

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

API NO. 15- 147-20,591 0000

County Phillips

SE - SE - SW Sec. 5 Twp. 1S Rge. 18W X

Operator: License # 5352

Name: BAIRD OIL COMPANY, INC.

Address P.O. Box 428

City/State/Zip Logan, KS 67646-0428

Purchaser: _____

Operator Contact Person: Jim R. Baird

Phone (785) 689-7456

Contractor: Name: Discovery Drilling Co., Inc.

License: 31548

Wellsite Geologist: Jim R. Baird

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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 SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

9/25/99 10/1/99 10/1/99
Spud Date Date Reached TD Completion Date

330 Feet from (S)N (circle one) Line of Section

2970 Feet from (E)W (circle one) Line of Section

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

Lease Name Gebhard "A" Well # 1

Field Name Fredricksburg

Producing Formation Lansing/Kansas City

Elevation: Ground 2108 KB 2116

Total Depth 3566 PBTB _____

Amount of Surface Pipe Set and Cemented at 224.18 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1706 Feet

If Alternate II completion, cement circulated from 1706'

feet depth to Surface w/ 425 sx cmt.

Drilling Fluid Management Plan ALT 2 gk 8/4/00
(Data must be collected from the Reserve Pit)

Chloride content 1,800 ppm Fluid volume 480 bbls

Dehydrating method used Evaporation

Location of fluid disposal KOO hauled offsite:

Operator Name OCT 28 1999

License No. _____

Quarter Sec. Twp. S Rng. E/W

County _____ Docket No. _____

CONFIDENTIAL

RECEIVED
OCT 28 1999
KANSAS CORPORATION COMMISSION

RELEASED

OCT 28 2001

FROM CONFIDENTIAL

CONFIDENTIAL

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.

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 Jim R. Baird

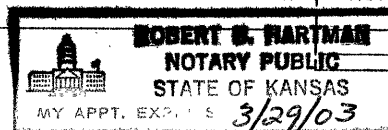
Title Exec - VP Date 11/03/99

Subscribed and sworn to before me this 3rd day of NOVEMBER 19 99.

Notary Public Robert B. Hartman

Date Commission Expires 3/29/03

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)



Operator Name BAIRD OIL COMPANY, INC.

Lease Name Gebhard "A"

Well # 1

Sec. 5 Twp. 1S Rge. 18W
 East
 West

County Phillips

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 Formation (Top), Depth and Datum Sample

Name	Top	Datum
Topeka	3110	-994
Deer Creek	3208	-1092
Oread	3252	-1136
Heebner	3298	-1182
Toronto	3328	-1212
Lansing	3344	-1228
BKC	3562	-1446
TD	3567	-1451

CASING RECORD

New 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
Surface Pipe	12 1/4	8 5/8	24	224.18	60/40Poz	165	2%Gel&3%CC
Production St.	7 7/8	4 1/2	10.5	3366	50/50Poz	40	2%Gel/12%Gi
					Common	200	18%Salt/1%C

ADDITIONAL CEMENTING/SQUEEZE RECORD DV@1706' W/425sks 60/40Poz 6%G

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

Shots Per Foot	Footage	Material Used	Depth
2	3493-3500	1200 gal. 28%, 2000 gal.	15%
1	3419	600 gal. 28%	
2	3376-3381	1200 gal 28%, 2000 gal	15%

TUBING RECORD

Size 2 3/8

Set At 3523

Packer At

Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 11/5/99

Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20	none	140		32°

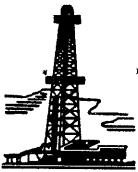
Disposition of Gas: none

METHOD OF COMPLETION

Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify)

3376-3500 OA



Discovery Drilling

P.O. Box 763 • Hays, KS 67601 • OFFICE (785) 623-2920 • CELLULAR (785) 635-1511

CONFIDENTIAL

ORIGINAL

KCC

OCT 28 1999

DRILLER'S LOG

CONFIDENTIAL

Operator: **Baird Oil Co., Inc.**
P.O. Box 428
Logan, KS 67646-0428

Contractor: **Discovery Drilling, Inc.**
P.O. Box 763
Hays, KS 67601

Lease: Gebhard "A" #1

Location: SE/SE/SW
Sec. 5/15/18W
Phillips Co., KS

Loggers Total Depth: 3567'
Rotary Total Depth: 3566'
Commenced: 9/25/99
Casing: 8 5/8" 224.18 w/165 sks
4 1/2" @ 3566' w/240 sks
DV @ 1706' w/425 sks

Elevation: 2108' Gr./2116' KB
Completed: 10/1/99
Status: Oil Well

DEPTHS & FORMATIONS (All from KB)

Surface Sand & Shales	0'	Shales	1759'
Dakota Sand	911'	Shales & Lime	2372'
Shales	989'	Shales	2559'
Cedar Hill Sand	1322'	Shales & Lime	2778'
Red Bed Shale	1568'	Lime & Shales	3212'
Anhydrite	1746'	RTD	3566'
Base Anhydrite	1759'		

RELEASED

OCT 28 2001

FROM CONFIDENTIAL

STATE OF KANSAS)
) ss
COUNTY OF ELLIS)

Thomas H. Alm of Discovery Drilling states that to the best of his knowledge the above and foregoing is a true and correct log of the above captioned well.

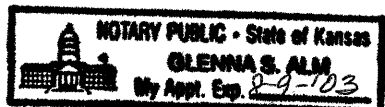
Thomas H. Alm

Subscribed and sworn to before me on 10-2-99

My Commission expires: 8-9-2003

(Place stamp or seal below)

Notary Public
STATE CORPORATION COMMISSION



NOV - 4 1999

CONSERVATION DIVISION
Wichita, Kansas

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

1778

ORIGINAL

Federal Tax I.D.#

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

R

DATE <i>10-1-99</i>	SEC <i>5</i>	TWP. <i>15</i>	RANGE <i>18W</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>9:30 pm</i>
LEASE <i>Sebbard</i>	WELL # <i>1</i>	LOCATION <i>Phillipsburg 16N 3W E5</i>			COUNTY <i>Phillips</i>	STATE <i>Ks</i>	
OLD OR NEW (Circle one)							

