

*Plugged 10-2-99*

**ORIGINAL**

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

API NO. 15- 155-21439 0000

County Reno County, Kansas

SE - SW - SW Sec. 13 Twp. 26 Rge. 9 xx <sup>E</sup> <sub>W</sub>

330 Feet from S (circle one) Line of Section

990 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 Cole Well # 2

Field Name Lorado

Producing Formation NONE

Elevation: Ground 1640' KB 1649'

Total Depth 2424' PBDT

Amount of Surface Pipe Set and Cemented at 225.59 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 Per A, 1-24-00 etc.  
(Data must be collected from the Reserve Pit)

Chloride content          ppm Fluid volume 160 bbls

Dewatering method used Hauled off

Location of fluid disposal if hauled offsite:         

Operator Name R & B Oil & Gas, Inc

Lease Name Nunemaker License No. 31191

SE Quarter Sec. 10 Twp. 26 S Rng. 9 E/W

County Reno Docket No. D-26,193

Operator: License # 31191

Name: R&B Oil & Gas

Address P.O. Box 195

City/State/Zip Attica, Kansas 67009-0195

Purchaser:         

Operator Contact Person: Randy Newberry

Phone ( 316 ) 254-7972

Contractor: Name: Duke Drilling Co., Inc

License: 5929

Wellsite Geologist: Wesley Hansen

Designate Type of Completion 11-10-1999  
 New Well  Re-Entry  Workover

Oil  SWD  S10W  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:         

Well Name:         

Comp. Date          Old Total Depth         

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBDT  
 Commingled  Docket No.           
 Dual Completion  Docket No.           
 Other (SWD or Inj?)  Docket No.         

09-28-99 10-02-99 10-02-99  
Spud Date Date Reached TD Completion Date

STATE CORPORATION COMMISSION RECEIVED NOV 10 1999

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 Randy Newberry

Title President Date 11-8-99

Subscribed and sworn to before me this 8th day of November, 19 99.

Notary Public Rebecca D. Newberry

Date Commission Expires 7-21-2001

K.C.C. OFFICE USE ONLY			
F	<u>NO</u>	Letter of Confidentiality Attached	
C	<input type="checkbox"/>	Wireline Log Received	
C	<input type="checkbox"/>	Geologist Report Received	
Distribution			
<input type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

Operator Name R&B Oil & Gas

Lease Name Cole

Well # 2

Sec. 13 Twp. 26 Rge. 9  
 East  
 West

County Reno County, Kansas

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:

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
Krider	1400	
Winfield	1461	
Towanda	1525	
Fort Riley	1567	
Foraker	2011	
Indian Cave	2178	
Tarkio Line	2369	

Williard Shale - 2392  
 RTD - 2424

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	12-1/4"	8-5/8"		225.59'	60/40 Poz	175	3%cc 2%gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

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

Shots Per Foot	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	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SMD or Inj. N/A Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>N/A</u>				

Disposition of Gas: METHOD OF COMPLETION  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

ORIGINAL

**Well Name:** Cole #2  
**Company:** R & B Oil & Gas  
**Location:** 13-26s-9w  
Reno county Kansas  
**Date:** 10-6-99

RECEIVED  
STATE CONSERVATION COMMISSION

NOV 10 1999

CONSERVATION DIVISION  
Wichita, Kansas

TRILOBITE TESTING L.L.C.

OPERATOR : R&B Oil & Gas DATE 10-01-99  
 WELL NAME: Cole #2 KB 1649.00 ft TICKET NO: 12379... DST #1  
 LOCATION: 13-26s-9w Reno co KS GR 1640.00 ft FORMATION: Indian Cave  
 INTERVAL : 2177.00 To 2227.00 ft TD 2227.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
30	Rec.		10248	10248	2342		PF Fr. 1632 to 1702 hr
45	Range (Psi)		4400.0	4400.0	4995.0	0.0	IS Fr. 1702 to 1747 hr
30	Clock (hrs)		12 hr	12 hr	batt.		SF Fr. 1747 to 1817 hr
45	Depth (ft)		2224.0	2224.0	2189.0	0.0	FS Fr. 1817 to 1902 hr

	Field	1	2	3	4	
A. Init Hydro	1023.0	1046.0	981.0	0.0	0.0	T STARTED 1448 hr
B. First Flow	30.0	43.0	31.0	0.0	0.0	T ON BOTM 1625 hr
Bl. Final Flow	82.0	70.0	77.0	0.0	0.0	T OPEN 1632 hr
C. In Shut-in	621.0	621.0	622.0	0.0	0.0	T PULLED 1904 hr
D. Init Flow	85.0	94.0	74.0	0.0	0.0	T OUT 2026 hr
E. Final Flow	109.0	102.0	103.0	0.0	0.0	
F. Fl Shut-in	593.0	603.0	610.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	983.0	983.0	972.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	0	0	I	T		Wt Set On Packer 22000.00 lbs

RECOVERY

Tot Fluid 180.00 ft of 0.00 ft in DC and 180.00 ft in DP  
 120:00 ft of Gas in Pipe. Faint oder.  
 180:00 ft of Drilling mud 14% water 86% mud  
 0:00 ft of  
 0:00 ft of  
 0:00 ft of  
 0:00 ft of  
 0:00 ft of Rw n.c. ohms @ degrees F.  
 0:00 ft of EST.FT. of PAY-----10  
 SALINITY 2000.00 P.P.M. A.P.I. Gravity 0.00

Wt Pulled Loose 46000.00 lbs  
 Initial Str Wt 26000.00 lbs  
 Unseated Str Wt 27000.00 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 0.00 ft  
 D.P. Length 2174.00 ft

BLOW DESCRIPTION

Initial Flow:  
 Fair to strong blow bottom of bucket  
 in 8 mins.  
 Initial Shut-in:  
 No blow.  
 Final Flow:  
 Strong blow bottom of bucket in  
 3.5 mins.  
 Final Shut-in:  
 No blow

MUD DATA-----

Mud Type	Chemical
Weight	.880 lb/cf
Vis.	42.00 S/L
W.L.	13.40 in3
F.C.	0.20 in
Mud Drop N	
Amt. of fill	13.00 ft
Btm. H. Temp.	87.00 F
Hole Condition	Fair
% Porosity	14.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None
Reversed Out N	
Tool Chased Y	12.00 ft
Tester	Gary Pevoteaux
Co. Rep.	Wes Hansen
Contr.	Duke Drlg.
Rig #	4
Unit #	
Pump T.	LCM 0 #/bl

