

ORIGINAL

Plugged 6-27-95

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

Operator: License # 04779  
 Name: North American Resources Company  
 Address: 1700 Broadway, Suite 508  
 City/State/Zip: Denver, Co. 80290  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: Mike Jensen or Jim McKinney  
 Phone: (303) 861-9183 X220 or X218  
 Contractor: Name: Abercrombie RTD, Inc.  
 License: 30684  
 Wellsite Geologist: Wes Hansen  
 Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 GAS  ENHR  SIGW  
 DRY  Other (Core, WSW, Expl., Cathodic, ect)  
 If Workover:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Comp. Date: \_\_\_\_\_ Old Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
 06-18-95 6/25/95 P&A'd 06-27-95  
 Spud Date Date Reached TD Completion Date

API NO. 15-199-202290000  
 County Wallace  
 E/2 SE - NW - Sec. 30 Twp. 14S Rge. 40W  
 3300 Feet from (S)N (circle one) Line of Section  
 2310 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 Coker Well # 30-1  
 Field Name None (Wildcat)  
 Producing Formation Mississippian  
 Elevation: Ground 3679' KB 3684'  
 Total Depth 5252' PBTB \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 413.0 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 D&A 994 4-15-96  
 (Data must be collected from the reserve pit)  
 Chloride content 1600 ppm Fluid Volume 1100 bbls  
 Watering method used Evaporation  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name 1595 08-02-95  
 Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E / W  
 County \_\_\_\_\_ Docket No. \_\_\_\_\_

STATE CORPORATION COMMISSION  
 RECEIVED  
 AUG 0 2 1995  
 CONSUL  
 WICHITA, KANSAS

INSTRUCTIONS: An original and two copies of this form shall be filled 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 Jim McKinney  
 Title SR. ENGINEERING TECHNICIAN Date 7/27/95  
 Subscribed and sworn to before me this 27th day of July  
 19 95  
 Notary Public Mike J. Hall  
 Date Commission Expires 11-29-97

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)



SIDE TWO

Operator Name North American Resources Company Lease Name Coker Well # 30-1  
 East County Wallace

Sec. 30 Twp. 14S Rge. 40  West

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 (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Samples	
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	HEEBNER SHALE	4110'	-426'
Electric Logs Run (Submit Copy)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	LANSING	4171'	-487'
List All E. Logs Run: Dual Induction, Compensated Neutron & Caliper			MARMATON	4562'	-878'
			CHEROKEE SHALE	4721'	-1037'
			MORROW SHALE	4957'	-1273'
			KEYES SAND	5156'	-1472'
			MISSISSIPPIAN	5200'	-1516'

CASING RECORD							
New <input checked="" type="checkbox"/> Used <input type="checkbox"/>							
Report all strings set - conductor, surface, intermediate, production, ect.							
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"	28#	413.00'	60/40 Poz mix	275 sx	2% gel, 3% CACL2
STATE RECEIVED CORPORATION COMMISSION AUG 02 1995							

ADDITIONAL CEMENTING / SQUEEZE RECORD				
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				

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 type="checkbox"/> Yes	<input type="checkbox"/> No		
Date of First, Resumed Production, SWD or Inj.			Production Method				
			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas - Oil Ratio	Gravity		

Disposition of Gas:  Vented  Sold  Used on Lease

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

(If vented, submit ACO-18.)



# ALLIED CEMENTING CO., INC.

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

## ORIGINAL

15-199-20229-00-00  
SERVICE POINT

*Wood Deal*

DATE <u>6-26-95</u>	SEC <u>30</u>	TWP <u>14</u>	RANGE <u>40</u>	CALLED OUT <u>11:30 AM</u>	ON LOCATION <u>6 AM</u>	JOB START <u>12:00 PM</u>	JOB END <u>5 PM</u>
LEASE <u>Coker</u>	WELL # <u>30-1</u>	LOCATION <u>Sharon Springs 65 30 1/2</u>			COUNTY <u>Wallace</u>	STATE <u>K.S.</u>	

OLD OR NEW (Circle one)