CONTRACTOR <i>Discovery Drilling</i>	OWNER <i>SAME</i>																																																												
TYPE OF JOB <i>prod string stage</i>																																																													
HOLE SIZE <i>7 7/8</i>	T.D. <i>3566</i>																																																												
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EQUIPMENT																																																													
<i>345</i>	<i>Dave</i>																																																												
PUMP TRUCK # <i>345</i>	CEMENTER <i>Bill</i>																																																												
	HELPER																																																												
BULK TRUCK # <i>254</i>	DRIVER <i>Jason</i>																																																												
BULK TRUCK # <i>Oakley</i>	DRIVER <i>Wayne</i>																																																												
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OCT 28 1999																																																													
FROM CONFIDENTIAL SERVICE																																																													
OCT 28 2001																																																													
3767 20																																																													

REMARKS:

Centon 1-2-3-4-7-8-43
DU & Basket on 44
Float held

CONFIDENTIAL

DEPTH OF JOB	
PUMP TRUCK CHARGE	<i>1080 00</i>
EXTRA FOOTAGE	@
MILEAGE	@
PLUG	@
	@
	@
TOTAL	<i>1680 00</i>

CHARGE TO: *Baird Oil Co Inc*
STREET: *P.O. Box 428*
CITY: *Logan* STATE: *Ks* ZIP: *67646-0428*

FLOAT EQUIPMENT <i>4L</i>	
<i>1 Guide Shoe</i>	<i>87 00</i>
<i>1 AFU Insert</i>	@ <i>146 00</i>
<i>1 Basket</i>	@ <i>130 00</i>
<i>7 Centralizers</i>	@ <i>22 00</i> <i>154 00</i>
<i>1 DU Tool</i>	@ <i>2300 00</i>
<i>18 Recr. Scratchers</i>	@ <i>25 00</i> <i>450 00</i>
TOTAL	<i>3267 00</i>

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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE *J. Baird*

PRINTED NAME

RECEIVED
STATE REGISTRATION COMMISSION

NOV - 4 1999

CONSERVATION DIVISION
Wichita, Kansas

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

1991

Federal Tax I.D.# [REDACTED]

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

ORIGINAL
Russell

DATE <u>9/25/99</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>2:40 A.M.</u>	JOB START	JOB FINISH <u>5:25 A.M.</u>
LEASE <u>Chenard</u>	WELL # <u>A-1</u>	LOCATION <u>Phillipsburg 16w. to Jct.</u>			COUNTY <u>Phillips</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1w 15. E Jct</u>			

CONTRACTOR Discovery Drig. Rig 1
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4" T.D. 225'
 CASING SIZE 8 5/8" DEPTH 224'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 13 1/2 13b1

OWNER _____

CEMENT AMOUNT ORDERED 165 60/40 3% CC 2% Gel

EQUIPMENT

PUMP TRUCK CEMENTER Paul
 # 153 HELPER Bill
 BULK TRUCK DRIVER Jason
 # 213
 BULK TRUCK DRIVER _____
 # _____

COMMON	<u>99</u>	@	<u>6.55</u>	<u>628.65</u>
POZMIX	<u>66</u>	@	<u>3.25</u>	<u>214.50</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	_____	@	<u>1.05</u>	<u>173.25</u>
MILEAGE	<u>44/SK</u>	/mile	_____	<u>495.00</u>
RELEASED				TOTAL <u>1703.90</u>

KCC

OCT 28 1999

OCT 28 2001

REMARKS:

CONFIDENTIAL FROM CONFIDENTIAL SERVICE

Cement Circulated!

Thank You!

DEPTH OF JOB	_____
PUMP TRUCK CHARGE	<u>470.00</u>
EXTRA FOOTAGE	@ _____
MILEAGE	@ _____
PLUG <u>8 5/8" Wooden</u>	@ <u>45.00</u>
_____	@ _____
_____	@ _____
TOTAL	<u>515.00</u>

CHARGE TO: Baird Oil Co.
 STREET _____
 CITY _____ STATE _____ ZIP _____

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 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.

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

SIGNATURE

Thomas Alm

Thomas Alm

PRINTED NAME

RECEIVED
STATE REGISTRATION COMMISSION

NOV - 4 1999

CONCRETE DIVISION
Wichita, Kansas

CONFIDENTIAL

ALLIED CEMENTING CO., INC.

1779

Federal Tax I.D. # 45-6721-0000

ORIGINAL *R*

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

DATE <i>10-1-99</i>	SEC. <i>5</i>	TWP. <i>15</i>	RANGE <i>18^w</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>10:30 pm</i>
LEASE <i>Sehhard</i>		WELL # <i>A-1</i>	LOCATION <i>Phillipsburg 16 N 30</i>			COUNTY <i>Phillips</i>	STATE <i>Ks</i>
OLD OR NEW (Circle one)				<i>45 45 E</i>			

CONTRACTOR *Discovery Duly*

TYPE OF JOB *Prod String Top Stage*

HOLE SIZE *7 7/8* T.D. *3566*

CASING SIZE *4 1/2* DEPTH *3565*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL *Weatherford* DEPTH *1706*

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT *12'*

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *27 1/2 BBT*

OWNER

CEMENT

AMOUNT ORDERED *425⁰⁰ @ 86⁰⁰ gal*

1/4 lb flowced per sk

COMMON	<i>255</i>	@	<i>6.35</i>	<i>1619.25</i>
POZMIX	<i>170</i>	@	<i>3.25</i>	<i>552.50</i>
GEL	<i>29</i>	@	<i>9.50</i>	<i>275.50</i>
CHLORIDE		@		
<i>Floerol</i>	<i>106#</i>	@	<i>1.15</i>	<i>121.90</i>
		@		
		@		
		@		
		@		
HANDLING		@	<i>1.05</i>	<i>446.25</i>
MILEAGE	<i>48 / sk / mile</i>			<i>1360.00</i>
KCC				TOTAL <i>4253.50</i>
OCT 28 1999				<i>4375.40</i>

EQUIPMENT

345

PUMP TRUCK CEMENTER *Dave*

HELPER *Bell*

BULK TRUCK

254 DRIVER *Jason*

BULK TRUCK

oakley DRIVER *Wayne*

REMARKS:

plug Rathsk at 12 sk

measure hole 105k

Cement Co

witness of Dave Frank Cementor

10m sk Drilling Superintendent

Jim Baird *prod man*

CHARGE TO: *Barrel Oil Co Inc*

STREET

CITY STATE ZIP

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 *Jim Baird*

CONFIDENTIAL SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *580.00*

EXTRA FOOTAGE @

MILEAGE @

PLUG **RELEASED** @

@

OCT 28 2001 @

FROM CONFIDENTIAL TOTAL *580.00*

FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME

RECEIVED
STATE INDUSTRIAL COMMISSION
NOV - 4 1999
CONCRETE DIVISION
Wichita, Kansas

RELEASED

OCT 28 2001

FROM CONFIDENTIAL

KCC

OCT 28 1999

CONFIDENTIAL

Well Name: Gebhard A #1

Company: Barid Oil Company, Inc.