SAMPLES: none  
 SENT TO: Caraway/Liberal

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Cole #2  
 LOCATION : 13-26S-9W Reno co KS  
 TICKET No. 12379 D.S.T. No. 1 DATE 10-01-99  
 TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 22  
 INTERVAL TOOL .....  
 BOTTOM PACKERS AND ANCHOR ..... 18  
 TOTAL TOOL ..... 40  
 DRILL COLLAR ANCHOR IN INTERVAL .....  
 D.C. ANCHOR STND.Stands Single Total  
 D.P. ANCHOR STND.Stands Single 1 Total 32  
 TOTAL ASSEMBLY ..... 72  
 D.C. ABOVE TOOLS.Stands Single Total  
 D.P. ABOVE TOOLS.Stands 32 Single Total 2174  
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 2246  
 TOTAL DEPTH ..... 2227  
 TOTAL DRILL PIPE ABOVE K.B. .... 19

REMARKS:  
 Comments: 12 - 13 ft. of solid fill on btm.  
 Solid tool 12 ft. to btm.

FLUID SAMPLER DATA (not run)

Gas----- cubic ft  
 Oil----- ML.  
 Mud----- ML.  
 Water----- ML.  
 Other-----  
 Pressure----- PSI  
 Rw ----- ohms @ deg. F.  
 Chlorides----- ppm.  
 Gravity----- deg.API

P.O. SUB  
 C.O. SUB @ top of tool ..... 2155  
 S.I. TOOL Sterling ..... 2161  
 HMV Sterling ..... 2166  
 JARS none  
 SAFETY JOINT bowen ..... 2168  
 PACKER Top ..... 2172  
 PACKER Btm. ..... 2177  
 DEPTH 2177  
 STUBB 1 ft. ..... 2178  
 ANCHOR  
 6' perms & sub to ..... 2184  
 Alpine rec. @ 2189  
 T.C.  
 DEPTH  
 1 jt. pipe to ..... 2216  
 6' perms & sub to ..... 2222  
 AK-1 rec. @ 2224  
 BULLNOSE 5 ft. perforated ..... 2227  
 T.D.

# TEST HISTORY

12379 DST#1 COLE #2 R&B OIL & GAS

Flag Points

	t (Min.)	P (PSig)
A:	0.00	980.86
B:	0.00	30.96
C:	30.50	76.87
D:	45.50	621.56
E:	0.00	74.35
F:	30.00	103.31
G:	44.50	610.06
Q:	0.00	972.38

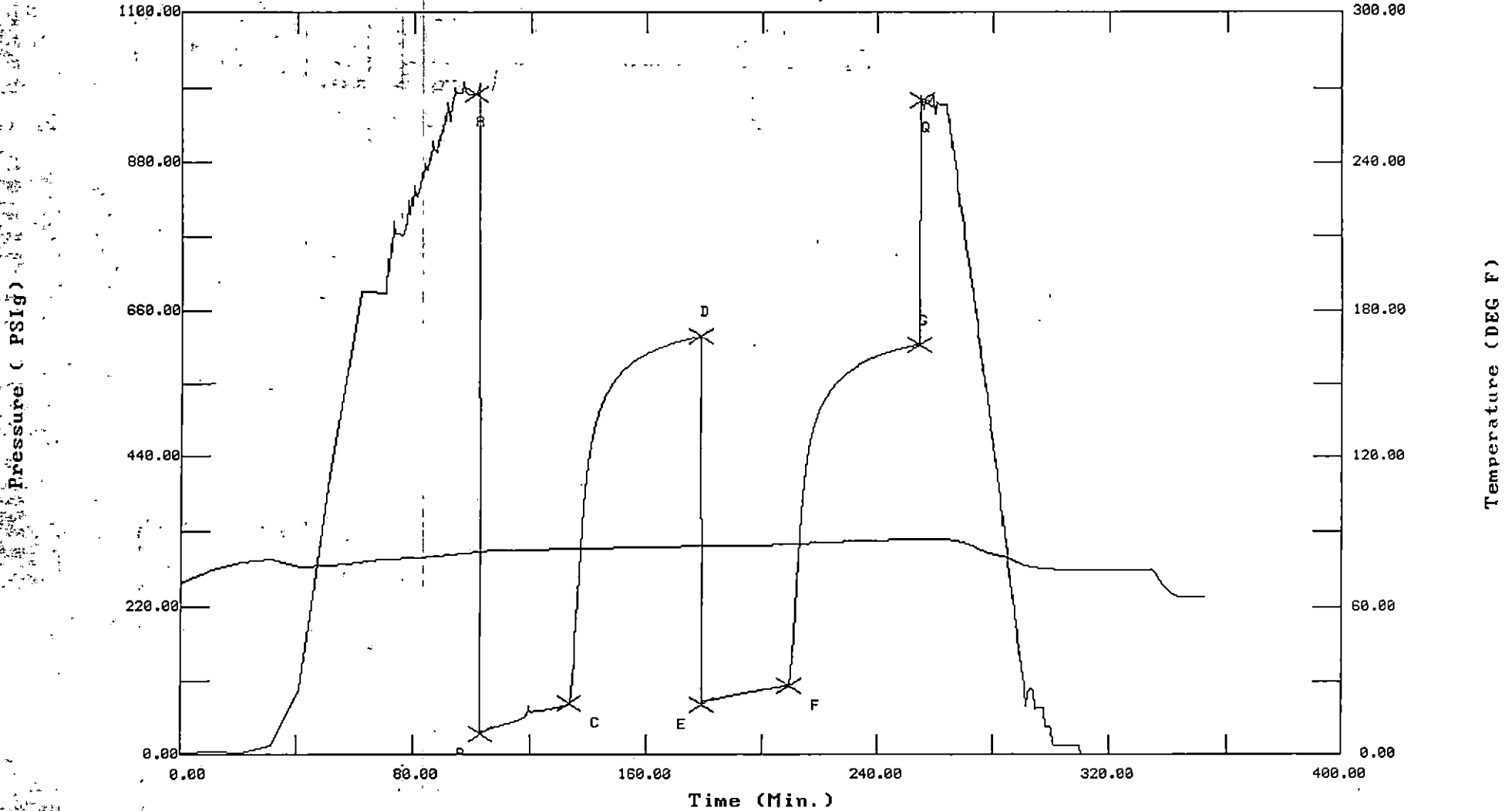
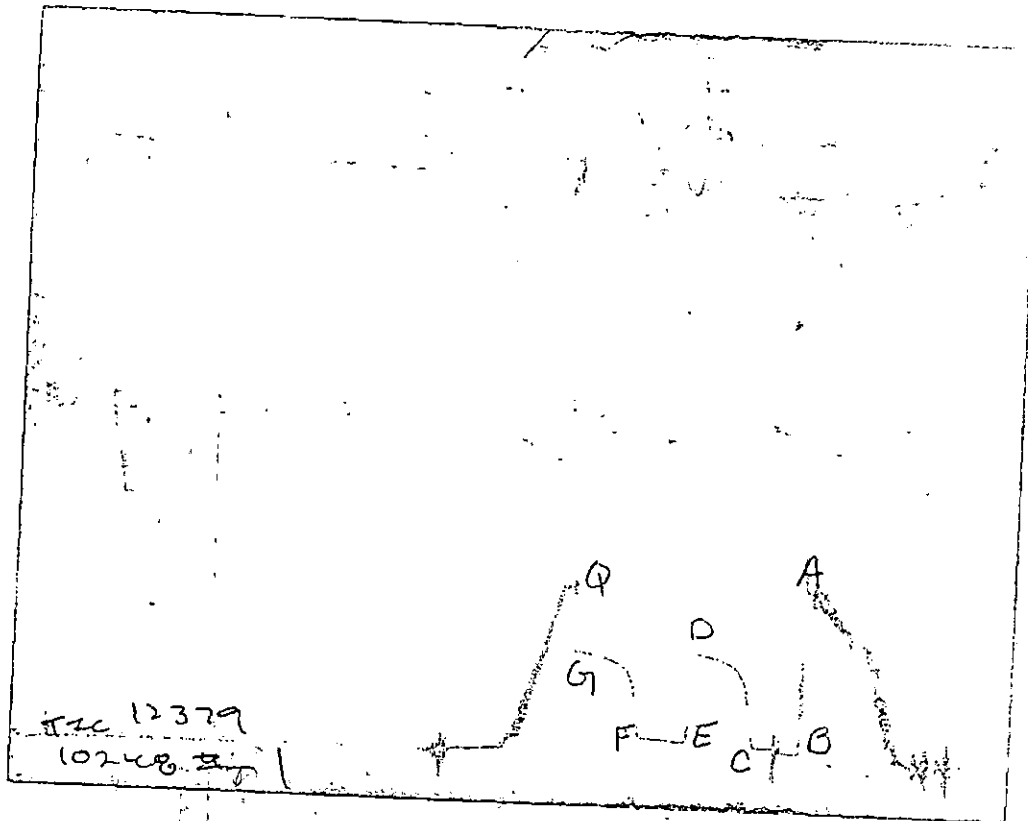


