

15-109-20632

13-11S-34W

WELL NAME: Wassemiller #3-13
COMPANY: Pelican Hill Oil & Gas
LOCATION: 13-11S-34W
Logan County Kansas
DATE: 09/28/96

TRILOBITE TESTING L.L.C.

OPERATOR : Pelican Hill Oil & Gas
WELL NAME: WasseMiller #3-13
LOCATION : 13-11S-34W, Logan Cty KS
INTERVAL : 4299.00 To 4350.00 ft

DATE 09/28/96
KB 3162.00 ft TICKET NO: 9293 DST #1
GR 3157.00 ft FORMATION: LKC "K"
TD 4350.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	13276			PF Fr. 0727 to 0757 hr
SI 45 Range(Psi)	4000.0	4000.0	4000.0	0.0	0.0	IS Fr. 0757 to 0842 hr
SF 60 Clock(hrs)	12		12			SF Fr. 0842 to 0942 hr
FS 75 Depth(ft)	4340.0	4340.0	4345.0	0.0	0.0	FS Fr. 0942 to 1057 hr

	Field	1	2	3	4	
A. Init Hydro	2153.0	2205.0	0.0	0.0	0.0	T STARTED 0530 hr
B. First Flow	41.0	71.0	0.0	0.0	0.0	T ON BOTM 0725 hr
B1. Final Flow	41.0	71.0	0.0	0.0	0.0	T OPEN 0727 hr
C. In Shut-in	291.0	329.0	0.0	0.0	0.0	T PULLED 1057 hr
D. Init Flow	62.0	117.0	0.0	0.0	0.0	T OUT 1300 hr
E. Final Flow	93.0	136.0	0.0	0.0	0.0	
F. Fl Shut-in	291.0	329.0	0.0	0.0	0.0	
G. Final Hydro	2133.0	2186.0	0.0	0.0	0.0	
Inside/Outside	I	I	O			

RECOVERY

Tot Fluid 305.00 ft of 0.00 ft in DC and 0.00 ft in DP
540.00 ft of Gas in pipe
190.00 ft of Free oil - 100% oil
115.00 ft of Gassy oil cut mud - 20% gas, 20% oil, 60% mud

TOOL DATA-----
Tool Wt. 0.00 lb
Wt Set On Packer 30000.00 lb
Wt Pulled Loose 50000.00 lb
Initial Str Wt 45000.00 lb
Unseated Str Wt 46000.00 lb
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 0.00 ft
D.P. Length 3706.00 ft
H.W. I.D 2.70 in
H.W. Length 602.00 ft

SALINITY 0.00 P.P.M. A.P.I. Gravity 37.80

BLOW DESCRIPTION

Initial Flow -
Fair blow off bottom in 30 min

Initial Shutin -
Bled off blow, weak surface blow,
steady throughout

Final Flow -
Fair return, built to 10"

Final Shutin -
Bled off blow, surface return built
to .5"

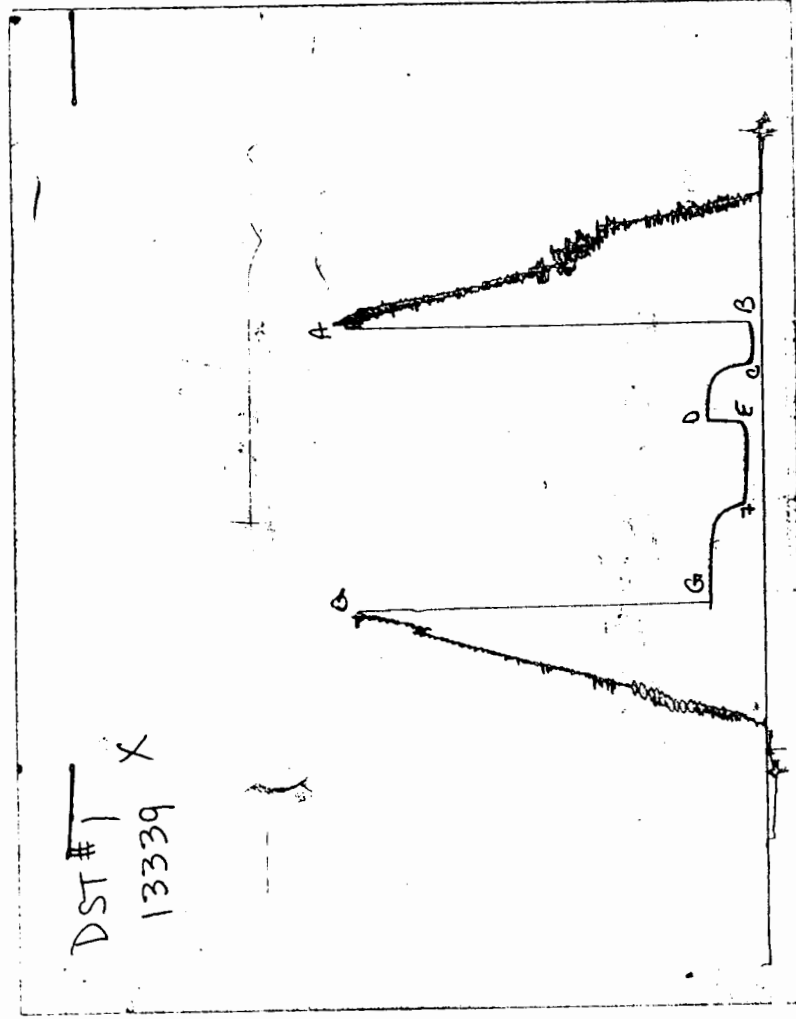
SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 9.20 lb
Vis. 52.00 S/
W.L. 9.60 in
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 125.00 F
Hole Condition
% Porosity 0.00
Packer Size 6.75 in
No. of Packers 2
Cushion Amt. 0.00
Cushion Type
Reversed Out
Tool Chased
Tester Rod Steinbrink
Co. Rep. Randy Kilian
Contr. Abercrombie
Rig # 8
Unit #
Pump T.

