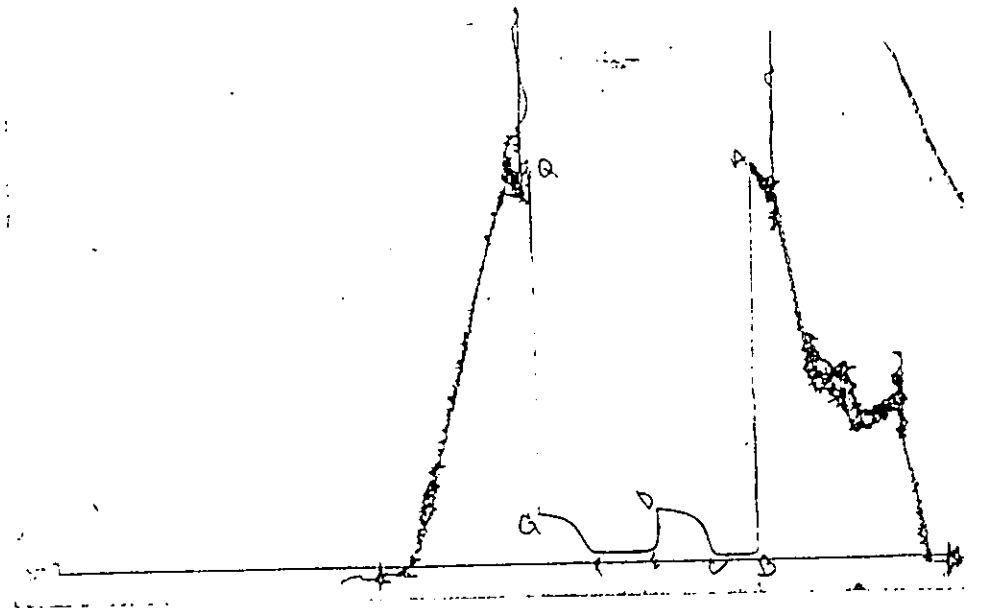
A:	0.00	2072.24
B:	0.00	13.16
C:	29.00	35.27
D:	44.00	321.48
E:	0.00	39.50
F:	45.00	61.51
G:	43.00	308.25
Q:	0.00	2044.70



0000.S4902.601.S1

CHART PAGE

DST #1
13339



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

15-109-20645-0000

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

15-109-20645-0000

Test Ticket

No. 9917

Well Name & No. Wassermiller #4 Test No. 1 Date 3-25-97
 Company Pelican Hill Oil & Gas, Inc. Zone Tested Lans/KC. 'K'
 Address 1401 El Camino Real #203 San Clemente CA 92672 Elevation 3135 KB 3130 GL
 Co. Rep / Geo. Al Gross/Randy K. Cont. Abercrombie #8 Est. Ft. of Pay Por. %
 Location: Sec. 13 Twp. 11^S Rge. 34^W Co. Logan State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4274 - 4310 Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 44,000
 Anchor Length 36' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 80,000
 Top Packer Depth 4269 Tool Weight 1,800
 Bottom Packer Depth 4274 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth 4310 Wt. Pipe Run 631' Drill Collar Run
 Mud Wt. 9.1 LCM trc Vis. 48 WL 9.6 Drill Pipe Size 4 1/2" XH Ft. Run 3639'
 Blow Description IF: Weak surface blow slowly built to 3 1/2"
IST: No blow back.
FF: Very weak return in 5 mins. built to 1"
EST: No blow back.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP	%gas	%oil	%water	%mud
Rec. <u>30'</u>	Feet Of <u>CD</u>			<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>
Rec. <u>30'</u>	Feet Of <u>SGDCM</u>	<u>5</u>		<u>15</u>	<u>0</u>	<u>80</u>	<u>0</u>
Rec. <u>60'</u>	Feet Of <u>GDCM</u>	<u>10</u>		<u>10</u>	<u>0</u>	<u>80</u>	<u>0</u>
Rec. <u> </u>	Feet Of <u> </u>			<u> </u>	<u> </u>	<u> </u>	<u> </u>
Rec. <u> </u>	Feet Of <u> </u>			<u> </u>	<u> </u>	<u> </u>	<u> </u>

BHT 120° °F Gravity 38 °API D@ 68° °F Corrected Gravity 37.2 °API
 RW @ °F Chlorides ppm Recovery Chlorides 2,000 ppm System