CHART PAGE



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

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

Nº 12379

## Test Ticket

Well Name & No. Cole #2 Test No. 1 Date 10-1-99  
 Company R & B Oil & Gas Zone Tested INDIAN CAVE  
 Address P.O. Box 195, Attila, KS. 67009 Elevation 1649 KB 1640GL  
 Co. Rep / Geo. Wes Hansen Cont. Duke Dalg. #4 Est. Ft. of Pay 10 Por.      %  
 Location: Sec. 13 Twp. 26S Rge. 9W Co. Renov State KS.  
 No. of Copies 5 Distribution Sheet (Y, N) N Turnkey (Y, N) ? Evaluation (Y, N)     

Interval Tested 2177 - 2227 Initial Str. Wt./Lbs. 26,000 Unseated Str. Wt./Lbs. 27,000  
 Anchor Length 50' Wt. Set Lbs. 27,000 Wt. Pulled Loose/Lbs. 46,000  
 Top Packer Depth 2172' Tool Weight 2100 #  
 Bottom Packer Depth 2177' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓  
 Total Depth 2227' Wt. Pipe Run None Drill Collar Run None  
 Mud Wt. 8.8 LCM      Vis. 42 WL 13.4 cc Drill Pipe Size 4 1/2" x. H. Ft. Run 2174'  
 Blow Description IF: Fair for strong below. Btm. of bucket in 8 mins. FSI: No below.  
FF: Strong below. Btm. of bucket in 3 1/2 mins. FSI: No below.  
Comment: 12' of solid fill on btm. steel tool 12 ft. to bottom.  
 Recovery — Total Feet 180 GIP 120' <sup>FALUT</sup> <sub>00-212</sub> Ft. in DC      Ft. in DP 180  
 Rec. 180 Feet Of Daily Mud %gas      %oil 14 %water 86 %mud       
 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 8.7 °F Gravity N/A °API D @      °F Corrected Gravity N/A °API       
 RW N/C @      °F Chlorides 2,000 ppm Recovery Chlorides 2,000 ppm System     

	AK-1	Alpine	PSI	Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	1023	981		2342	1320
(B) First Initial Flow Pressure	30	31		(depth) 2189	T-Started 1448
(C) First Final Flow Pressure	82	77		10249	T-Open 1632
(D) Initial Shut-In Pressure	521	622		(depth) 2224	T-Pulled 1904
(E) Second Initial Flow Pressure	85	74		Recorder No. <u>    </u>	T-Out 2020
(F) Second Final Flow Pressure	109	103		(depth) <u>    </u>	T-Off Location 2110
(G) Final Shut-in Pressure	513	610		Initial Opening 30	Test ✓ 600
(Q) Final Hydrostatic Mud	983	972		Initial Shut-in 45	Jars <u>    </u>

Final Flow 30 Safety Joint ✓ 50  
 Final Shut-in 45 Straddle       
     Circ. Sub       
     Sampler       
 Extra Packer       
 Elec. Rec. ✓ 150  
 Mileage       
 Other       
 TOTAL PRICE \$ ✓ 800

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 Wesley Hansen  
 Our Representative Conny Pawlenty



TRILOBITE TESTING L.L.C.