Location: 5-1s-18w

Phillips county Kansas

Date: 10-4-99

ORIGINAL

RELEASED

RECEIVED

REGULATION COMMISSION

OCT 28 2001

NOV - 4 1999

CONSERVATION DIVISION

FROM CONFIDENTIAL

CONFIDENTIAL

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Baird Oil Company, Inc.

DATE 9-28-99

WELL NAME: Gebhard A #1

KB 2116.00 ft TICKET NO: 12051 DST #1

LOCATION : 5-1s-18w Phillips co KS

GR 2108.00 ft FORMATION: Lansing

INTERVAL : 3338.00 To 3355.00 ft

TD 3355.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11085	11085	13547			PF Fr: 0036 to 0106 hr
SI 30 Range (Psi)	4300.0	4300.0	4200.0	0.0	0.0	IS Fr. 0106 to 0136 hr
SF 30 Clock (hrs)	12	12	12			SF Fr. 0136 to 0206 hr
FS 30 Depth (ft)	3346.0	3346.0	3550.0	0.0	0.0	FS Fr. 0206 to 0236 hr

	Field	1	2	3	4	
A. Init Hydro	1614.0	1633.0	0.0	0.0	0.0	T STARTED 2315 hr
B. First Flow	77.0	70.0	0.0	0.0	0.0	T ON BOTM 0030 hr
B1. Final Flow	77.0	70.0	0.0	0.0	0.0	T OPEN 0036 hr
C. In Shut-in	88.0	84.0	0.0	0.0	0.0	T PULLED 0236 hr
D. Init Flow	77.0	70.0	0.0	0.0	0.0	T OUT 0350 hr
E. Final Flow	77.0	70.0	0.0	0.0	0.0	
F. Fl Shut-in	88.0	84.0	0.0	0.0	0.0	
G. Final Hydro	1603.0	1587.0	0.0	0.0	0.0	TOOL DATA-----
Inside/Outside	0	0	I			Tool Wt. 2200.00 lbs
						Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 42000.00 lbs
						Initial Str Wt 37000.00 lbs
						Unseated Str Wt 37000.00 lbs
						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 30.00 ft
						D.P. Length 3286.00 ft

RECOVERY

Tot Fluid 3.00 ft of 3.00 ft in DC and 0.00 ft in DP
 3.00 ft of Slight oil cut mud 1% oil 99% 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
 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 15 mins.
 Final Flow:
 No blow

KCC
OCT 28 1999
CONFIDENTIAL

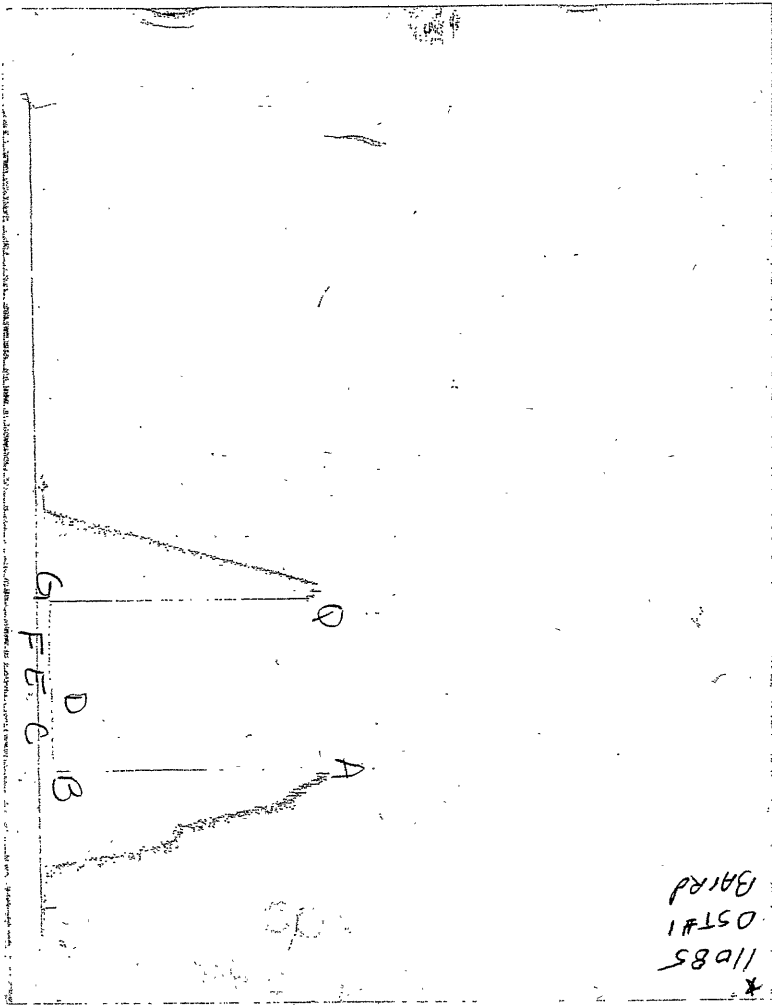
MUD DATA-----

Mud Type Chemical
 Weight 9.40 lb/cf
 Vis. 48.00 S/L
 W.L. 8.80 in3
 F.C. 0.00 in
 Mud Drop
 Amt. of fill 0.00 ft
 Btm. H. Temp. 102.00 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 Ray Schwager
 Co. Rep. Jim Baird
 Contr. Discovery
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

SAMPLES:
SENT TO:

CHART PAGE



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

44-38860-100

1185
OST#1
BARRD

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N^o 12051

Test Ticket

Well Name & No. <u>Gebhard "A" #1</u>		Test No. <u>1</u>	Date <u>9-28-99</u>
Company <u>Baird Oil Company, Inc</u>		Zone Tested <u>LANING</u>	
Address <u>P.O. Box 428 Logan, Ks 67646-0428</u>		Elevation <u>2116</u> KB <u>2108</u> GL	
Co. Rep / Geo. <u>Jim Baird</u>		Cont. <u>Discovery rig 1</u>	Est. Ft. of Pay <u>—</u> Por. <u>—</u> %
Location: Sec. <u>5</u>	Twp. <u>15</u>	Rge. <u>18^W</u>	Co. <u>Phillips</u> State <u>Ks</u>
No. of Copies <u>leg</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u>	Evaluation (Y, N) <u>N</u>

Interval Tested <u>3338-3355</u>	Initial Str Wt./Lbs. <u>37000</u>	Unseated Str Wt./Lbs. <u>37000</u>
Anchor Length <u>17</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>42000</u>
Top Packer Depth <u>3333</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3338</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>3355</u>	Wt. Pipe Run <u>—</u>	Drill Collar Run <u>30</u>
Mud Wt. <u>9.4</u> LCM <u>1/4</u> Vis. <u>48</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3286</u>
Blow Description <u>IFP - WEAK SURFACE BLOW, died in 15 min</u> <u>FFP - NO BLOW</u>		

Recovery — Total Feet <u>3</u>	GIP <u>—</u>	Ft. in DC <u>3</u>	Ft. in DP <u>—</u>
Rec. <u>3</u> Feet Of <u>50 CM</u>	%gas <u>1</u>	%oil <u>—</u>	%water <u>99</u> %mud <u>—</u>
Rec. <u>—</u> Feet Of <u>—</u>	%gas <u>—</u>	%oil <u>—</u>	%water <u>—</u> %mud <u>—</u>
Rec. <u>—</u> Feet Of <u>—</u>	%gas <u>—</u>	%oil <u>—</u>	%water <u>—</u> %mud <u>—</u>
Rec. <u>—</u> Feet Of <u>—</u>	%gas <u>—</u>	%oil <u>—</u>	%water <u>—</u> %mud <u>—</u>
BHT <u>102</u> °F Gravity <u>—</u>	°API D@ <u>—</u>	°F Corrected Gravity <u>—</u> °API <u>—</u>	
RW <u>—</u> @ <u>—</u> °F	Chlorides <u>—</u> ppm	Recovery Chlorides <u>1500</u>	ppm System <u>—</u>

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>116.14</u>		PSI Recorder No. <u>11085</u>	T-On Location <u>2115</u>
(B) First Initial Flow Pressure	<u>77</u>		PSI (depth) <u>3346</u>	T-Started <u>2315</u>
(C) First Final Flow Pressure	<u>77</u>		PSI Recorder No. <u>13547</u>	T-Open <u>0036</u>
(D) Initial Shut-In Pressure	<u>88</u>		PSI (depth) <u>3350</u>	T-Pulled <u>0236</u>
(E) Second Initial Flow Pressure	<u>77</u>		PSI Recorder No. <u>—</u>	T-Out <u>0350</u>
(F) Second Final Flow Pressure	<u>77</u>		PSI (depth) <u>—</u>	T-Off Location <u>0425</u>
(G) Final Shut-in Pressure	<u>88</u>		PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>1603</u>		PSI Initial Shut-in <u>30</u>	Jars <u>—</u>
			Final Flow <u>30</u>	Safety Joint <u>—</u>
			Final Shut-in <u>30</u>	Straddle <u>—</u>

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 Jim R Baird

Our Representative RAY SCHWAGER THANK YOU

Circ. Sub —

Sampler —

Extra Packer —

Elec. Rec. —

Mileage —

Other —

TOTAL PRICE \$ ✓

TRILOBITE TESTING L.L.C.

OPERATOR : Barid Oil Company, Inc.

DATE 9-29-99

WELL NAME: Gebhard A #1

KB 2116.00 ft

TICKET NO: 12052

DST #2

LOCATION : 5-1s-18w Phillips co KS

GR 2108.00 ft

FORMATION: Lansing

INTERVAL : 3360.00 To 3408.00 ft

TD 3408.00 ft

TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11085	11085	13547			PF Fr. 1445 to 1515 hr
SI 30 Range (Psi)	4300.0	4300.0	4200.0	0.0	0.0	IS Fr. 1515 to 1545 hr
SF 30 Clock (hrs)	12	12	12			SF Fr. 1545 to 1615 hr
FS 30 Depth (ft)	3366.0	3366.0	3369.0	0.0	0.0	FS Fr. 1615 to 1645 hr

	Field	1	2	3	4	
A. Init Hydro	1668.0	1663.0	0.0	0.0	0.0	T STARTED 1355 hr
B. First Flow	88.0	85.0	0.0	0.0	0.0	T ON BOTM 1440 hr
B1. Final Flow	88.0	85.0	0.0	0.0	0.0	T OPEN 1445 hr
C. In Shut-in	637.0	637.0	0.0	0.0	0.0	T PULLED 1645 hr
D. Init Flow	99.0	96.0	0.0	0.0	0.0	T OUT 1800 hr
E. Final Flow	99.0	96.0	0.0	0.0	0.0	
F. Fl Shut-in	626.0	608.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1668.0	1663.0	0.0	0.0	0.0	Tool Wt. 2200.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 20000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt. 40000.00 lbs
						Unseated Str Wt 40000.00 lbs
						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 30.00 ft
						D.P. Length 3310.00 ft

RECOVERY

Tot Fluid	40.00 ft of	30.00 ft in DC and	10.00 ft in DP			
40.00	ft of Oil cut mud	45% oil	96% 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					
0.00	ft of					

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

BLOW DESCRIPTION

Initial Flow:
Weak blow throughout 1/4" to 1/2" blow
Final Flow:
Weak blow throughout 1/4" blow