(A) Initial Hydrostatic Mud	<u>2123</u>	<u>2072</u>	PSI	Recorder No.	<u>2341</u>	T-Started	<u>1133</u>
(B) First Initial Flow Pressure	<u>20</u>	<u>13</u>	PSI	(depth)	<u>4276</u>	T-Open	<u>1305</u>
(C) First Final Flow Pressure	<u>31</u>	<u>35</u>	PSI	Recorder No.	<u>13339</u>	T-Pulled	<u>1550</u>
(D) Initial Shut-in Pressure	<u>301</u>	<u>321</u>	PSI	(depth)	<u>4305</u>	T-Out	<u>1745</u>
(E) Second Initial Flow Pressure	<u>52</u>	<u>39</u>	PSI	Recorder No.	<u> </u>		
(F) Second Final Flow Pressure	<u>62</u>	<u>61</u>	PSI	(depth)	<u> </u>		
(G) Final Shut-in Pressure	<u>291</u>	<u>308</u>	PSI	Initial Opening	<u>30</u>	Test	<u> </u>
(H) Final Hydrostatic Mud	<u>2103</u>	<u>2044</u>	PSI	Initial Shut-in	<u>45</u>	Jars	<u> </u>

AK-1 Alp.

Final Flow 45 Safety Joint
 Final Shut-in 45 Straddle

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 Parrell K. Klein
 Our Representative Rod Steinbrink

Circ. Sub X N/C
 Sampler
 Extra Packer
 Elect. Rec. X
 Other
 TOTAL PRICE \$

OPERATOR : Pelican Hill Oil & Gas
 WELL NAME: WasseMiller #4
 LOCATION : 13-11S-34W Logan KS.
 INTERVAL : 4227.00 To 4279.00 ft

DATE 3-25-97
 KB 3135.00 ft TICKET NO: 9918 DST #2
 GR 3130.00 ft FORMATION: Lans/KC "J & I"
 TD 4312.00 ft TEST TYPE: CONV STRADDLE

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13276	13276	2341		13339	PF Fr. 2237 to 2307 hr
SI 30	Range(Psi)	4000.0	4000.0	4995.0	0.0	4025.0	IS Fr. 2307 to 2337 hr
SF 30	Clock(hrs)	12 HR	12 HR	Elec		12 HR	SF Fr. 2337 to 0007 hr
FS 45	Depth(ft)	4235.0	4235.0	4270.0	0.0	4307.0	FS Fr. 0007 to 0055 hr

	Field	1	2	3	4	
A. Init Hydro	2092.0	2102.0	2078.0	0.0	2153.0	T STARTED 2055 hr
B. First Flow	39.0	66.0	18.0	0.0	0.0	T ON BOTM 2235 hr
B1. Final Flow	50.0	66.0	44.0	0.0	0.0	T OPEN 2237 hr
C. In Shut-in	1171.0	1181.0	1191.0	0.0	0.0	T PULLED 0055 hr
D. Init Flow	70.0	104.0	48.0	0.0	0.0	T OUT 0315 hr
E. Final Flow	70.0	89.0	64.0	0.0	0.0	
F. Fl Shut-in	1191.0	1202.0	1212.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2053.0	2059.0	2086.0	0.0	2133.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I		S	Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 44000.00 lbs
						Unseated Str Wt 44000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.80 in
						D. Col. ID 0.00 in
						D. Pipe ID .3.80 in
						D.C. Length 0.00 ft
						D.P. Length 3610.00 ft
						H.W. I.D 2.80 in
						H.W. Length 631.00 ft

RECOVERY

Tot Fluid 90.00 ft of 0.00 ft in DC and 90.00 ft in DP
 5.00 ft of Free Oil
 85.00 ft of Slightly Gassy Oil Cut Mud
 0.00 ft of 10%gas 5%oil 85%mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow:
 Weak surface blow built to 3"

Initial Shut In:
 No return blow

Final Flow:
 Weak surface blow built to 1"

Final Shut In:
 No return blow

SAMPLES:
 SENT TO:

MUD DATA-----

Mud Type Chemical
 Weight 9.10 lb
 Vis. 48.00 S/
 W.L. 9.60 in
 F.C. 0.00 in
 Mud Drop N

Amt. of fill 0.00 ft
 Btm. H. Temp. 124.00 F
 Hole Condition Good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 3
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N

Tester Rod Steinbrink
 Co. Rep. Al Gross/Randy K
 Contr. Abercrombie
 Rig # 8
 Unit #
 Pump T.

Test Successful: Y

*** TOOL DIAGRAM *** CONV STRADDLE

15109-20645-0000

WELL NAME: WasseMiller #4

LOCATION : 13-11S-34W Logan KS.