OPERATOR: R&B Oil & Gas DATE: 10-02-99  
 WELL NAME: Cole #2 KB: 1649.00 ft TICKET NO: 12380 DST #2  
 LOCATION: 13-26s-9w Reno co KS GR: 1640.00 ft FORMATION: Tarkio  
 INTERVAL: 2378.00' To 2424.00' ft TD: 2424.00' ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA
PF 30 Rec.	10248	10248	2342			PF Fr. 1155. to 1225. hr
SI 45 Range (Psi)	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 1225 to 1310 hr
SF 30 Clock (hrs)	12 hr	12 hr	batt.			SF Fr. 1310 to 1340 hr
FS 30 Depth (ft)	2421.0	2421.0	2390.0	0.0	0.0	FS Fr. 1340. to 1410. hr

	Field	1	2	3	4	
A. Init Hydro	1154.0	1154.0	1116.0	0.0	0.0	T STARTED 1028 hr
B. First Flow	44.0	59.0	37.0	0.0	0.0	T ON BOTM 1150 hr
B1. Final Flow	50.0	70.0	49.0	0.0	0.0	T OPEN 1155 hr
C. In Shut-in	769.0	771.0	758.0	0.0	0.0	T PULLED 1413 hr
D. Init Flow	69.0	93.0	59.0	0.0	0.0	T OUT 1530 hr
E. Final Flow	85.0	100.0	85.0	0.0	0.0	
F. Fl Shut-in	701.0	718.0	703.0	0.0	0.0	TOOL DATA
G. Final Hydro	1099.0	1106.0	1074.0	0.0	0.0	Tool Wt. 2100.00 lbs
Inside/Outside	O	O	I	T		Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 140.00 ft of 0.00 ft in DC and 140.00 ft in DP  
 0.00 ft of Gas in all fluid free pipe.  
 80.00 ft of Gas cut mud 10% gas 90% mud  
 60.00 ft of Muddy water 35% mud, 65% water  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of Rw .13 ohms @ 67 degrees F.  
 0.00 ft of EST.FT. of PAY-----5  
 SALINITY 58000.00 P.P.M. A.P.I. Gravity 0.00

MUD DATA

Mud Type	Chemical
Weight	8.90 lb/cf
Vis.	60.00 S/L
W.L.	8.80 in3
F.C.	0.20 in
Mud Drop N	

BLOW DESCRIPTION

Initial Flow:  
 Strong blow gas to surface in 15 mins  
 (see gas volume report)  
 Initial Shut-in:  
 Weak blow. (1/2")  
 Final Flow:  
 Strong blow (see gas volume report)  
 Final Shut-in:  
 No blow

Amt. of fill	0.00 ft
Btm. H. Temp.	90.00 F
Hole Condition	Fair
% Porosity	10.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00 N
Cushion Type	None

SAMPLES: none  
 SENT TO: Caraway/Liberal

Reversed Out N  
 Tool Chased N  
 Tester Gary Pevoteaux  
 Co. Rep. Wes Hansen  
 Contr. Duke Drlg.  
 Rig # 4  
 Unit #  
 Pump T. LCM 0 #/bl

Test Successful: Y

GAS RECOVERY

COMPANY: R&B Oil & Gas

DATE: 10-02-99

WELL NAME: Cole #2

KB Elev: 1649.00 ft TICKET #12380 DST #2

WELL LOCATION: 13-26s-9w Reno co KS

GR Elev: 1640.00 ft FORMATION: Tarkio

INTERVAL Fr.: 2378.00 To 2424.00 T.D.: 2424.00 ft TEST TYPE: CONVENTIONAL

GAS RECOVERY MEASURED WITH Adjusting Choke

\*\*\*\*\* GAS RATES FOR FLOW #1

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
20	0.25	0	12	5860.0
30	0.25	0	12	5860.0

\*\*\*\*\* GAS RATES FOR FLOW #2

Time (min)	Orifice (in)	Pressure (Psi)	H2O (in)	Rate (cf/d)
10	0.25	0	12	5860.0
20	0.25	0	6	3710.0
30	0.25	0	6	3710.0

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Cole #2

LOCATION : 13-26s-9w Reno co KS

TICKET No. 12380 D.S.T. No. 2 DATE 10-02-99

TOTAL TOOL TO BOTTOM OF TOP PACKERS 22

INTERVAL TOOL 14

BOTTOM PACKERS AND ANCHOR 14

TOTAL TOOL 36

DRILL COLLAR ANCHOR IN INTERVAL

D.C. ANCHOR STND.Stands Single Total

D.P. ANCHOR STND.Stands Single 1 Total 32

TOTAL ASSEMBLY 68

D.C. ABOVE TOOLS.Stands Single Total

D.P. ABOVE TOOLS.Stands 35 Single Total 2361

TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 2429

TOTAL DEPTH 2424

TOTAL DRILL PIPE ABOVE K.B. 5

REMARKS:  
Comments:

FLUID SAMPLER DATA (not run)

GAS----- cubic ft  
 OIL----- ML.  
 MUD----- ML.  
 WATER----- ML.  
 OTHER-----  
 PRESSURE----- PSI  
 Rw ----- ohms @ deg. F.  
 CHLORIDES----- ppm.  
 GRAVITY----- deg.API

P.O. SUB	
C.O. SUB @ top of tool	2356
S.I. TOOL Sterling	2362
HMV Sterling	2367
JARS none	
SAFETY JOINT bowen	2369
PACKER Top	2373
PACKER Btm.	2378
DEPTH 2378	
STUBB 1 ft.	2379
ANCHOR	
6'perfs & sub to	2385
Alpine rec. @ 2390	
T.C. DEPTH	
1 jt.pipe to	2417
2' perfs & sub to	2419
AK-1 rec. @ 2421	
BULLNOSE 5 ft. perforated	2424
T.D.	

