

IND

WELL NAME:	Wyatt #1-30
COMPANY:	Red Oak Energy, Inc.
LOCATION:	30-23s-24w Hodgeman co Kansas
DATE:	8/4/00

TRILOBITE TESTING L.L.C.

OPERATOR : Red Oak Energy, Inc.

DATE 8-2-00

WELL NAME: Wyatt #1-30

KB 2456.00 ft

TICKET NO: 13370 DST #1

LOCATION : 30-23s-24w Hodgeman co KS

GR 2448.00 ft

FORMATION: Mississippian

INTERVAL : 4704.00 To 4716.00 ft

TD 4716.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 15 Rec.	13339	13339				PF Fr. 1420 to 1435 hr
SI 15 Range(Psi)	4000.0	4000.0	0.0	0.0	0.0	IS Fr. 1435 to 1450 hr
SF 15 Clock(hrs)	12	12				SF Fr. 1450 to 1505 hr
FS 30 Depth(ft)	4711.0	4711.0	0.0	0.0	0.0	FS Fr. 1505 to 1535 hr

	Field	1	2	3	4	
A. Init Hydro	2363.0	2358.0	0.0	0.0	0.0	T STARTED 1245 hr
B. First Flow	41.0	109.0	0.0	0.0	0.0	T ON BOTM 1415 hr
B1. Final Flow	41.0	58.0	0.0	0.0	0.0	T OPEN 1420 hr
C. In Shut-in	1020.0	1014.0	0.0	0.0	0.0	T PULLED 1535 hr
D. Init Flow	62.0	98.0	0.0	0.0	0.0	T OUT 1615 hr
E. Final Flow	62.0	65.0	0.0	0.0	0.0	
F. Fl Shut-in	1230.0	1260.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2273.0	2270.0	0.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0				Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 45000.00 lbs
						Unseated Str Wt 45000.00 lbs

RECOVERY

Tot Fluid	2.00 ft of	2.00 ft in DC and	0.00 ft in DP
2.00	ft of Drilling mud w/ light show of oil in tool		
0.00	ft of		
0.00	ft of		
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 died in 5 minutes.

Final Flow:

No blow- flushed tool/ good surge -no blow.

MUD DATA-----

Mud Type	Chemical
Weight	9.40 lb/c:
Vis.	52.00 S/L
W.L.	9.60 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	127.00 F

Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00

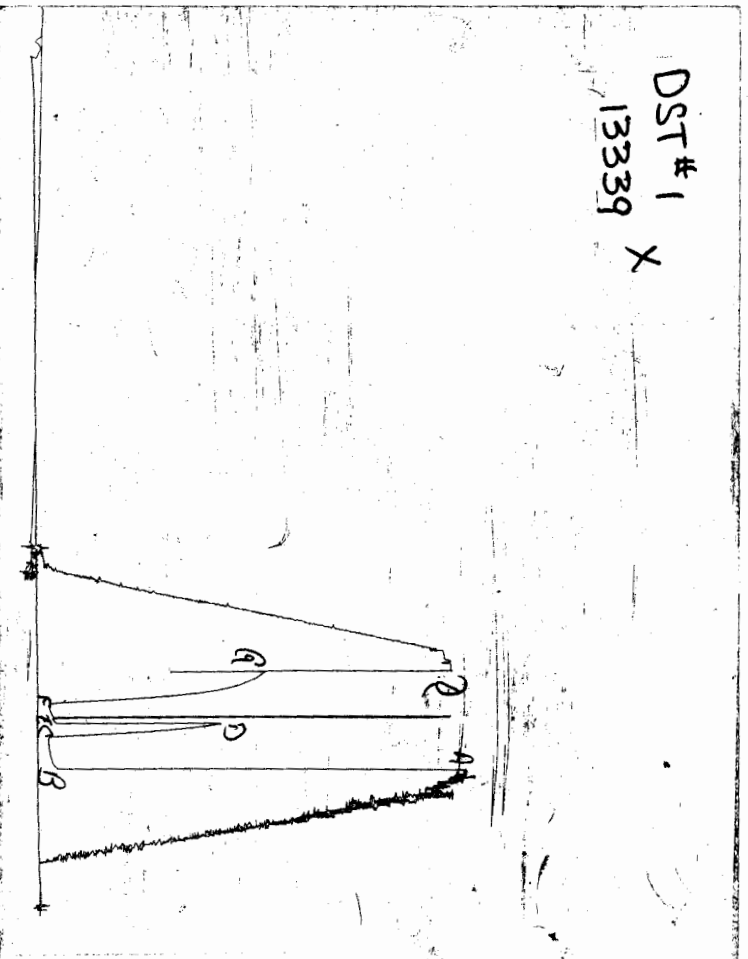
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Rod Steinbrink
Co. Rep.	Kevin Davis
Contr.	Discovery
Rig #	2
Unit #	
Pump T.	