TICKET No. 9918 D.S.T. No. 2 DATE 3-25-97

TOTAL TOOL TO BOTTOM OF TOP PACKERS 20

INTERVAL TOOL 21

BOTTOM PACKERS AND ANCHOR 33

TOTAL TOOL 74

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

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

TOTAL ASSEMBLY 105

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands 68 Single Total 4241

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4346

TOTAL DEPTH 4312

TOTAL DRILL PIPE ABOVE K.B. 34

EMARKS:

P.O. SUB 1' Above 120' WP	4090
C.O. SUB 1'	4210
S.I. TOOL 5'	4216
HMV 5'	4221
JARS N/A	
SAFETY JOINT N/A	
PACKER Top 4'	4225
PACKER Bottom 5'	4227
DEPTH	
STUBB 1'	4228
ANCHOR	
Alp. Rec. @ 4235	
8' Perf.	4236
1' CO Sub	4237
31' DP	4268
1' CO Sub	4269
AK-1 Rec. @ 4270	
5' Perf.	4275
1' Blank Off Sub	4276
T.C.	
DEPTH	
PACKER 3'	4279
1' Stubb	4280
27' Perf.	4307
AK-1 Rec. @ 4307	
BULLNOSE 5'	
T.D.	4312

15:09.20645.0000

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9918 DST #2 Wasse Miller #4 Pelican Hill Oil & Gas

DATE: 03/25/97

TIME: 20:56:28

	Time	Pressure PSIG	delta P PSIG	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	100.00	2078.0	0.0	119.88		
***** Start Flow 1	0.00	17.6	0.0	120.08		
	1.00	20.1	2.6	120.12		
	2.00	21.8	4.2	120.14		
	3.00	22.5	5.0	120.16		
	4.00	23.7	6.1	120.17		
	5.00	24.8	7.3	120.18		
	6.00	25.9	8.3	120.20		
	7.00	26.9	9.4	120.21		
	8.00	27.6	10.0	120.25		
	9.00	28.3	10.7	120.26		
	10.00	29.2	11.6	120.32		
	11.00	29.8	12.3	120.34		
	12.00	30.8	13.2	120.39		
	13.00	31.6	14.0	120.41		
	14.00	32.8	15.2	120.43		
	15.00	32.9	15.4	120.49		
	16.00	33.8	16.2	120.53		
	17.00	34.8	17.2	120.58		
	18.00	35.4	17.8	120.63		
	19.00	36.8	19.2	120.67		
	20.00	37.5	20.0	120.70		
	21.00	37.8	20.3	120.75		
	22.00	38.7	21.2	120.80		
	23.00	39.4	21.8	120.85		
	24.00	40.2	22.6	120.89		
	25.00	41.4	23.8	120.94		
	26.00	41.6	24.0	120.98		
	27.00	42.2	24.6	121.03		
	28.00	42.8	25.3	121.08		
	29.00	43.1	25.6	121.12		
	30.00	43.6	26.1	121.16		
***** End Flow 1	31.00	43.8	26.2	121.21		
***** Start Shutin 1	0.00	43.8	0.0	121.21	0.0000	0.002
	1.00	46.8	3.1	121.25	32.0000	0.002
	2.00	55.0	11.2	121.30	16.5000	0.003
	3.00	65.1	21.3	121.34	11.3333	0.004
	4.00	77.8	34.1	121.39	8.7500	0.006
	5.00	95.0	51.3	121.42	7.2000	0.009
	6.00	119.3	75.5	121.47	6.1667	0.014
	7.00	155.1	111.4	121.52	5.4286	0.024
	8.00	210.2	166.5	121.57	4.8750	0.044
	9.00	294.2	250.5	121.61	4.4444	0.087
	10.00	410.5	366.8	121.68	4.1000	0.169
	11.00	543.9	500.1	121.74	3.8182	0.296
	12.00	668.3	624.6	121.84	3.5833	0.447
	13.00	772.4	728.6	121.90	3.3846	0.597
	14.00	858.0	814.2	121.95	3.2143	0.736
	15.00	927.2	883.5	122.02	3.0667	0.860
	16.00	980.8	937.0	122.09	2.9375	0.962
	17.00	1022.6	978.8	122.14	2.8235	1.046

15-109-20645-0000

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9918 DST #2 Wasse Miller #4 Pelican Hill Oil & Gas