MUD DATA-----

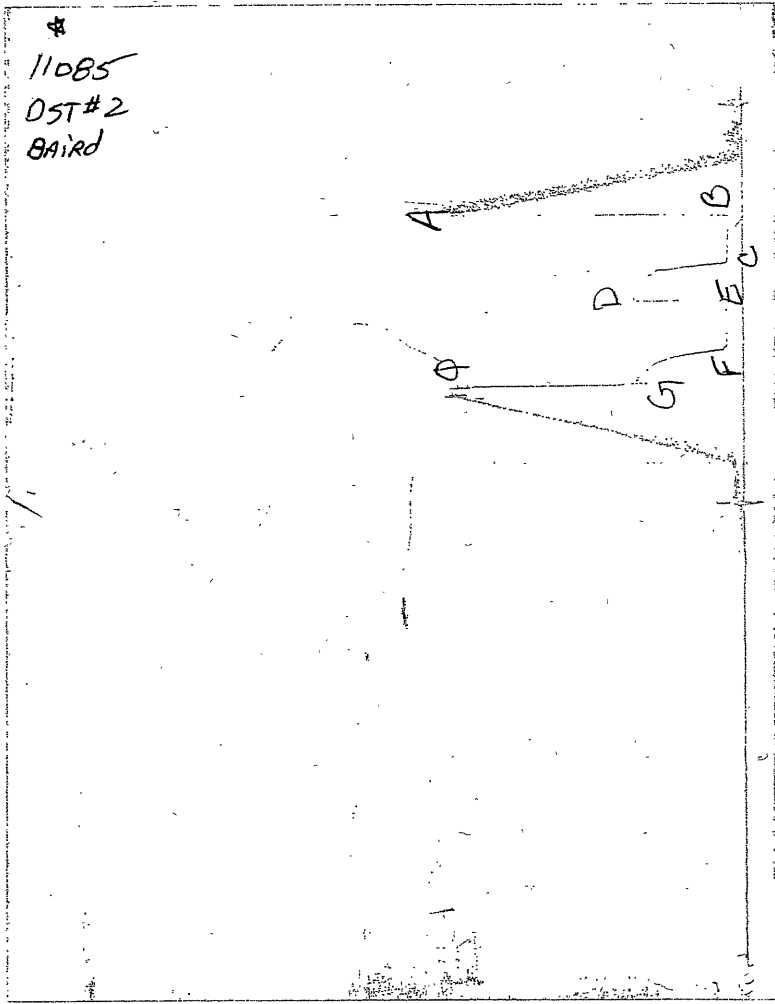
Mud Type	Chemical
Weight	9.20 lb/cf
Vis.	45.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	103.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Ray Schwager
Co. Rep.	Jim Baird
Contr.	Discovery
Rig #	1
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

N^o 12052

Test Ticket

Well Name & No. <u>Gebhard "A" #1</u>	Test No. <u>2</u>	Date <u>9-29-99</u>
Company <u>Baird Oil Company, Inc</u>	Zone Tested <u>LANSING</u>	
Address <u>P.O. Box 428 Logan, Mo 67646-0428</u>		Elevation <u>2116</u> KB <u>2108</u> GL
Co. Rep / Geo. <u>Jim Baird</u>	Cont. <u>Discovery rig 1</u>	Est. Ft. of Pay <u>-</u> Por. <u>-</u> %
Location: Sec. <u>5</u>	Twp. <u>15</u>	Rge. <u>18^W</u> Co. <u>Phillips</u> State <u>Mo</u>
No. of Copies <u>Reg</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u> Evaluation (Y, N) <u>N</u>

Interval Tested <u>3360-3408</u>	Initial Str Wt./Lbs. <u>40000</u>	Unseated Str Wt./Lbs. <u>40000</u>
Anchor Length <u>48</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>50000</u>
Top Packer Depth <u>3355</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3360</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>3408</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>30</u>
Mud Wt. <u>9.2</u> LCM <u>Te</u> Vis. <u>45</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3310</u>
Blow Description <u>IFP - WEAK Blow throughout 1/4" to 1/2" Blow</u> <u>FFP - WEAK Blow throughout 1/4" Blow</u>		

Recovery — Total Feet <u>40</u>	GIP <u>-</u>	Ft. in DC <u>30</u>	Ft. in DP <u>10</u>
Rec. <u>40</u> Feet Of <u>OCM</u>	%gas <u>4</u>	%oil <u>-</u>	%water <u>96</u> %mud <u>-</u>
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT <u>103</u> °F Gravity <u>-</u>	°API D@ <u>-</u>	°F Corrected Gravity <u>-</u>	°API <u>-</u>
RW <u>-</u> @ <u>-</u> °F	Chlorides <u>-</u> ppm	Recovery Chlorides <u>1500</u> ppm	System <u>-</u>

	AK-1 Alpine	
(A) Initial Hydrostatic Mud <u>1668</u>	PSI Recorder No. <u>11085</u>	T-On Location <u>1300</u>
(B) First Initial Flow Pressure <u>88</u>	PSI (depth) <u>3366</u>	T-Started <u>1355</u>
(C) First Final Flow Pressure <u>88</u>	PSI Recorder No. <u>13547</u>	T-Open <u>1445</u>
(D) Initial Shut-In Pressure <u>637</u>	PSI (depth) <u>3369</u>	T-Pulled <u>1645</u>
(E) Second Initial Flow Pressure <u>99</u>	PSI Recorder No. <u>-</u>	T-Out <u>1800</u>
(F) Second Final Flow Pressure <u>99</u>	PSI (depth) <u>-</u>	T-Off Location _____
(G) Final Shut-in Pressure <u>626</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud <u>1668</u>	PSI Initial Shut-in <u>30</u>	Jars _____
	Final Flow <u>30</u>	Safety Joint _____
	Final Shut-in <u>30</u>	Straddle _____
		Circ. Sub _____
		Sampler _____
		Extra Packer _____
		Elec. Rec. _____
		Mileage _____
		Other _____
		TOTAL PRICE \$ <input checked="" type="checkbox"/>

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 Jim Baird

Our Representative RAY Schwager THANK you

TRILOBITE TESTING L.L.C.