CONTRACTOR <u>Abercrombie R.D. #5</u>	OWNER _____
TYPE OF JOB <u>Rotary Plug</u>	CEMENT _____
HOLE SIZE _____ T.D. <u>5250 ft</u>	AMOUNT ORDERED <u>200 5/8 6 7/8 1/2" Class Cement</u>
CASING SIZE <u>4 3/4</u> DEPTH <u>406 ft</u>	COMMON _____ @ _____
TUBING SIZE _____ DEPTH _____	POZMIX _____ @ _____
DRILL PIPE <u>4 1/2</u> DEPTH <u>2760 ft</u>	GEL _____ @ _____
TOOL _____ DEPTH _____	CHLORIDE _____ @ _____
PRES. MAX _____ MINIMUM _____	_____ @ _____
MEAS. LINE _____ SHOE JOINT _____	_____ @ _____
CEMENT LEFT IN CSG. _____	_____ @ _____
PERFS. _____	_____ @ _____

### EQUIPMENT

PUMP TRUCK CEMENTER <u>Mike M</u>
# <u>121</u> HELPER <u>Duane S</u>
BULK TRUCK _____
# _____ DRIVER <u>Paul</u>
BULK TRUCK _____
# <u>116</u> DRIVER <u>Burr</u>

HANDLING _____ @ _____	TOTAL _____
MILEAGE _____ @ _____	

### REMARKS:

*Blowd Cup off Back Pump  
mix 25 gal at 2760 ft Displace it  
Down with mud off Rig mud pump  
mix 100 gal at 1750 ft Displace it  
Down with mud off Rig mud pump  
mix 40 gal at 460 ft Displace with  
water 10 gal at 40 ft Plug at 40 ft  
15 gal at Rat Hole  
10 gal at mouse Hole*

### SERVICE

DEPTH OF JOB <u>2760 ft</u>	
PUMP TRUCK CHARGE _____	
EXTRA FOOTAGE _____ @ _____	
MILEAGE _____ @ _____	
PLUG <u>4 3/4</u> old Hole plug _____ @ _____	
_____ @ _____	
_____ @ _____	
TOTAL _____	

CHARGE TO: North American Resources Company

STREET 1700 Broadway suite # 508  
CITY Denver STATE Colorado ZIP 80290

### FLOAT EQUIPMENT

_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
TOTAL _____	

Thank you  
 Allied Cementing Co. Inc  
 Mike + Duane + Burr  
 303-861-9183

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 W.C. Craig

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

# ALLIED CEMENTING CO., INC.

1071

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

ORIGINAL

15-199-20229-00-00  
SERVICE POINT:

Mount Deal

DATE <u>6-26-95</u>	SEC <u>30</u>	TWP. <u>14</u>	RANGE <u>40</u>	CALLED OUT <u>12:30 PM</u>	ON LOCATION <u>6:00 AM</u>	JOB START <u>12:00 PM</u>	JOB FINISH <u>3:00 PM</u>
LEASE <u>Coker</u>	WELL# <u>30-1</u>	LOCATION <u>Sharon Springs 65 3w 3/4</u>	COUNTY <u>Wallace</u>	STATE <u>K.S.</u>			

(OLD) OR NEW (Circle one)

CONTRACTOR Abercrombie P.D. Rig #5  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE \_\_\_\_\_ T.D. 5250 ft  
 CASING SIZE 4 1/2 DEPTH 406 ft  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 DEPTH 2760 ft  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_

OWNER SAME  
 CEMENT  
 AMOUNT ORDERED  
200 5/8" 6' gal #7 flo seal cement  
 COMMON 120 @ 7.20 864.00  
 POZMIX 80 @ 3.15 252.00  
 GEL 10 @ 9.50 95.00  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
Flo Seal 50 # @ 1.15 57.50  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 200 @ 1.05 210.00  
 MILEAGE 61 488.00  
 TOTAL \$ 1966.50

**EQUIPMENT**

PUMP TRUCK CEMENTER Mike Munsch  
 # 224 HELPER Dunne S  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER Bud  
 BULK TRUCK  
 # 116 DRIVER Bur

**REMARKS:**

**SERVICE**

Blowed Cup off Back Pump  
Mix 250 gal at 2760 ft Displace it  
Down with mud off Rig mud pump  
Mix 100 gal at 1780 ft Displace it  
Down with mud off Rig mud pump  
Mix 40 gal at 460 ft Displace with  
water 10 gal at 40 ft Plug at 40 ft  
15 gal at Rat Hole  
10 gal at mouse Hole

DEPTH OF JOB 2760 ft  
 PUMP TRUCK CHARGE 2000-4000' - 550.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 61 @ 2.35 143.35  
 PLUG 5/8" old Hole plug @ 23.00 23.00  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL \$ 716.35

CHARGE TO: North American Resources Company  
 STREET 1700 Broadway suite # 508  
 CITY Denver STATE Colorado ZIP 80290

**FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

Thank you  
 Allied Cementing Co  
 Mike + Dunne + Barr  
 303-461-9199

TAX \_\_\_\_\_  
 TOTAL CHARGE \$ 2682.85  
 DISCOUNT \$ 536.57 IF PAID IN 30 DAYS

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.