DATE: 03/25/97

TIME: 20:56:28

	Time	Pressure PSIg	delta P PSIg	P	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	18.00	1055.8	1012.0		122.21	2.7222	1.115
	19.00	1082.3	1038.6		122.27	2.6316	1.171
	20.00	1103.8	1060.1		122.32	2.5500	1.218
	21.00	1121.8	1078.1		122.37	2.4762	1.259
	22.00	1136.8	1093.0		122.42	2.4091	1.292
	23.00	1149.5	1105.7		122.47	2.3478	1.321
	24.00	1160.2	1116.5		122.51	2.2917	1.346
	25.00	1169.6	1125.8		122.55	2.2400	1.368
	26.00	1177.7	1134.0		122.59	2.1923	1.387
	27.00	1184.9	1141.2		122.63	2.1481	1.404
***** End Shut-in 1	28.00	1191.3	1147.6		122.65	2.1071	1.419
***** Start Flow 2	0.00	47.6	0.0		122.62		
	1.00	47.9	0.3		122.61		
	2.00	48.9	1.3		122.59		
	3.00	49.6	2.0		122.55		
	4.00	50.3	2.7		122.54		
	5.00	51.0	3.4		122.53		
	6.00	51.6	4.0		122.54		
	7.00	52.2	4.6		122.54		
	8.00	52.7	5.1		122.54		
	9.00	53.0	5.4		122.55		
	10.00	53.5	5.9		122.57		
	11.00	54.1	6.5		122.59		
	12.00	54.6	7.0		122.59		
	13.00	55.1	7.5		122.62		
	14.00	55.6	8.0		122.64		
	15.00	56.0	8.4		122.66		
	16.00	56.5	8.9		122.68		
	17.00	57.0	9.4		122.70		
	18.00	57.5	9.9		122.73		
	19.00	58.0	10.4		122.76		
	20.00	58.4	10.8		122.78		
	21.00	59.1	11.5		122.79		
	22.00	59.4	11.8		122.82		
	23.00	59.9	12.3		122.84		
	24.00	60.3	12.7		122.86		
	25.00	60.8	13.2		122.89		
	26.00	61.2	13.6		122.91		
	27.00	61.6	14.0		122.93		
	28.00	62.2	14.6		122.96		
	29.00	62.5	14.9		122.99		
	30.00	62.9	15.3		123.00		
	31.00	63.4	15.8		123.02		
***** End Flow 2	32.00	63.7	16.1		123.05		
***** Start Shutin 2	0.00	63.7	0.0		123.05	0.0000	0.004
	1.00	65.8	2.1		123.07	64.0000	0.004
	2.00	76.0	12.4		123.09	32.5000	0.006
	3.00	87.8	24.2		123.11	22.0000	0.008
	4.00	102.4	38.7		123.13	16.7500	0.010
	5.00	120.5	56.9		123.16	13.6000	0.015
	6.00	144.2	80.6		123.18	11.5000	0.021

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9918 DST #2 Wasse Miller #4 Pelican Hill Oil & Gas