OPERATOR : Baird Oil Company, Inc.
 WELL NAME: Gebhard A #1
 LOCATION : 5-1s-18w Phillips co KS
 INTERVAL : 3406.00 To 3430.00 ft

DATE 9-30-99

KB 2116.00 ft TICKET NO: 12053 DST #3
 GR 2108.00 ft FORMATION: Lansing
 TD 3430.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 45 Rec.	11085	11085	13547			PF Fr. 0246 to 0331 hr
SI 45 Range(Psi)	4300.0	4300.0	4200.0	0.0	0.0	IS Fr. 0331 to 0416 hr
SF 45 Clock(hrs)	12	12	12			SF Fr. 0416 to 0501 hr
FS 45 Depth(ft)	3424.0	3424.0	3427.0	0.0	0.0	FS Fr. 0501 to 0546 hr

	Field	1	2	3	4	
A. Init Hydro	1701.0	1717.0	0.0	0.0	0.0	T STARTED 0130 hr
B. First Flow	77.0	94.0	0.0	0.0	0.0	T ON BOTM 0240 hr
B1. Final Flow	77.0	92.0	0.0	0.0	0.0	T OPEN 0246 hr
C. In Shut-in	582.0	558.0	0.0	0.0	0.0	T PULLED 0546 hr
D. Init Flow	99.0	105.0	0.0	0.0	0.0	T OUT 0720 hr
E. Final Flow	110.0	115.0	0.0	0.0	0.0	
F. Fl Shut-in	550.0	555.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1701.0	1717.0	0.0	0.0	0.0	Tool Wt. 2200.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 2000.00 lbs
						Wt Pulled Loose 50000.00 lbs
						Initial Str Wt 40000.00 lbs
						Unseated Str Wt 40000.00 lbs
						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 30.00 ft
						D.P. Length 3356.00 ft

RECOVERY

Tot Fluid 60.00 ft of 30.00 ft in DC and 30.00 ft in DP
 60.00 ft of Slight oil cut watery mud with show of clean
 0.00 ft of oil on top of fluid
 0.00 ft of 1% oil 39% water 60% mud
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of
 0.00 ft of

SALINITY 17000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA-----

Mud Type Chemical
 Weight 9.40 lb/cf
 Vis. 46.00 S/L
 W.L. 8.00 in3
 F.C. 0.00 in
 Mud Drop

Amt. of fill 0.00 ft
 Btm. H. Temp. 106.00 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 Ray Schwager
 Co. Rep. Jim Barid
 Contr. Discovery
 Rig # 1
 Unit #
 Pump T.

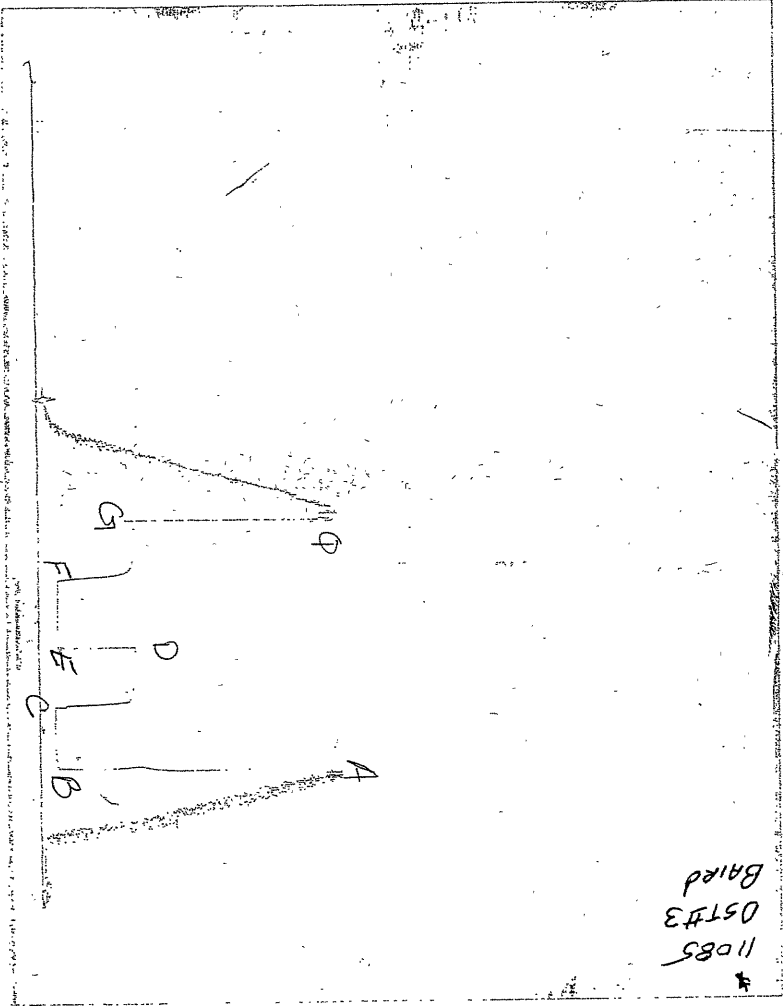
BLOW DESCRIPTION

Initial Flow:
 Weak blow throughout 1/2" to 2" blow
 Final Flow:
 Weak blow throughout 1/2" to 1 1/2" blow

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

N^o 12053

Test Ticket

Well Name & No. <u>Gebhard 'A' #1</u>		Test No. <u>3</u>	Date <u>9-30-99</u>
Company <u>Baird Oil Company, Inc.</u>		Zone Tested <u>LANSING</u>	
Address <u>P.O. Box 428 Logan, Mo. 67646-0428</u>		Elevation <u>2116</u>	KB <u>2108</u> GL
Co. Rep/Geo. <u>Jim Baird</u>	Cont. <u>Discovery rig</u>	Est. Ft. of Pay <u>-</u>	Por. <u>-</u> %
Location: Sec. <u>5</u>	Twp. <u>1^s</u>	Rge. <u>18^w</u>	Co. <u>Phillips</u> State <u>Ks</u>
No. of Copies <u>Reg</u>	Distribution Sheet (Y, N) <u>N</u>	Turnkey (Y, N) <u>N</u>	Evaluation (Y, N) <u>N</u>

Interval Tested <u>3406-3430</u>	Initial Str Wt./Lbs. <u>40000</u>	Unseated Str Wt./Lbs. <u>40000</u>
Anchor Length <u>24</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>50000</u>
Top Packer Depth <u>3401</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3406</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>3430</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>30</u>
Mud Wt. <u>9.4</u> LCM <u>TR</u> Vis. <u>46</u> WL <u>8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3356</u>
Blow Description <u>IFP - WEAK BLOW THROUGHOUT 1/2" TO 2" BLOW</u>		
<u>FFP - WEAK BLOW THROUGHOUT 1/2 TO 1 1/2" BLOW</u>		