Test Successful: Y

CHART PAGE



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

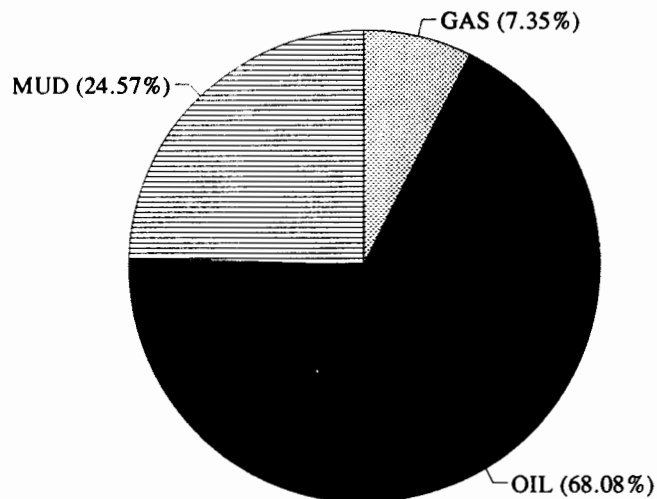
CALCULATED RECOVERY ANALYSIS - WEIGHT PIPE

DST 1

TICKET 9293

SAMPLE	TOTAL	GAS		OIL		WATER		MUD	
#	FEET	%	FEET	%	FEET	%	FEET	%	FEET
1	190		0	100	190		0		0
2	115	20	23	20	23		0	60	69
3			0		0		0		0
4			0		0		0		0
5			0		0		0		0
6			0		0		0		0
TOTAL	305		23		213		0		69

			HRS OPEN		BBL/DAY
BBL OIL=	1.491	*	1.5	=	23.856
BBL WATER=	0	*		=	0
BBL MUD=	0.5382				
BBL GAS =	0.161				



TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Test Ticket

Nº 9293

Well Name & No.	Wassermiller #3-13	Test No.	1	Date	9-28-96
Company	Pelican Hill Oil & Gas, Inc.	Zone Tested	L/KC 'K'		
Address	1401 N. El Camino Real #203 San Clemente, CA	Elevation	92672 3162	KB	3157 GL
Co. Rep / Geo.	Randy Kilian	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)	N	Turnkey (Y, N)	N
		Evaluation (Y, N)			

Interval Tested 4299 - 4350 Initial Str Wt./Lbs. 45,000 Unseated Str Wt./Lbs. 46,000
Anchor Length 51' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 50,000
Top Packer Depth 4294 Hole Size — 7 7/8" Rubber Size — 6 3/4"
Bottom Packer Depth 4299 Wt. Pipe I.D. — 2.7 Ft. Run 4 1/2" XH 602'
Total Depth 4350 Drill Collar — 2.25 Ft. Run
Mud Wt. 9.2 LCM Vis. 52 WL 9.6 Drill Pipe Size 4 1/2" XH Ft. Run 3706'
Blow Description IF: Fair blow off btm in 30 mins.
IST: Bled off blow - weak surface blow steady throughout.
FF: Fair return built to 10"
FSI: Bled off blow - surface return built to 1/2"

Recovery — Total Feet	Ft. in DC	Ft. in WP	Ft. in DP
Rec. <u>540'</u> Feet Of <u>GIP</u>		%gas %oil %water %mud	
Rec. <u>190'</u> Feet Of <u>Free Oil</u>		%gas %oil %water %mud	
Rec. <u>115'</u> Feet Of <u>GOCM</u>		20 %gas 20 %oil — %water 60 %mud	
Rec. Feet Of		%gas %oil %water %mud	
Rec. Feet Of		%gas %oil %water %mud	

BHT 125° °F Gravity 39.6 °API D@ 78° °F Corrected Gravity 37.8 °API
RW @ °F Chlorides ppm Recovery Chlorides 2,200 ppm System

(A) Initial Hydrostatic Mud	<u>2153</u>	PSI	Recorder No.	<u>13339</u>	T-Started	<u>0530</u>
(B) First Initial Flow Pressure	<u>41</u>	PSI	@ (depth)	<u>4340</u>	T-Open	<u>0727</u>
(C) First Final Flow Pressure	<u>41</u>	PSI	Recorder No.	<u>13276</u>	T-Pulled	<u>10057</u>
(D) Initial Shut-in Pressure	<u>291</u>	PSI	@ (depth)	<u>4345</u>	T-Out	<u>1300</u>
(E) Second Initial Flow Pressure	<u>62</u>	PSI	Recorder No.			
(F) Second Final Flow Pressure	<u>93</u>	PSI	@ (depth)			
(G) Final Shut-in Pressure	<u>291</u>	PSI	Initial Opening	<u>30</u>	Test	<u>600</u>
(H) Final Hydrostatic Mud	<u>2133</u>	PSI	Initial Shut-in	<u>45</u>	Jars	

Final Flow 60 Safety Joint
Final Shut-in 75 Straddle

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Approved By Randy Kilian

Our Representative Rod Steinbrink

Circ. Sub X N/C
Sampler
Extra Packer
Elect. Rec.
Other
TOTAL PRICE \$ 600