DATE: 03/25/97

TIME: 20:56:28

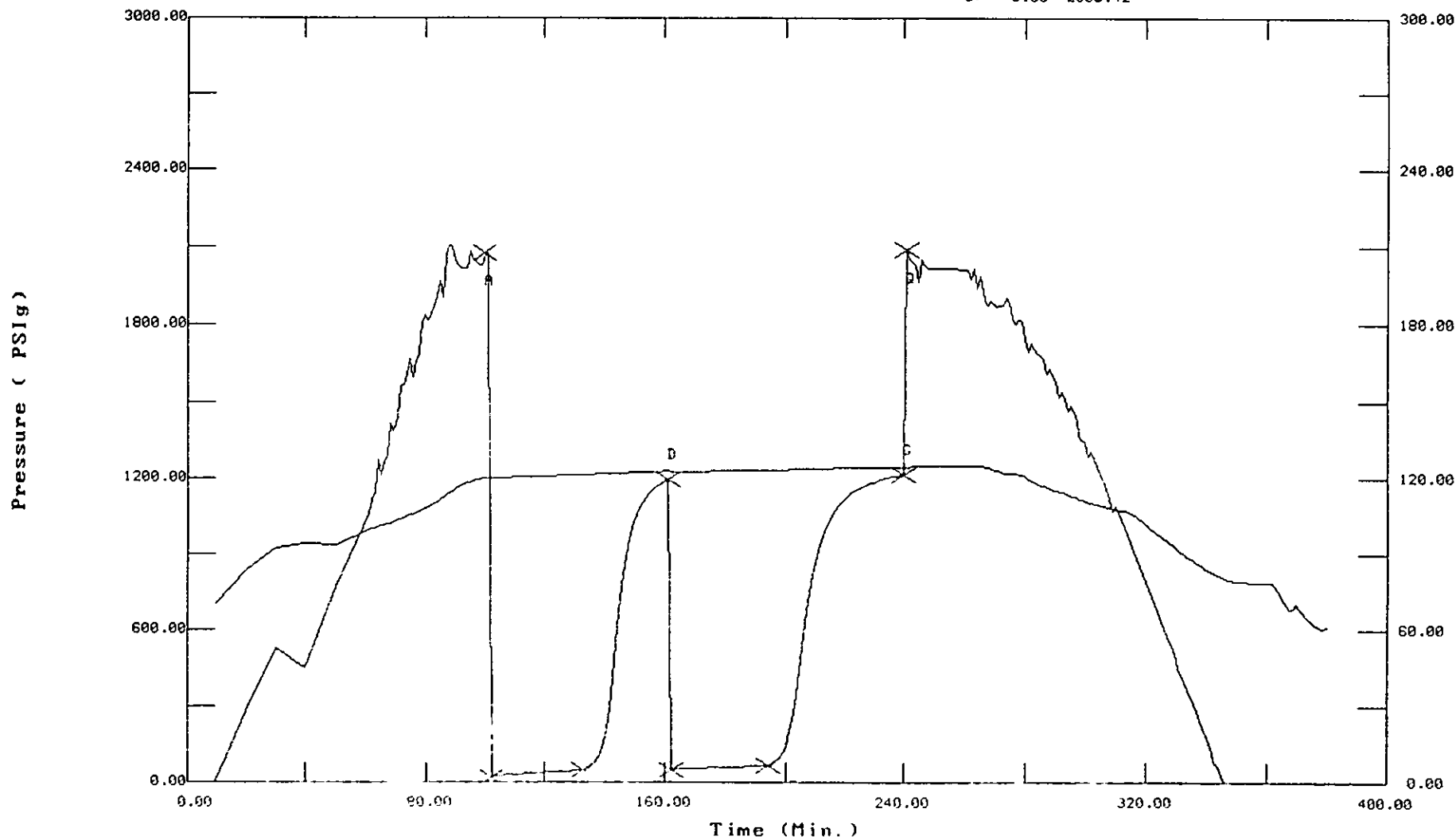
Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
7.00	175.7	112.0	123.19	10.0000	0.031
8.00	217.9	154.2	123.25	8.8750	0.047
9.00	274.8	211.2	123.30	8.0000	0.076
10.00	348.8	285.2	123.32	7.3000	0.122
11.00	437.9	374.2	123.35	6.7273	0.192
12.00	535.0	471.4	123.40	6.2500	0.286
13.00	629.9	566.2	123.43	5.8462	0.397
14.00	714.7	651.0	123.48	5.5000	0.511
15.00	786.2	722.5	123.53	5.2000	0.618
16.00	844.9	781.2	123.58	4.9375	0.714
17.00	893.1	829.5	123.62	4.7059	0.798
18.00	935.2	871.6	123.67	4.5000	0.875
19.00	973.9	910.2	123.72	4.3158	0.948
20.00	1006.5	942.9	123.74	4.1500	1.013
21.00	1033.5	969.8	123.79	4.0000	1.068
22.00	1056.1	992.4	123.82	3.8636	1.115
23.00	1075.0	1011.4	123.86	3.7391	1.156
24.00	1091.4	1027.8	123.90	3.6250	1.191
25.00	1105.4	1041.7	123.93	3.5200	1.222
26.00	1117.5	1053.8	123.97	3.4231	1.249
27.00	1127.9	1064.3	123.99	3.3333	1.272
28.00	1137.2	1073.5	124.01	3.2500	1.293
29.00	1145.2	1081.6	124.03	3.1724	1.312
30.00	1152.3	1088.7	124.05	3.1000	1.328
31.00	1158.7	1095.1	124.07	3.0323	1.343
32.00	1164.5	1100.8	124.07	2.9688	1.356
33.00	1169.7	1106.0	124.11	2.9091	1.368
34.00	1174.5	1110.9	124.10	2.8529	1.379
35.00	1179.0	1115.3	124.13	2.8000	1.390
36.00	1183.1	1119.5	124.15	2.7500	1.400
37.00	1186.9	1123.2	124.18	2.7027	1.409
38.00	1190.4	1126.7	124.19	2.6579	1.417
39.00	1193.7	1130.1	124.22	2.6154	1.425
40.00	1196.7	1133.0	124.23	2.5750	1.432
41.00	1199.5	1135.9	124.26	2.5366	1.439
42.00	1202.3	1138.7	124.28	2.5000	1.446
43.00	1204.9	1141.2	124.33	2.4651	1.452
44.00	1207.4	1143.7	124.29	2.4318	1.458
45.00	1209.7	1146.1	124.31	2.4000	1.463
46.00	1211.9	1148.2	124.33	2.3696	1.469
***** End Shut-in					
***** Final Hydro.	241.00	2086.4	0.0	124.37	