Recovery — Total Feet <u>60</u>	GIP <u>-</u>	Ft. in DC <u>30</u>	Ft. in DP <u>30</u>
Rec. <u>60</u> Feet Of <u>SOCWM</u>	%gas <u>1</u>	%oil <u>39</u>	%water <u>60</u>
Rec. <u>-</u> Feet Of <u>w/show of clean oil</u>	%gas <u>-</u>	%oil <u>-</u>	%water <u>-</u>
Rec. <u>-</u> Feet Of <u>on top of fluid</u>	%gas <u>-</u>	%oil <u>-</u>	%water <u>-</u>
Rec. <u>-</u> Feet Of <u>-</u>	%gas <u>-</u>	%oil <u>-</u>	%water <u>-</u>
Rec. <u>-</u> Feet Of <u>-</u>	%gas <u>-</u>	%oil <u>-</u>	%water <u>-</u>
BHT <u>106</u> °F Gravity <u>-</u>	°API D@ <u>-</u>	°F Corrected Gravity <u>-</u>	°API <u>-</u>
RW <u>.51</u> @ <u>57</u> °F	Chlorides <u>17000</u> ppm Recovery	Chlorides <u>1500</u> ppm System	

	AK-1	Alpine		
(A) Initial Hydrostatic Mud	<u>1701</u>		PSI Recorder No. <u>11085</u>	T-On Location <u>0010</u>
(B) First Initial Flow Pressure	<u>77</u>		PSI (depth) <u>3424</u>	T-Started <u>0130</u>
(C) First Final Flow Pressure	<u>77</u>		PSI Recorder No. <u>13547</u>	T-Open <u>0246</u>
(D) Initial Shut-In Pressure	<u>582</u>		PSI (depth) <u>3427</u>	T-Pulled <u>0546</u>
(E) Second Initial Flow Pressure	<u>99</u>		PSI Recorder No. <u>-</u>	T-Out <u>0720</u>
(F) Second Final Flow Pressure	<u>110</u>		PSI (depth) <u>-</u>	T-Off Location <u>0750</u>
(G) Final Shut-in Pressure	<u>550</u>		PSI Initial Opening <u>45</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>1701</u>		PSI Initial Shut-in <u>45</u>	Jars <u>-</u>
			Final Flow <u>45</u>	Safety Joint <u>-</u>
			Final Shut-in <u>45</u>	Straddle <u>-</u>
				Circ. Sub <u>-</u>
				Sampler <u>-</u>
				Extra Packer <u>-</u>
				Elec. Rec. <u>-</u>
				Mileage <u>-</u>
				Other <u>-</u>
				TOTAL PRICE \$ <u>✓</u>

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 Jim Baird

Our Representative RAY SCHWAGER THANK YOU

TRILOBITE TESTING L.L.C.

OPERATOR : Baird Oil Company, Inc.
 WELL NAME: Gebhard A #1
 LOCATION : 5-1s-18w Phillips co KS
 INTERVAL : 3485.00 To 3504.00 ft

DATE 9-30-99

KB 2116.00 ft TICKET NO: 12054 DST #4
 GR 2108.00 ft FORMATION: Lansing
 TD 3504.00 ft TEST TYPE: CONV

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11085	11085	13547			PF Fr. 1847 to 1917 hr
SI 30 Range (Psi)	4300.0	4300.0	4200.0	0.0	0.0	IS Fr. 1917 to 1947 hr
SF 30 Clock (hrs)	12	12	12			SF Fr. 1947 to 2017 hr
FS 30 Depth (ft)	3496.0	3496.0	4200.0	0.0	0.0	FS Fr. 2017 to 2047 hr

	Field	1	2	3	4	
A. Init Hydro	1744.0	1771.0	0.0	0.0	0.0	T STARTED 1740 hr
B. First Flow	77.0	94.0	0.0	0.0	0.0	T ON BOTM 1840 hr
B1. Final Flow	77.0	81.0	0.0	0.0	0.0	T OPEN 1847 hr
C. In Shut-in	734.0	732.0	0.0	0.0	0.0	T PULLED 2047 hr
D. Init Flow	88.0	94.0	0.0	0.0	0.0	T OUT 2210 hr
E. Final Flow	88.0	94.0	0.0	0.0	0.0	
F. Fl Shut-in	691.0	667.0	0.0	0.0	0.0	
G. Final Hydro	1933.0	1755.0	0.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----

Tool Wt.	2200.00 lbs
Wt Set On Packer	2000.00 lbs
Wt Pulled Loose	46000.00 lbs
Initial Str Wt	40000.00 lbs
Unseated Str Wt	40000.00 lbs
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	30.00 ft
D.P. Length	3435.00 ft

RECOVERY

Tot Fluid 5.00 ft of 5.00 ft in DC and 0.00 ft in DP
 5.00 ft of Oil cut mud with show of clean oil on top
 0.00 ft of of tool 7% oil 93% 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 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Very weak blow died in 10 mins.
 Final Flow:
 No blow flushed tool

MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/cf
Vis.	46.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	

