

TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 15503

Test Ticket

Well Name & No.	Bales #1-24	Test No.	1	Date	7-23-01
Company	Bird Creek Resources	Zone Tested	Chase		
Address	1437 S. Boulder Ste 390 Tulsa, OK 74119-3609	Elevation	2805	KB	2798 GL
Co. Rep / Geo.	Phil Mills/Tom H	Cont.	Cheyenne #11	Est. Ft. of Pay	Por. %
Location: Sec.	24	Twp.	27S	Rge.	31W
			Co.	Haskell	State KS
No. of Copies		Distribution Sheet (Y, N)		Turnkey (Y, N)	
				Evaluation (Y, N)	

Interval Tested	2671 - 2714	Initial Str Wt/Lbs.	65,000	Unseated Str Wt/Lbs.	65,000
Anchor Length	43'	Wt. Set Lbs.	30,000	Wt. Pulled Loose/Lbs.	95,000
Top Packer Depth	2665	Tool Weight	1,800		
Bottom Packer Depth	2671	Hole Size — 7 7/8"		Rubber Size — 6 3/4"	
Total Depth	2714	Wt. Pipe Run		Drill Collar Run	607'
Mud Wt. 8.9 LCM 2# Vis. 44 WL 12.0		Drill Pipe Size	4 1/2" XH	Ft. Run	2047
Blow Description	IF: Surging blow built to 3" decreased to surface				

FF: Fair blow built to 6" decreased to intermittent surface blow thru.

Recovery — Total Feet	185'	GIP	—	Ft. in DC	185'	Ft. in DP	—
Rec.	Feet Of			%gas	%oil	%water	%mud
Rec.	Feet Of			%gas	%oil	%water	%mud
Rec.	185'	Feet Of	Drlg Mud.	%gas	%oil	%water	%mud
Rec.	Feet Of			%gas	%oil	%water	%mud
Rec.	Feet Of			%gas	%oil	%water	%mud
BHT	°F Gravity	°API D@		°F Corrected Gravity		°API	
RW	@	°F Chlorides		ppm Recovery	Chlorides 16,500	ppm System	

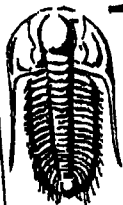
	AK-1	Alpine
(A) Initial Hydrostatic Mud		
(B) First Initial Flow Pressure		
(C) First Final Flow Pressure		
(D) Initial Shut-In Pressure		
(E) Second Initial Flow Pressure		
(F) Second Final Flow Pressure		
(G) Final Shut-In Pressure		
(Q) Final Hydrostatic Mud		

PSI Recorder No.	3305	T-On Location	0800
PSI (depth)	2672	T-Started	1300
PSI Recorder No.	13339	T-Open	1725
PSI (depth)	2709	T-Pulled	2055
PSI Recorder No.		T-Out	0100
PSI (depth)		T-Off Location	0300
PSI Initial Opening	330	Test	500
PSI Initial Shut-in	60	Jars	X 200
Final Flow	60	Safety Joint	X 50
Final Shut-in	60	Straddle	
		Circ. Sub	X NC
		Sampler	
		Extra Packer	
		Elec. Rec.	X 150
		Mileage	71
		Other	
		TOTAL PRICE \$	971

TRILOBITE TESTING INC. 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 P.L. Hill

Our Representative Rod Steinbrink



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bird Creek Resources
1437 S Boulder Ste. #390
Tulsa OK 74119-3609

ATTN: Phil Mills

Bales #1-24

24-27S-31W Haskell

Job Ticket: 15503

DST#: 1

Test Start: 2001.07.23 @ 13:00:00

Tool Information

Drill Pipe:	Length: 2047.00 ft	Diameter: 3.80 inches	Volume: 28.71 bbl
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl
Drill Collar:	Length: 607.00 ft	Diameter: 2.25 inches	Volume: 2.99 bbl
			Total Volume: 31.70 bbl

Tool Weight:	1800.00 lb
Weight set on Packer:	30000.00 lb
Weight to Pull Loose:	95000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	65000.00 lb
Final	65000.00 lb

Drill Pipe Above KB: 10.00 ft
Depth to Top Packer: 2671.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 43.00 ft
Tool Length: 70.00 ft
Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.L. Tool	5.00			2649.00	
HMV	5.00			2654.00	
Jars	5.00			2659.00	
Safety Joint	2.00			2661.00	
Packer	5.00			2666.00	27.00 Bottom Of Top Packer
Packer	5.00			2671.00	
Stubb	1.00			2672.00	
Recorder	0.00	3305	Inside	2672.00	
Perforations	4.00			2676.00	
C.O. Sub	1.00			2677.00	
Anchor	31.00			2708.00	
C.O. Sub	1.00			2709.00	
Recorder	0.00	13339	Outside	2709.00	
Bullnose	5.00			2714.00	43.00 Bottom Packers & Anchor

Total Tool Length: 70.00

TRILOBITE TESTING L.L.C.

OPERATOR : Bird Creek Resources
WELL NAME: Bales #1-24
LOCATION : 24-27s-31w Haskell co KS
INTERVAL : 2671.00 To 2714.00 ft

DATE 7-23-01
KB 2805.00 ft TICKET NO: 15503 DST #1
GR 2798.00 ft FORMATION: Chase
TD 2714.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339					PF Fr. 1725 to 1755 hr
SI 60 Range(Psi)	4000.0	0.0	0.0	0.0	0.0	IS Fr. 1755 to 1855 hr
SF 60 Clock(hrs)	12					SF Fr. 1855 to 1955 hr
FS 60 Depth(ft)	2709.0	0.0	0.0	0.0	0.0	FS Fr. 1955 to 2055 hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 1300 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 1720 hr
B1. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 1725 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 2055 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0100 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	TOOL DATA-----
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside						Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 95000.00 lbs
						Initial Str Wt 65000.00 lbs
						Unseated Str Wt 65000.00 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 607.00 ft
						D.P. Length 2047.00 ft

RECOVERY

Tot Fluid 185.00 ft of 185.00 ft in DC and 0.00 ft in DP
185.00 ft of Drilling 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

SALINITY 16500.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
Surging blow built to 3" decreased to surface

Final Flow:
Fair blow built to 6" decreased to intermittent surface blow throughout

SAMPLES:
SENT TO:

MUD DATA-----
Mud Type Chemical
Weight 8.90 lb/cf
Vis. 44.00 S/L
W.L. 12.00 in3
F.C. 0.00 in
Mud Drop

Amt. of fill 0.00 ft
Btm. H. Temp. 0.00 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. Phil Mills
Contr. Cheyenne
Rig # 11
Unit #
Pump T.

Test Successful: Y