Net \$ 2146.28

SIGNATURE W.C. Craig

**UNITED CEMENTING COMPANY, INC.**

913-483-2627  
 P. O. BOX 31  
 RUSSELL, KANSAS 67665

15-199-20229-00-00

**ORIGINAL**

To: North American Resources Co.  
1700 Broadway #508  
Denver, CO 80290

Invoice No. 69136  
 Purchase Order No. \_\_\_\_\_  
 Lease Name Coker 30-1  
 Date 6-26-95

**Service and Materials as Follows:**

Common 120 sks @\$7.20	\$864.00	
Pozmix 80 sks @\$3.15	252.00	
Gel 10 sks @\$9.50	95.00	
FloSeal 50# @\$1.15	<u>57.50</u>	\$1,268.50
Handling 200 sks @\$1.05	210.00	
Mileage (61) @\$.04¢ per sk per mi	488.00	
Rotary Plug	550.00	
Mi @\$2.35 pmp trk chg	143.35	
1 plug	<u>23.00</u>	<u>1,414.35</u>
	<b>Total</b>	<b>\$2,682.85</b>

If Account CURRENT, a  
 Discount of \$ 536.57  
 Will Be Allowed ONLY If  
 Paid Within 30 Days From  
 Date of Invoice.

Thank You!

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1½% Charged Thereafter

# WESLEY D. HANSEN

API# 15-199-20229-00-00  
 212 N. MARKET SUITE 503 WICHITA, KANSAS 67202 (316) 263-7313

## GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

OPERATOR North American Resources Company  
 LEASE Coker WELL NO. 30-1  
 FIELD Wildcat  
 LOCATION E/2 SE NW  
 SEC. 30 TWP. 14S RGE. 40W  
 COUNTY Wallace STATE Kansas

CONTRACTOR Abercrombie Rig 5  
 COMM. 6-17-95 COMP. 6-25-95  
 RTD 5250' LOG TD 5252'  
 SAMPLES SAVED FROM 3900' TO TD  
 DRILLING TIME KEPT FROM 3700' TO TD  
 SAMPLES EXAMINED FROM 3900' TO TD  
 GEOLOGICAL SUPERVISION FROM 3956' TO TD  
 MUD UP 4000' TYPE MUD Chemical

FORMATION	LOG		SAMPLE		STRUCT. COMP.
	TOP	DATUM	TOP	DATUM	
Heebner Sh.	4110	- 426	4109	-425	- 5
Lansing	4171	- 487	4172	-488	-10
Marmaton	4562	- 878	4565	-881	- 9
Cherokee Sh.	4721	-1037	4721	-1037	-16
Morrow Sh.	4957	-1273	4957	-1273	-22
Keyes Sd.	5156	-1472	5155	-1471	NC
Mississippian	5200	-1516	5200	-1516	NC

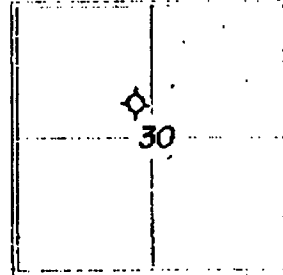
ELEVATION  
 KB 3684'  
 DF \_\_\_\_\_  
 GL 3679'  
 Measurements Are At:  
 From KB

### CASING RECORD

SURFACE 8 5/8" set of  
413' w/ 275 sx  
 PRODUCTION None

ELECTRICAL SURVEYS  
DIFL, BHCAL, ZDLC-  
CN  
 by Western Atlas

API 15-199-20229



REFERENCE WELL FOR STRUCTURAL COMPARISON Cherokee Operating Co. No. 1  
Bohl C NWNW 25-14S-41W

# ORIGINAL



15-199-20229-00-00  
**NORTH AMERICAN RESOURCES COMPANY**

DENVER DISTRICT OFFICE  
1700 BROADWAY, SUITE 508, DENVER, COLORADO 80290  
TELEPHONE (303) 861-9183

April 10, 1996

Kansas Corporation Commission  
Mr. Jim Hemmen  
130 S. Market, Room 2078  
Wichita, Kansas 67202

Dear Mr. Hemmen:

Enclosed please find the sonic log for the Coker 30-1 well that you requested in our phone conversation on this date. Please do not hesitate to call if I can be of any other service.