TEST HISTORY

9918 DST #2 Wasse Miller #4 Pelican Hill Oil & Gas

Flag Points
t (Min.) P (PSIg)

A:	0.00	2078.04
B:	0.00	17.56
C:	31.00	43.75
D:	28.00	1191.32
E:	0.00	47.61
F:	32.00	63.66
G:	46.00	1211.89
Q:	0.00	2086.42



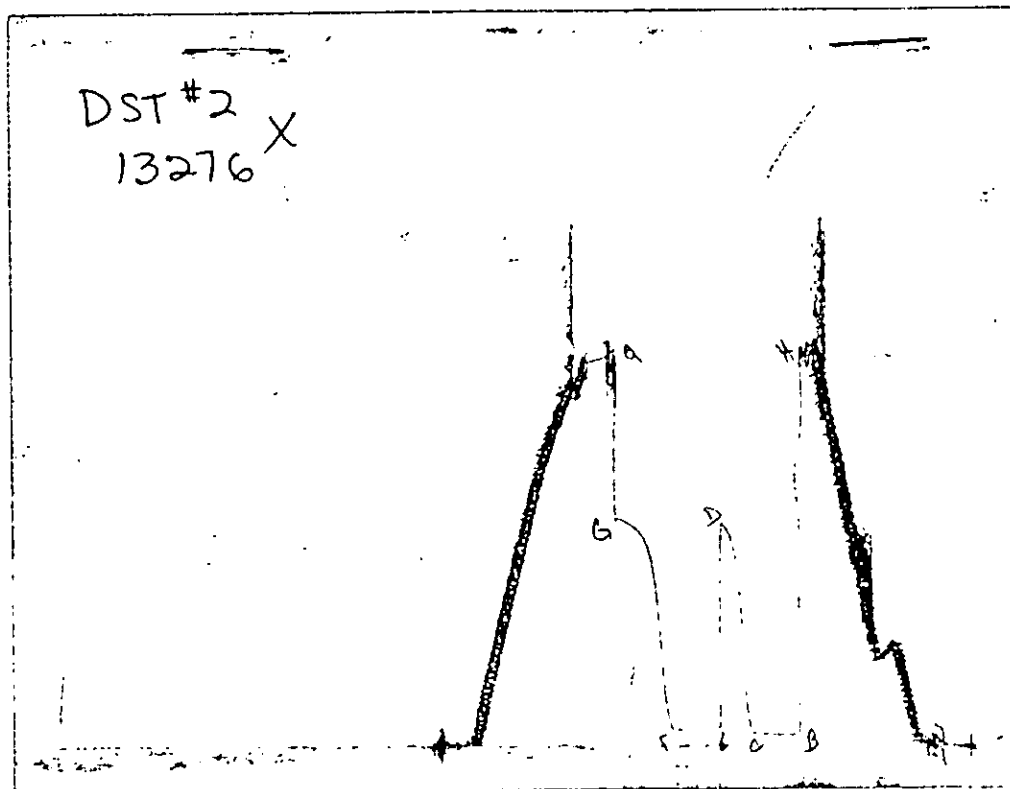
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Temperature (DEG F)

Pressure (PSIg)

Time (Min.)

CHART PAGE



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

15-109 20645-0000

Test Ticket

No 9918

Well Name & No. Wassermiller #4 Test No. 2 Date 3-25-97
 Company Pelican Hill Oil & Gas, Inc. Zone Tested Lans/KC "I & J"
 Address 1401 El Camino Real #203 San Clemente CA. 92672 Elevation 3135 KB 3130 GL
 Co. Rep / Geo. Al Gross / Randy K. Cont. Abercrombie #8 Est. Ft. of Pay Por. %
 Location: Sec. 13 Twp. 11^S Rge. 34^W Co. Logan State KS
 No. of Copies Distribution Sheet (Y, N) Turnkey (Y, N) Evaluation (Y, N)