SAMPLES:

SENT TO:

Test Successful: Y

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

Nº 13370

Test Ticket

Well Name & No.	Wyatt #1-30	Test No.	1	Date	8-2-00
Company	Red Oak Energy, Inc.	Zone Tested	Mississippian		
Address	1701 E. Kellogg Ste 710 Wichita, KS 67207	Elevation	2456	KB	2448 GL
Co. Rep / Geo.	Kevin Davis	Cont.	Discovery #2	Est. Ft. of Pay	Por. %
Location: Sec.	30	Twp.	23 ^s	Rge.	24 ^w
		Co.	Hodgeman	State	KS
No. of Copies		Distribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	4704 - 4716	Initial Str Wt./Lbs.	45,000	Unseated Str Wt./Lbs.	45,000
Anchor Length	12'	Wt. Set Lbs.	30,000	Wt. Pulled Loose/Lbs.	60,000
Top Packer Depth	4699	Tool Weight	1,800		
Bottom Packer Depth	4704	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	4716	Wt. Pipe Run	—	Drill Collar Run	30'
Mud Wt. 9.4	LCM	Vis. 52	WL 9.6	Drill Pipe Size	4 1/2" XH
Blow Description	IF: Weak surface blow died in 5 mins.				

FF: No blow - flushed tool / good surge - no blow.

Recovery — Total Feet	2'	GIP	—	Ft. in DC	2'	Ft. in DP	—
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.	2'	Feet Of	Drilg Mud	%gas	%oil	%water	%mud
Rec.		Feet Of	w/ light show of	%gas	%oil	%water	%mud
Rec.		Feet Of	oil in tool	%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
BHT	127°	°F Gravity		°API D@		°F Corrected Gravity	
RW	@	°F Chlorides		ppm Recovery		Chlorides	3,000
						ppm System	

(A) Initial Hydrostatic Mud	2363	AK-1	Alpine	PSI Recorder No.	13309	T-On Location	1030
(B) First Initial Flow Pressure	41			PSI (depth)	4708	T-Started	1245
(C) First Final Flow Pressure	41			PSI Recorder No.	13339	T-Open	1420
(D) Initial Shut-In Pressure	1020			PSI (depth)	4711	T-Pulled	1535
(E) Second Initial Flow Pressure	62			PSI Recorder No.		T-Out	1615
(F) Second Final Flow Pressure	62			PSI (depth)		T-Off Location	1700
(G) Final Shut-in Pressure	1230			PSI Initial Opening	15	Test	
(Q) Final Hydrostatic Mud	2273			PSI Initial Shut-in	15	Jars	X
				Final Flow	15	Safety Joint	X
				Final Shut-in	30	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 Scott [Signature]
Our Representative Rod Steinbrink

Circ. Sub X N/C
Sampler _____
Extra Packer _____
Elec. Rec. _____
Mileage 84
Other _____
TOTAL PRICE \$ _____

TRILOBITE TESTING L.L.C.

OPERATOR : Red Oak Energy, Inc.

DATE 8-3-00

WELL NAME: Wyatt #1-30

KB 2456.00 ft

TICKET NO: 13371 DST #2

LOCATION : 30-23s-24w Hodgeman co KS

GR 2448.00 ft

FORMATION: Mississippian

INTERVAL : 4704.00 To 4724.00 ft

TD 4724.00 ft

TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339				PF Fr. 0245 to 0315 hr
SI 45 Range(Psi)	4000.0	4000.0	0.0	0.0	0.0	IS Fr. 0315 to 0400 hr
SF 45 Clock(hrs)	12	12				SF Fr. 0400 to 0445 hr
FS 60 Depth(ft)	4719.0	4719.0	0.0	0.0	0.0	FS Fr. 0445 to 0545 hr

	Field	1	2	3	4	
A. Init Hydro	2373.0	2367.0	0.0	0.0	0.0	T STARTED 0100 hr
B. First Flow	52.0	95.0	0.0	0.0	0.0	T ON BOTM 0240 hr
B1. Final Flow	52.0	700.0	0.0	0.0	0.0	T OPEN 0245 hr
C. In Shut-in	1160.0	1167.0	0.0	0.0	0.0	T PULLED 0545 hr
D. Init Flow	114.0	126.0	0.0	0.0	0.0	T OUT 0800 hr
E. Final Flow	114.0	128.0	0.0	0.0	0.0	
F. Fl Shut-in	1160.0	1166.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2353.0	2297.0	0.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0				Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 60000.00 lbs
						Initial Str Wt 45000.00 lbs
						Unseated Str Wt 46000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 0.00 ft
						D.P. Length 4694.00 ft

RECOVERY

Tot Fluid 240.00 ft of 0.00 ft in DC and 240.00 ft in DP
 20.00 ft of Free oil
 0.00 ft of 100% oil
 100.00 ft of Muddy water
 0.00 ft of 50% water 50% mud
 120.00 ft of Water
 0.00 ft of 100% water
 0.00 ft of
 0.00 ft of

SALINITY 40000.00 P.P.M. A.P.I. Gravity 36.00

BLOW DESCRIPTION

Initial Flow:
 Weak to fair blow built to 8"
 Initial Shut-In:
 No return blow.