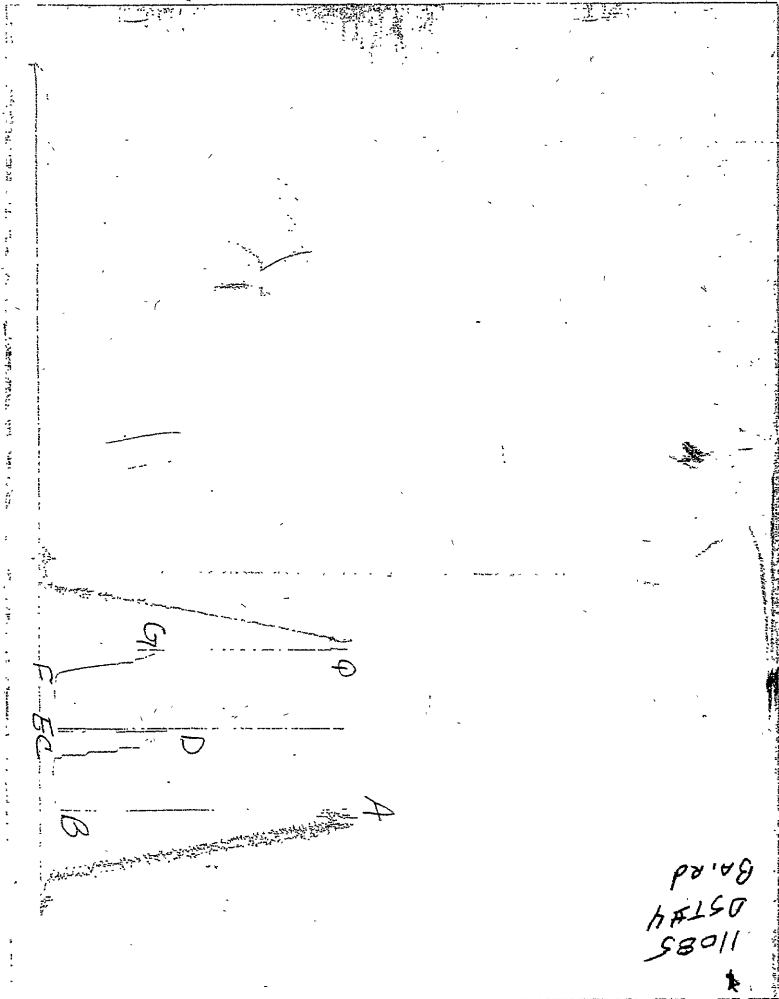
Amt. of fill 0.00 ft
 Btm. H. Temp. 106.00 F
 Hole Condition
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out
 Tool Chased

SAMPLES:
 SENT TO:

Tester Ray Schwager
 Co. Rep. Jim Baird
 Contr. Discovery
 Rig # 1
 Unit #
 Pump T.

Test Successful: Y

CHART PAGE



11085
05TH4
GARD

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

TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

No 12054

Test Ticket

Well Name & No. <u>Gebhard "A" #1</u>		Test No. <u>4</u>	Date <u>9-30-99</u>
Company <u>Baird Oil Company, Inc</u>		Zone Tested <u>Lansing</u>	
Address <u>P.O. Box 428 Logan, Ks 67646-0428</u>		Elevation <u>2116</u> KB <u>2108</u> GL	
Co. Rep / Geo. <u>Jim Baird</u>		Cont. <u>Discovery rig 1</u>	Est. Ft. of Pay <u>-</u> Por. <u>-</u> %
Location: Sec. <u>5</u>	Twp. <u>1^s</u>	Rge. <u>18^w</u>	Co. <u>Phillips</u> State <u>Ks</u>
No. of Copies <u>Req</u> Distribution Sheet (Y, N) <u>N</u>		Turnkey (Y, N) <u>N</u>	Evaluation (Y, N) <u>N</u>

Interval Tested <u>3485 - 3504</u>	Initial Str Wt./Lbs. <u>40000</u>	Unseated Str Wt./Lbs. <u>40000</u>
Anchor Length <u>19</u>	Wt. Set Lbs. <u>20000</u>	Wt. Pulled Loose/Lbs. <u>46000</u>
Top Packer Depth <u>3480</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>3485</u>	Hole Size — 7 7/8" <u>yes</u>	Rubber Size — 6 3/4" <u>yes</u>
Total Depth <u>3504</u>	Wt. Pipe Run <u>-</u>	Drill Collar Run <u>30</u>
Mud Wt. <u>9.3</u> LCM <u>TR</u> Vis. <u>46</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 XH</u>	Ft. Run <u>3435</u>
Blow Description <u>JFP - Very weak Blow, died in 10 min</u>		
<u>FFP - No Blow</u>		
<u>Flushed Tool</u>		

Recovery — Total Feet <u>5</u>	GIP <u>-</u>	Ft. in DC <u>5</u>	Ft. in DP <u>-</u>
Rec. <u>5</u> Feet Of <u>OCM</u>	%gas <u>7</u>	%oil <u>-</u>	%water <u>93</u> %mud <u>-</u>
Rec. <u>-</u> Feet Of <u>w/show of clean oil</u>	%gas <u>-</u>	%oil <u>-</u>	%water <u>-</u> %mud <u>-</u>
Rec. <u>-</u> Feet Of <u>on top of tool</u>	%gas <u>-</u>	%oil <u>-</u>	%water <u>-</u> %mud <u>-</u>
Rec. <u>-</u> Feet Of <u>-</u>	%gas <u>-</u>	%oil <u>-</u>	%water <u>-</u> %mud <u>-</u>
Rec. <u>-</u> Feet Of <u>-</u>	%gas <u>-</u>	%oil <u>-</u>	%water <u>-</u> %mud <u>-</u>
BHT <u>106</u> °F Gravity <u>-</u>	°API D @ <u>-</u>	°F Corrected Gravity <u>-</u>	°API <u>-</u>
RW <u>-</u> @ <u>-</u> °F Chlorides <u>-</u>	ppm Recovery <u>-</u>	Chlorides <u>1500</u>	ppm System <u>-</u>

(A) Initial Hydrostatic Mud <u>1744</u>	AK-1	Alpine	PSI Recorder No. <u>11085</u>	T-On Location <u>1630</u>
(B) First Initial Flow Pressure <u>77</u>			PSI (depth) <u>3496</u>	T-Started <u>1740</u>
(C) First Final Flow Pressure <u>77</u>			PSI Recorder No. <u>13547</u>	T-Open <u>1847</u>
(D) Initial Shut-In Pressure <u>734</u>			PSI (depth) <u>3501</u>	T-Pulled <u>2047</u>
(E) Second Initial Flow Pressure <u>88</u>			PSI Recorder No. <u>-</u>	T-Out <u>2210</u>
(F) Second Final Flow Pressure <u>88</u>			PSI (depth) <u>-</u>	T-Off Location <u>2250</u>
(G) Final Shut-in Pressure <u>691</u>			PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud <u>1733</u>			PSI Initial Shut-in <u>30</u>	Jars <u>-</u>
			Final Flow <u>30</u>	Safety Joint <u>-</u>
			Final Shut-in <u>30</u>	Straddle <u>-</u>

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Approved By Jim Baird

Our Representative Ray Schwegler Thank you

Mileage -

Other -

TOTAL PRICE \$ ✓