Interval Tested 4227 - 4279 Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 44,000
 Anchor Length 52' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 60,000
 Top Packer Depth 4222 - 4227 Tool Weight 1,800
 Bottom Packer Depth 4279 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Total Depth (LTD) 4312 Wt. Pipe Run 631' Drill Collar Run
 Mud Wt. 9.1 LCM trc Vis. 48 WL 9.6 Drill Pipe Size 4 1/2" XH Ft. Run 3610'
 Blow Description IF: Weak surface blow built to 3"
ISI: No return blow.
FF: Weak surface return built to 1".
FSI: No return blow.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>90'</u>	<u> </u>	<u> </u>	<u>90'</u>
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u>5'</u> Feet Of <u>Free Oil</u>	%gas <u>100</u>	%oil	%water %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud
Rec. <u>85'</u> Feet Of <u>SGOCM</u>	<u>10</u> %gas	<u>5</u> %oil	%water <u>85</u> %mud
Rec. <u> </u> Feet Of <u> </u>	%gas	%oil	%water %mud

BHT 124° °F Gravity °API D@ °F Corrected Gravity °API
 RW @ °F Chlorides ppm Recovery Chlorides 2,000 ppm System
 (A) Initial Hydrostatic Mud 2092 | 2069 PSI Recorder No. 2341 T-Started 2055
 (B) First Initial Flow Pressure 39 | 17 PSI (depth) 4235 T-Open 2237
 (C) First Final Flow Pressure 50 | 43 PSI Recorder No. 13276 T-Pulled 0055
 (D) Initial Shut-in Pressure 1171 | 1291 PSI (depth) 4270 T-Out 0315
 (E) Second Initial Flow Pressure 70 | 47 PSI Recorder No. 13339
 (F) Second Final Flow Pressure 70 | 63 PSI (depth) 4307
 (G) Final Shut-in Pressure 1191 | 1211 PSI Initial Opening 30 Test
 (H) Final Hydrostatic Mud 2053 | 2053 PSI Initial Shut-in 30 Jars

13276 AK-1 Alp.

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 Rod Steinbrink

Final Flow 30 Safety Joint
 Final Shut-in 45 Straddle X
 Circ. Sub X N/C
 Sampler
 Extra Packer X
 Elect. Rec. X
 Other
 TOTAL PRICE \$

ALLIED CEMENTING CO., INC.

15109-20645-0000

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

ORIGINAL

SERVICE POINT: Cal

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
3-20-57	13	11	34		10:00 AM		
Wasserman LEASE	WELL# 4	LOCATION			Amount of 211-210-33	COUNTY	STATE

OLD OR NEW (Circle one)

CONTRACTOR Whorecombe P.T.D.#
 TYPE OF JOB Surface
 HOLE SIZE 17 1/4 T.D. 256'
 CASING SIZE 8 7/8 DEPTH 251'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____

OWNER _____
 CEMENT

AMOUNT ORDERED 1900 @ 2% 10/4
4% 66-2% 66

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

EQUIPMENT

PUMP TRUCK CEMENTER Walt
 # 191 HELPER Walt
 BULK TRUCK
 # 212 DRIVER Tony (part Bulley)
 BULK TRUCK
 # _____ DRIVER _____

TOTAL _____

REMARKS:

SERVICE

_____ Consolidated Oil Co.

DEPTH OF JOB 251
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 2.00 @ 2.00
 PLUG 8 7/8 surface @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

CHARGE TO: Pelican Hill Oil & Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL _____

TAX _____
 TOTAL CHARGE _____
 DISCOUNT _____ IF PAID IN 30 DAYS

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 [Signature]

GENERAL TERMS AND CONDITIONS

DEFINITIONS: In these terms and conditions, "Allied" shall mean Allied Cementing Co., Inc., and "Customer" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, "CUSTOMER" must tender full cash payment to "ALLIED" before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, "CUSTOMER" agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that "CUSTOMER" may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the "CUSTOMER" or at the option of "ALLIED," refunded directly to "CUSTOMER." For purposes of this paragraph, ALLIED and CUSTOMER agree that KANSAS law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in "ALLIED'S" current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL, CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

—**SERVICE CONDITIONS AND LIABILITIES:** 1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. Customer shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

WARRANTIES: 1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. **THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.**

2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

ALLIED CEMENTING CO., INC.

8440

Federal Tax I.D.#

15-10920645-0000

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

SERVICE POINT:

Russell

ORIGINAL

DATE <u>3-26-97</u>	SEC <u>13</u>	TWP. <u>11</u>	RANGE <u>34</u>	CALLED OUT <u>10:00 AM</u>	ON LOCATION <u>2:15 PM</u>	JOB START	JOB FINISH <u>4:45 PM</u>
LEASE <u>Wasserman</u>	WELL # <u>4</u>	LOCATION <u>2 1/2 S monument</u>			COUNTY <u>Logan</u>	STATE <u>Ka</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Aber Delg #8

TYPE OF JOB Oil Prod. CSG

HOLE SIZE 7 1/2 T.D.