# TEST HISTORY

12380 DST#2 COLE #2 R&B OIL & GAS

Flag Points  
t(Min.) P( PSig)

A:	0.00	1116.32
B:	0.00	36.58
C:	28.50	48.75
D:	45.00	758.03
E:	0.00	59.41
F:	28.50	84.93
G:	33.00	703.31
Q:	0.00	1074.18

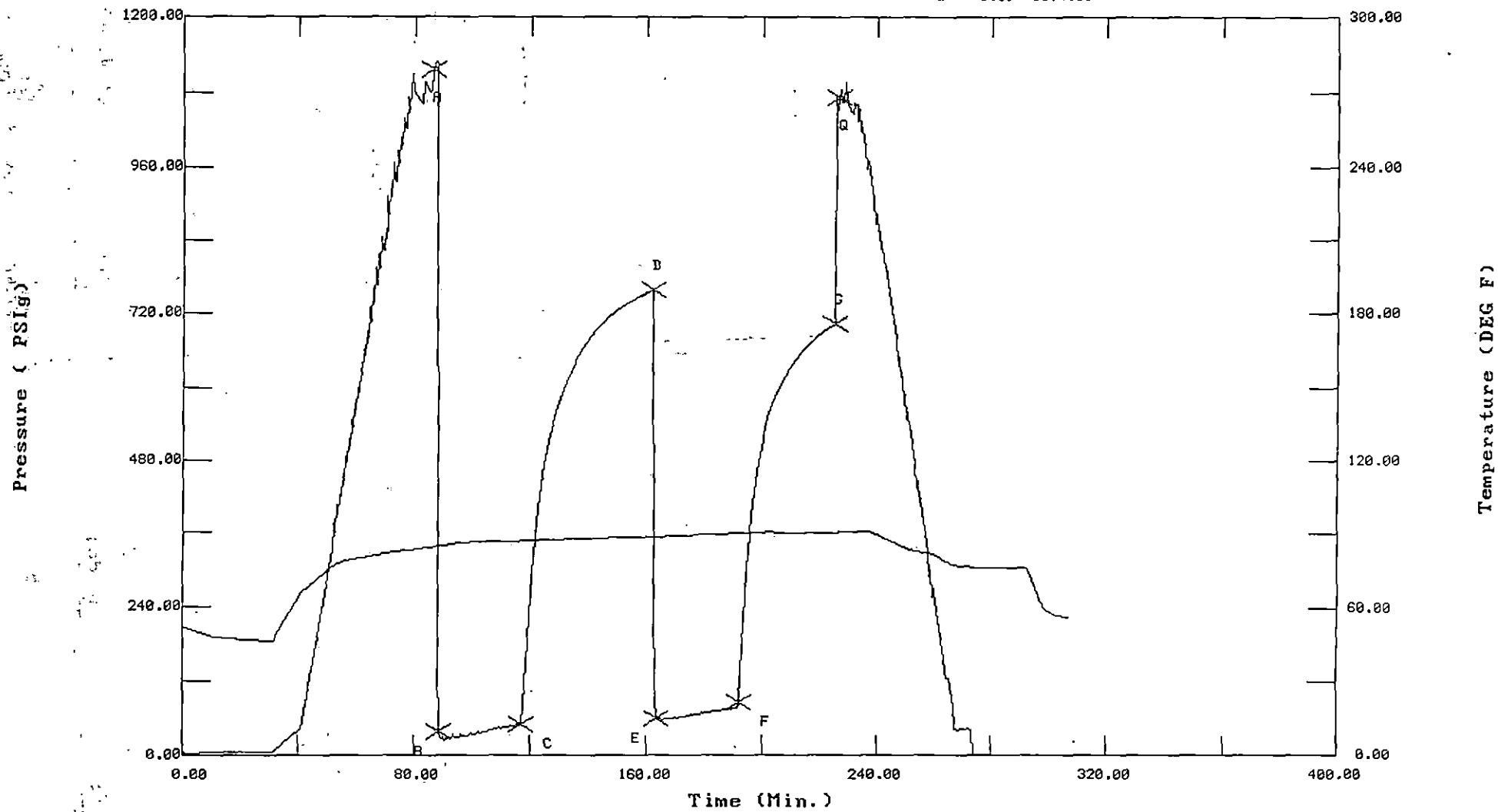
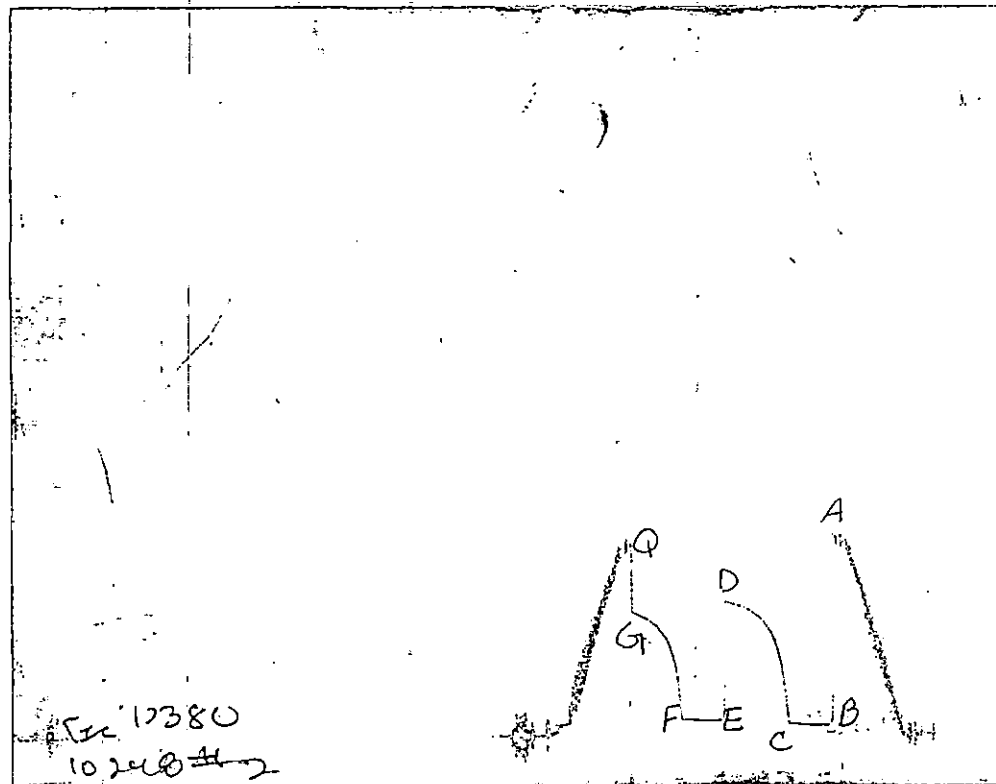