Final Flow:
 Weak surface blow steady throughout.
 Final Shut-In:
 No return blow.

SAMPLES:
 SENT TO:

MUD DATA-----
 Mud Type Chemical
 Weight 9.40 lb/c
 Vis. 52.00 S/L
 W.L. 9.60 in3
 F.C. 0.00 in
 Mud Drop
 Amt. of fill 0.00 ft
 Btm. H. Temp. 135.00 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. Kevin Davis
 Contr. Discovery
 Rig # 2
 Unit #
 Pump T.

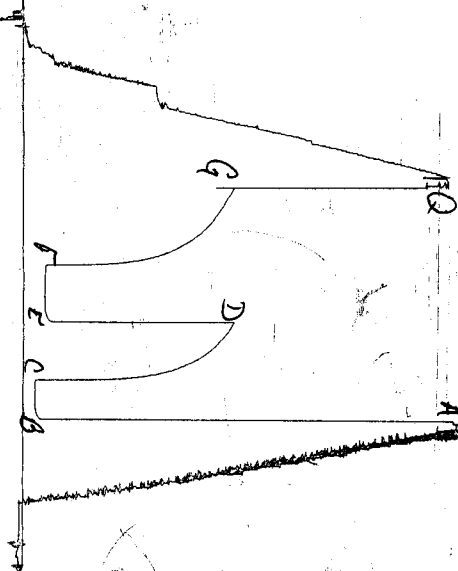
Test Successful: Y

DST #2
13339 X

The diagram shows a structural frame. At the top left, a point is labeled 'Q'. A line extends from 'Q' to the right, then slopes downward to the right, ending at a point labeled 'A'. Below this sloped line, there are three vertical columns. The leftmost column is labeled 'C' at its base. The middle column is labeled 'D' at its top. The rightmost column is labeled 'B' at its base. A horizontal line connects the top of the middle column 'D' to the sloped line. A curved line connects the top of the middle column 'D' to the base of the leftmost column 'C'. The entire structure is supported by a horizontal base line with an arrow pointing to the right at its left end.

13339

X



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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 13371

Test Ticket

Well Name & No.	Wyatt #1-30	Test No.	2	Date	8-3-00
Company	Red Oak Energy, Inc.	Zone Tested	Mississippian		
Address	7701 E Kellogg Ste. 710 Wichita, KS. 67207	Elevation	2456	KB	2448 GL
Co. Rep / Geo.	Kevin Davis	Cont.	Discovery #2	Est. Ft. of Pay	Por. %
Location: Sec.	30	Twp.	23 ^S	Rge.	24 ^W
		Co.	Hodgeman	State	KS.
No. of Copies		Distribution Sheet (Y, N)		Turnkey (Y, N)	
		Evaluation (Y, N)			

Interval Tested	4704 - 4724	Initial Str Wt./Lbs.	45,000	Unseated Str Wt./Lbs.	46,000
Anchor Length	20'	Wt. Set Lbs.	30,000	Wt. Pulled Loose/Lbs.	60,000
Top Packer Depth	4699	Tool Weight	1,800		
Bottom Packer Depth	4704	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	4724	Wt. Pipe Run	—	Drill Collar Run	30'
Mud Wt.	9.4 LCM 1# Vis. 52 WL 9.6	Drill Pipe Size	4 1/2" XH	Ft. Run	4694' (75
Blow Description	IF: Weak to fair blow built to 8"				

ISI: No return blow.

FF: Weak surface blow steady throughout.

FSI: No return blow.

Recovery — Total Feet	240'	GIP	—	Ft. in DC	—	Ft. in DP	240'
Rec.	20'	Feet Of	FO	%gas	%oil	%water	%mud
Rec.	100'	Feet Of	MW	%gas	%oil	50	%water 50 %mud
Rec.	120'	Feet Of	W	%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
Rec.		Feet Of		%gas	%oil	%water	%mud
BHT	135°	°F Gravity	38	°API D@	70°	°F Corrected Gravity	36
RW	1.79 @ 75°	°F Chlorides	40,000	ppm Recovery	Chlorides	3,000	ppm System

AK-1

Alpine

(A) Initial Hydrostatic Mud	2373	PSI Recorder No.	13309	T-On Location	2200
(B) First Initial Flow Pressure	52	PSI (depth)	4716	T-Started	0100
(C) First Final Flow Pressure	52	PSI Recorder No.	13339	T-Open	0245
(D) Initial Shut-In Pressure	1160	PSI (depth)	4719	T-Pulled	0545
(E) Second Initial Flow Pressure	114	PSI Recorder No.		T-Out	0800
(F) Second Final Flow Pressure	114	PSI (depth)		T-Off Location	0900
(G) Final Shut-in Pressure	1160	PSI Initial Opening	30	Test	
(Q) Final Hydrostatic Mud	2353	PSI Initial Shut-in	45	Jars	X

Final Flow	45	Safety Joint	X
Final Shut-in	60	Straddle	

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Approved By X

Our Representative Rod Steinbrink

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