CASING SIZE 4 1/2 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER Same

CEMENT

AMOUNT ORDERED 3 1/4 14. CFK²

1500 lbs ASC 10% salt 7" Galsonite

25 bbls salt flush 500 gal WFR²

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
<u>RR2</u>	@	<u>150</u>	<u>1305⁰⁰</u>
<u>Salt</u>	@	<u>25</u>	<u>175⁰⁰</u>
<u>CFR-2</u>	@	<u>105#</u>	<u>467²⁵</u>
<u>Bilconite</u>	@	<u>987#</u>	<u>4046⁷</u>
<u>WFR-2</u>	@	<u>500</u>	<u>500⁰⁰</u>
HANDLING	@	<u>1.25</u>	<u>157⁰⁰</u>
MILEAGE		<u>40 / 54 / Mile</u>	<u>80⁰⁰</u>

EQUIPMENT

PUMP TRUCK CEMENTER Bill L

221 HELPER Ron D

BULK TRUCK DRIVER

BULK TRUCK DRIVER Brent

TOTAL 3037⁴²

REMARKS:

SERVICE

pipe out c 4363

Shoe Jt. 40

Insert c 4323

pump 20 bbls salt flush, 500 gal WFR²

5 bbls salt flush, Cem. w/ 150 lb

ASC w/ 3 1/4 CFK² 7" Galsonite

pump plug w/ 8 bbls water

float did hold

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>125⁰⁰</u>
EXTRA FOOTAGE	@		
MILEAGE	@	<u>12</u>	<u>295⁰⁰</u>
PLUG	@	<u>4 1/2</u>	<u>38⁰⁰</u>
	@		
	@		

TOTAL 1102⁰⁰

CHARGE TO: Pelican Hill Oil & Gas

STREET 1801 N El Camino Real #203

CITY San Clemente STATE Calif. 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

ALLIED CEMENTING CO., INC.

5515

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

U. S. NA

15-109-20645-0000
SERVICE POINT:

Baldy

DATE <u>4-3-97</u>	SEC. <u>13</u>	TWP. <u>11 S</u>	RANGE <u>34 W</u>	CALLED OUT	ON LOCATION <u>1:30 PM</u>	JOB START	JOB FINISH <u>4:15 PM</u>
LEASE <u>Wassenaar</u>	WELL # <u>4</u>	LOCATION <u>Monument 2W-1/2S-E.S.</u>	COUNTY <u>Logan</u>	STATE <u>Kan</u>			

OLD OR NEW (Circle one)

CONTRACTOR Pog Well Service
 TYPE OF JOB Port Callar
 HOLE SIZE _____ T.D. _____
 CASING SIZE 4 1/2 DEPTH _____
 TUBING SIZE 2 1/2 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____

OWNER SAW
CEMENT

AMOUNT ORDERED 550 SKS 69/40 pm
8% Gel, 1/4# Flo-Seal
(Used approx 400 SKS)

COMMON	<u>240 SKS</u>	@	<u>7.20</u>	<u>1,728.00</u>
POZMIX	<u>160 SKS</u>	@	<u>3.15</u>	<u>504.00</u>
GEL	<u>28 SKS</u>	@	<u>9.50</u>	<u>266.00</u>
CHLORIDE		@		
<u>Flo-Seal 100#</u>		@	<u>1.15</u>	<u>115.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt
 # 102 HELPER _____
 BULK TRUCK _____
 # 212 DRIVER May
 BULK TRUCK _____
 # 291 DRIVER Louise

HANDLING 550 SKS @ 1.05 577.50
 MILEAGE 49 pm sk/mile 264.00

TOTAL 3,454.50

REMARKS:

SERVICE

Test casing @ 1500 psi,
 opened Tool, tack rate; 3 BPM @ 400#
 mixed cement till it circ. to surface.
 Displaced 96 BBL, shut Tool, test
 to 1500 psi, held. ran 3 hrs, circ
 casing clear
 (Cement did circ) Thank to
 Witnessed by: Walt Dell - Allied Cement

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 550.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 12 miles @ 2.85 34.20
 PLUG _____ @ _____

TOTAL 584.20

CHARGE TO: Pelican Hill Oil + Gas
 STREET 1401 N El Camino Real, Suite 203
 CITY San Clemente STATE CA ZIP 92672

FLOAT EQUIPMENT

TOTAL _____