CHART PAGE



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



# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

N<sup>o</sup> 12380

## Test Ticket

Well Name & No. Col 2 #2 Test No. 2 Date 10-2-99  
 Company RIB Oil & Gas Zone Tested TARLITO  
 Address P.O. Box 195, Attica KS 67009 Elevation 1649 KB 1640GL  
 Co. Rep/Geo. Wes Hansen Cont. Duke Drig #4 Est. Ft. of Pay 5 Por.     %  
 Location: Sec. 13 Twp. 26S Rge. 9W Co. Reno State KS.  
 No. of Copies     Distribution Sheet (Y, N)     Turnkey (Y, N)     Evaluation (Y, N)    

Interval Tested 2378 - 2424' Initial Str Wt./Lbs. 27,000 Unseated Str Wt./Lbs. 28,000  
 Anchor Length 46' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 36,000  
 Top Packer Depth 2373' Tool Weight 2100#  
 Bottom Packer Depth 2378' Hole Size — 7 7/8" ✓ Rubber Size — 6 3/4" ✓  
 Total Depth 2424' Wt. Pipe Run None Drill Collar Run None  
 Mud Wt. 8.9 LCM     Vis. 60 WL 8.8cc Drill Pipe Size 4 1/2" X-H Ft. Run 2361'  
 Blow Description IF: Strong blow. CTS in 15 mins. (see gas volume report) IS: Weak blow. (1")  
FF: Strong blow. (see gas volume report) FSI: No blow.

Recovery — Total Feet	GIP	Ft. in DC	Ft. in DP
<u>140</u>	<u>yes</u>	<u>   </u>	<u>140</u>
Rec. <u>40</u> Feet Of <u>CCY</u>		10 %gas	%oil %water 90% mud
Rec. <u>60</u> Feet Of <u>M.W.</u>		%gas	%oil 65 %water 35% mud
Rec. <u>   </u> Feet Of <u>   </u>		%gas	%oil %water %mud
Rec. <u>   </u> Feet Of <u>   </u>		%gas	%oil %water %mud
Rec. <u>   </u> Feet Of <u>   </u>		%gas	%oil %water %mud

BHT 90 °F Gravity     °API @     °F Corrected Gravity     °API  
 RW .13 @ 67 °F Chlorides SE, 000 ppm Recovery Chlorides 2000 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>1154</u>	<u>1116</u>	<u>2347</u>	<u>0605</u>
(B) First Initial Flow Pressure	<u>44</u>	<u>57</u>	(depth) <u>2390'</u>	T-Started <u>1028</u>
(C) First Final Flow Pressure	<u>50</u>	<u>49</u>	PSI Recorder No. <u>10248</u>	T-Open <u>1155</u>
(D) Initial Shut-In Pressure	<u>769</u>	<u>758</u>	(depth) <u>2421'</u>	T-Pulled <u>413</u>
(E) Second Initial Flow Pressure	<u>69</u>	<u>59</u>	PSI Recorder No. <u>   </u>	T-Out <u>1530</u>
(F) Second Final Flow Pressure	<u>83</u>	<u>85</u>	(depth) <u>   </u>	T-Off Location <u>1645</u>
(G) Final Shut-in Pressure	<u>761</u>	<u>703</u>	PSI Initial Opening <u>30</u>	Test <u>✓ 6000</u>
(Q) Final Hydrostatic Mud	<u>1099</u>	<u>1074</u>	PSI Initial Shut-in <u>45</u>	Jars <u>   </u>
			Final Flow <u>30</u>	Safety Joint <u>50</u>
			Final Shut-in <u>30</u>	Straddle <u>   </u>
			<u>   </u>	Circ. Sub <u>   </u>
			<u>   </u>	Sampler <u>   </u>
				Extra Packer <u>   </u>
				Elec. Rec. <u>✓ 150</u>
				Mileage <u>   </u>
				Other <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 Wes Hansen  
 Our Representative Gary [Signature]

TOTAL PRICE \$ ✓ 800.00

# ALLIED CEMENTING CO., INC. 9528

Federal Tax I.D.# 48-0727860

LEASING TO: P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Hest Bend

DATE	9-27-99	SEC.	13	TWP.	26	RANGE	19	CALLED OUT	1:35 PM	ON LOCATION	4:00 PM	JOB START	6:30 PM	JOB FINISH	7:00 PM
LEASE	<u>Cole</u>	WELL#	<u>2</u>	LOCATION	<u>Landa 1/2 East</u>						COUNTY	<u>Renov</u>	STATE	<u>Kansas</u>	
OLD OR NEW (Circle one)															

CONTRACTOR	<u>Pike</u>	OWNER	<u>Same</u>
TYPE OF JOB	<u>Surface</u>	CEMENT	
HOLE SIZE	<u>12 1/4</u>	T.D.	<u>225'</u>
CASING SIZE	<u>8 3/8</u>	DEPTH	<u>225' 213'</u>
TUBING SIZE		DEPTH	<u>2 7/8 @ 3% cc</u>
DRILL PIPE		DEPTH	
TOOL		DEPTH	
PRES. MAX		MINIMUM	COMMON <u>1.05 @ 6.35 @ 666.75</u>
MEAS. LINE		SHOE JOINT	POZ MIX <u>70 lb @ 3.25 @ 227.50</u>
CEMENT LEFT IN CSG.	<u>75'</u>		GEL <u>3 @ 9.50 @ 28.50</u>
PERFS.			CHLORIDE <u>5 @ 23.00 @ 116.00</u>
DISPLACEMENT	<u>x 13.6 bbls</u>		
EQUIPMENT			
PUMP TRUCK #	<u>181</u>	CEMENTER	<u>J.P. Drilling</u>
		HELPER	<u>B. Buchanan</u>
BULK TRUCK #	<u>341</u>	DRIVER	<u>Rich Weiser</u>
BULK TRUCK #		DRIVER	
HANDLING		<u>175 @ 1.05 @ 183.75</u>	
MILEAGE		<u>38 @ 2.85 @ 108.30</u>	
TOTAL		<u>1512.50</u>	

REMARKS: Ran 5' into 8 3/8 casing set at 213' circulate with mud pump, cement with 175 @ 2x3. Shut down, release 8 3/8 wiper plug & displaced with 13.6 bbls fresh cement. did circulate. Thank you!

DEPTH OF JOB 225'  
PUMP TRUCK CHARGE 470.00  
EXTRA FOOTAGE @  
MILEAGE 38 @ 2.85 108.30  
PLUG 1-8 3/8 @ 45.00 45.00

TOTAL 622.30

CHARGE TO: R & B Oil & Gas  
STREET P.O. Box 195  
CITY Attila STATE Kansas ZIP 67009-0195

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 listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX 8.00  
TOTAL CHARGE \$ 2135.80  
DISCOUNT \$ 427.16 IF PAID IN 30 DAYS

SIGNATURE Rich Wheeler PRINTED NAME Rich Wheeler

THANK YOU STATE CORPORATION COMMISSION

RECEIVED NOV 1 1999 Net \$ 1708.64



# ALLIED CEMENTING CO., INC.

2942

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: 1st Band

DATE: <u>10-2-89</u>	SEC: <u>13</u>	TWP: <u>26</u>	RANGE: <u>9</u>	CALLED OUT: <u>4:00 PM</u>	ON LOCATION: <u>6:30 PM</u>	JOB START: <u>7:35 PM</u>	JOB FINISH: <u>9:15 PM</u>
LEASE: <u>Cole</u>	WELL# <u>2</u>	LOCATION: <u>Laredo - 125, N/S</u>		COUNTY: <u>Band</u>	STATE: <u>Ks</u>		

CONTRACTOR: <u>Duke #4</u>	OWNER: <u>Same</u>
TYPE OF JOB: <u>Rotary Plug</u>	CEMENT AMOUNT ORDERED: <u>145 @ 60/40, 27 @ 20</u>
HOLE SIZE: <u>7 3/8</u>	T.D. <u>2429'</u>
CASING SIZE: _____	DEPTH: _____
TUBING SIZE: _____	DEPTH: _____
DRILL PIPE: <u>4 1/2"</u>	DEPTH: <u>1400'</u>
TOOL: _____	DEPTH: _____
PRES. MAX: _____	MINIMUM: _____
MEAS. LINE: _____	SHOE JOINT: _____
CEMENT LEFT IN CSG: _____	POZMIX: <u>87 @ 6.35 = 552.45</u>
PERFS: _____	GEL: <u>58 @ 3.25 = 188.50</u>
DISPLACEMENT: _____	CHLORIDE: <u>2 @ 9.50 = 19.00</u>
EQUIPMENT: _____	HANDLING: <u>145 @ 1.05 = 152.25</u>
PUMP TRUCK CEMENTER: <u>Tom D</u>	MILEAGE: <u>38 @ 5.85 = 222.30</u>
# <u>181</u> HELPER: <u>Bob B</u>	TOTAL: <u>\$1132.60</u>
BULK TRUCK # <u>341</u> DRIVER: <u>Bud B</u>	
BULK TRUCK # _____ DRIVER: _____	

REMARKS:	SERVICE:
<u>Mixed - 35 @ 1400'</u>	DEPTH OF JOB: <u>1400'</u>
<u>35 @ 920'</u>	PUMP TRUCK CHARGE: <u>470.00</u>
<u>35 @ 275'</u>	EXTRA FOOTAGE: _____ @ _____
<u>25 @ 60'</u>	MILEAGE: <u>38 @ 2.85 = 108.30</u>
<u>15 @ 100' hole</u>	PLUG: <u>1-2 3/4 wooden @ 45.00 = 45.00</u>
	TOTAL: <u>\$623.30</u>

CHARGE TO: Reb Oil and

STREET: P.O. Box 195

CITY: Atter STATE: Ks ZIP: 67607-0195

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: \$1755.90

DISCOUNT: 4351.18 IF PAID IN 30 DAYS

SIGNATURE: Rich Wheeler PRINTED NAME: Rich Wheeler

RECEIVED STATE CORPORATION COMMISSION

NOV 10 1999

CONSERVATION DIVISION  
Wichita, Kansas

Net \$ 1404.72

# ALLIED CEMENTING CO., INC. 9528

Federal Tax I.D.# 46-0727860

COMMIT TO: P.O. BOX 31

SERVICE POINT

RUSSELL, KANSAS 67665

*Heart Brand*

DATE <b>9-27-99</b>	SEC. <b>13</b>	TWP. <b>26</b>	RANGE <b>9</b>	CALLED OUT <b>1:35 PM</b>	ON LOCATION <b>4:00 PM</b>	JOB START <b>6:30 PM</b>	JOB FINISH <b>7:00 PM</b>
LEASE <b>Coal</b>	WELL # <b>2</b>	LOCATION <b>Land 1 1/2 East</b>		COUNTY <b>Lea</b>	STATE <b>Kansas</b>		
OLD OR (NEW) (Circle one)							
CONTRACTOR <b>Duke</b>				OWNER <b>Same</b>			
TYPE OF JOB <b>Surface</b>							
HOLE SIZE <b>12 1/4</b>		TD. <b>225'</b>		CEMENT			
CASING SIZE <b>8 3/4</b>		DEPTH <b>225'</b>		AMOUNT ORDERED <b>175 AX 2 1/4</b>			
TUBING SIZE		DEPTH		<b>2 1/2 AX 3 1/2 CC</b>			
DRILL PIPE		DEPTH					
TOOL		DEPTH					
PRES. MAX		MINIMUM		COMMON <b>105 @ 16.35 = 1667.75</b>			
MEAS. LINE		SHOE JOINT		POZMIX <b>70 @ 3.25 = 227.50</b>			
CEMENT LEFT IN CSG. <b>15'</b>				GEL <b>3 @ 9.50 = 28.50</b>			
PERFS.				CHLORIDE <b>5 @ 28.00 = 140.00</b>			
DISPLACEMENT <b>x 13.6 bbls</b>							
EQUIPMENT							
<b>4B</b>							
PUMP TRUCK		CEMENTER <b>JD Spelling</b>		HANDLING <b>175 AX @ 10.50 = 183.75</b>			
# <b>181</b>		HELPER <b>B. Bushman</b>		MILEAGE <b>38 @ 2.85 = 108.30</b>			
BULK TRUCK		DRIVER <b>Rich Weaver</b>					
# <b>341</b>							
BULK TRUCK							
#				TOTAL <b>1512.50</b>			

REMARKS: **Run 5' site 8 3/4 casing set at 213' circulate with mud pump, cement with 175 AX 2 1/4 shut down, release 8 3/4 wiper plug & displaced with 13.6 bbls fresh 12" cement did circulate. Thank you!**

DEPTH OF JOB **225'**  
 PUMP TRUCK CHARGE **470.00**  
 EXTRA FOOTAGE @  
 MILEAGE **38 @ 2.85 = 108.30**  
 PLUG **1-85 @ 45.00 = 45.00**

CHARGE TO: **Red B Oil & Gas**  
 STREET **P.O. Box 195**  
 CITY **Attea** STATE **Kansas** ZIP **67009-0195**

FLOAT EQUIPMENT

To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment for a job for a period of 10 days and furnish cementer and helper to assist owner or contractor to do work as 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.

TOTAL CHARGE **\$ 2135.80**  
 DISCOUNT **\$ 427.16** IF PAID IN 30 DAYS

SIGNATURE **Rich Wheeler** PRINTED NAME **Rich Wheeler**

Thank You RECEIVED STATE COMMISSION NOV 1 1999 CONSERVATION DIVISION Wichita, Kansas Net \$ 1708.64



# ALLIED CEMENTING CO., INC. 9528

Federal Tax I.D.# 48-0727860  
 REMIT TO: P.O. BOX 31 RUSSELL, KANSAS 67665  
 SERVICE POINT: West Bend

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
9-27-99	13	26	9	1:35 PM	4:00 PM	6:30 PM	7:00 PM
LEASE	WELL#	LOCATION		COUNTY	STATE		
<u>Cole</u>	<u>2</u>	<u>Zanada 1 1/2 East</u>		<u>Renov</u>	<u>Kansas</u>		

CONTRACTOR	OWNER
<u>Fisher</u>	<u>Some</u>
TYPE OF JOB	
<u>Surface</u>	
HOLE SIZE	T.D.
<u>12 1/4"</u>	<u>225'</u>
CASING SIZE	DEPTH
<u>8 3/8"</u>	<u>213'</u>
TUBING SIZE	DEPTH
	<u>2 7/8" 370'</u>
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
<u>15'</u>	
PERFS.	
DISPLACEMENT	
<u>x 13.6 bbls</u>	
EQUIPMENT	
<u>40'</u>	
PUMP TRUCK	CEMENTER
# <u>181</u>	<u>B. Buehner</u>
BULK TRUCK	DRIVER
# <u>341</u>	<u>Rich Weiner</u>
BULK TRUCK	DRIVER
#	
	TOTAL
	<u>\$1512.50</u>

REMARKS:	SERVICE
<u>Run 5 sites 8 3/8 casing set at 213' circulate with mud pump, cement with 175 sac @ 2 1/2" shut down, release 8 3/8 wiper plug &amp; displaced with 13.6 bbls fresh cement did circulate. Thank you!</u>	
DEPTH OF JOB	
<u>225'</u>	
PUMP TRUCK CHARGE	
	<u>470.00</u>
EXTRA FOOTAGE	
MILEAGE	
<u>38</u>	<u>108.30</u>
PLUG	
<u>1-8 3/8</u>	<u>45.00</u>
	TOTAL
	<u>\$623.30</u>

CHARGE TO: Red B Oil & Gas  
 STREET: P.O. Box 195  
 CITY: Attea STATE: Kansas ZIP: 67009-0195

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 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: Rich Wheeler PRINTED NAME: Rich Wheeler

TAX: 6%  
 TOTAL CHARGE: \$2135.80  
 DISCOUNT: \$427.16  
 IF PAID IN 30 DAYS: Net \$1708.64

RECEIVED STATE CORPORATION COMMISSION  
 THANK YOU  
 NOV 10 1999  
 CONSERVATION DIVISION  
 Wichita, Kansas

# ALLIED CEMENTING CO., INC.

2942

Federal Tax I.D.# 48-0727860

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

SERVICE POINT: *At Bond*

DATE: <i>10-2-99</i>	SEC: <i>13</i>	TWP: <i>26</i>	RANGE: <i>9</i>	CALLED OUT: <i>4:00 PM</i>	ON LOCATION: <i>6:30 PM</i>	JOB START: <i>7:35 PM</i>	JOB FINISH: <i>9:15 PM</i>
LEASE: <i>Cole</i>	WELL #: <i>2</i>	LOCATION: <i>Loned - 125, N/S</i>			COUNTY: <i>Hendy</i>	STATE: <i>Ks</i>	
OLD OR NEW (Circle one)							

CONTRACTOR: *Duke Rice #4* OWNER: *Same*

TYPE OF JOB: *Rotary Pump*

HOLE SIZE: *7 7/8" I.D. 2424'* CEMENT AMOUNT ORDERED: *145 cu yd @ 140/200 Mesh*

CASING SIZE: \_\_\_\_\_ DEPTH: \_\_\_\_\_

TUBING SIZE: \_\_\_\_\_ DEPTH: \_\_\_\_\_

DRILL PIPE: *4 1/2"* DEPTH: *1400'*

TOOL: \_\_\_\_\_ DEPTH: \_\_\_\_\_

PRES. MAX: \_\_\_\_\_ MINIMUM: \_\_\_\_\_

MEAS. LINE: \_\_\_\_\_ SHOE JOINT: \_\_\_\_\_

CEMENT LEFT IN CSG: \_\_\_\_\_

PERFS: \_\_\_\_\_

DISPLACEMENT: \_\_\_\_\_

EQUIPMENT: \_\_\_\_\_

PUMP TRUCK CEMENTER: *Tom A*

# *181* HELPER: *Bob B*

BULK TRUCK: \_\_\_\_\_

# *341* DRIVER: *Bud B*

BULK TRUCK: \_\_\_\_\_

# \_\_\_\_\_ DRIVER: \_\_\_\_\_

REMARKS: \_\_\_\_\_ SERVICE: \_\_\_\_\_

*Mixed - 35 cu yd @ 1400'*

*35 cu yd @ 920'*

*35 cu yd @ 225'*

*25 cu yd @ 60'*

*15 cu yd in hole*

TOTAL: *\$1132.60*

TOTAL: *\$623.30*

CHARGE TO: *A&B Oil Prod*

STREET: *P.O. Box 195*

CITY: *Atchison* STATE: *Ks* ZIP: *66001-0195*

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: *\$1755.90*

DISCOUNT: *\$351.18* IF PAID IN 30 DAYS

SIGNATURE: *Rich Wheeler* PRINTED NAME: *Rich Wheeler*

RECEIVED STATE CORPORATION COMMISSION

NOV 16 1999

NET \$ *1404.72*