Sincerely,

Mike Jensen  
Senior Engineer

Enclosure: 1

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KANSAS CORP COMM  
1996 APR 15 A 8:37



15-199-20229-00-00

ORIGINAL

DRILL-STEM TEST DATA

Well Name: COKER #30-1  
Company : NORTH AMERICAN RESOURCES CO  
Location - Sec: 30 Twp: 14S Rge: 40W  
County: WALLACE State: KS  
Date: 06/25/95

API# 15-199-20229

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STATE CORPORATION COMMISSION

AUG 02 1995

CONSERVATION  
WICHITA, KANSAS

TRILOBITE TESTING L.L.C.

15-199-20229-00-00

OPERATOR : NORTH AMERICAN RES. CO  
 WELL NAME: Coker #30-1  
 LOCATION : 30-14S-40W, WALLACE CTY  
 INTERVAL : 5131.00 To 5250.00 ft

DATE 6-25-95

KB 3684.00 ft TICKET NO: 8071 DST #1  
 GR 3679.00 ft FORMATION: Keyes Sand  
 TD 5250.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 10 Rec.	AK-1	AK-1	ALPINE			PF Fr. 10 to hr
SI 45 Range(Psi )	4700.0	4700.0	4995.0	0.0	0.0	IS Fr. 45 to hr
SF 45 Clock(hrs)	23832	23832				SF Fr. 45 to hr
FS 90 Depth(ft )	5149.0	5149.0	5133.0	0.0	0.0	FS Fr. to 1.5 hr

	Field	1	2	3	4	
A. Init Hydro	2570.0	2606.0	2493.0	0.0	0.0	T STARTED 1600 hr
B. First Flow	925.0	940.0	938.0	0.0	0.0	T ON BOTM 1758 hr
Bl. Final Flow	949.0	956.0	967.0	0.0	0.0	T OPEN 1800 hr
C. In Shut-in	1102.0	1108.0	1111.0	0.0	0.0	T PULLED 2110 hr
D. Init Flow	1009.0	1025.0	1006.0	0.0	0.0	T OUT 2400 hr
E. Final Flow	1091.0	1090.0	1104.0	0.0	0.0	
F. Fl Shut-in	1102.0	1098.0	1111.0	0.0	0.0	
G. Final Hydro	2382.0	2362.0	2341.0	0.0	0.0	
Inside/Outside	0	0	I			

TOOL DATA-----

Tool Wt.	2000.00 lbs
Wt Set On Packer	20000.00 lbs
Wt Pulled Loose	1000000.00 lbs
Initial Str Wt	50000.00 lbs
Unseated Str Wt	66000.00 lbs
Bot Choke	0.75 in
Hole Size	7.88 in
D Col. ID	2.25 in
D. Pipe ID	3.70 in
D.C. Length	272.00 ft
D.P. Length	4819.00 ft

RECOVERY

Tot Fluid 2475.00 ft of 272.00 ft in DC and 2203.00 ft in DP  
 525.00 ft of Drilling Mud  
 1950.00 ft of Salty Water  
 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 32000.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Blow -  
 Strong blow off bottom in 1 min.  
 Initial Shutin -  
 Bled off blow - no return  
 Final Blow -  
 Strong return off bttm. in 1 min.  
 decreased to 10" blow @ 45 mins.  
 Final Shutin -  
 Bled off blow - no return

MUD DATA-----

Mud Type	Chemical
Weight	8.70 lb/cf
Vis.	48.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop N	
Amt. of fill	0.00 ft
Btm. H. Temp.	150.00 F
Hole Condition	Good
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out N	
Tool Chased N	
Tester	Rod Steinbrink
Co. Rep.	Wes Hansen
Contr.	Abercrombie
Rig #	#5
Unit #	
Pump T.	

SAMPLES:  
 SENT TO:

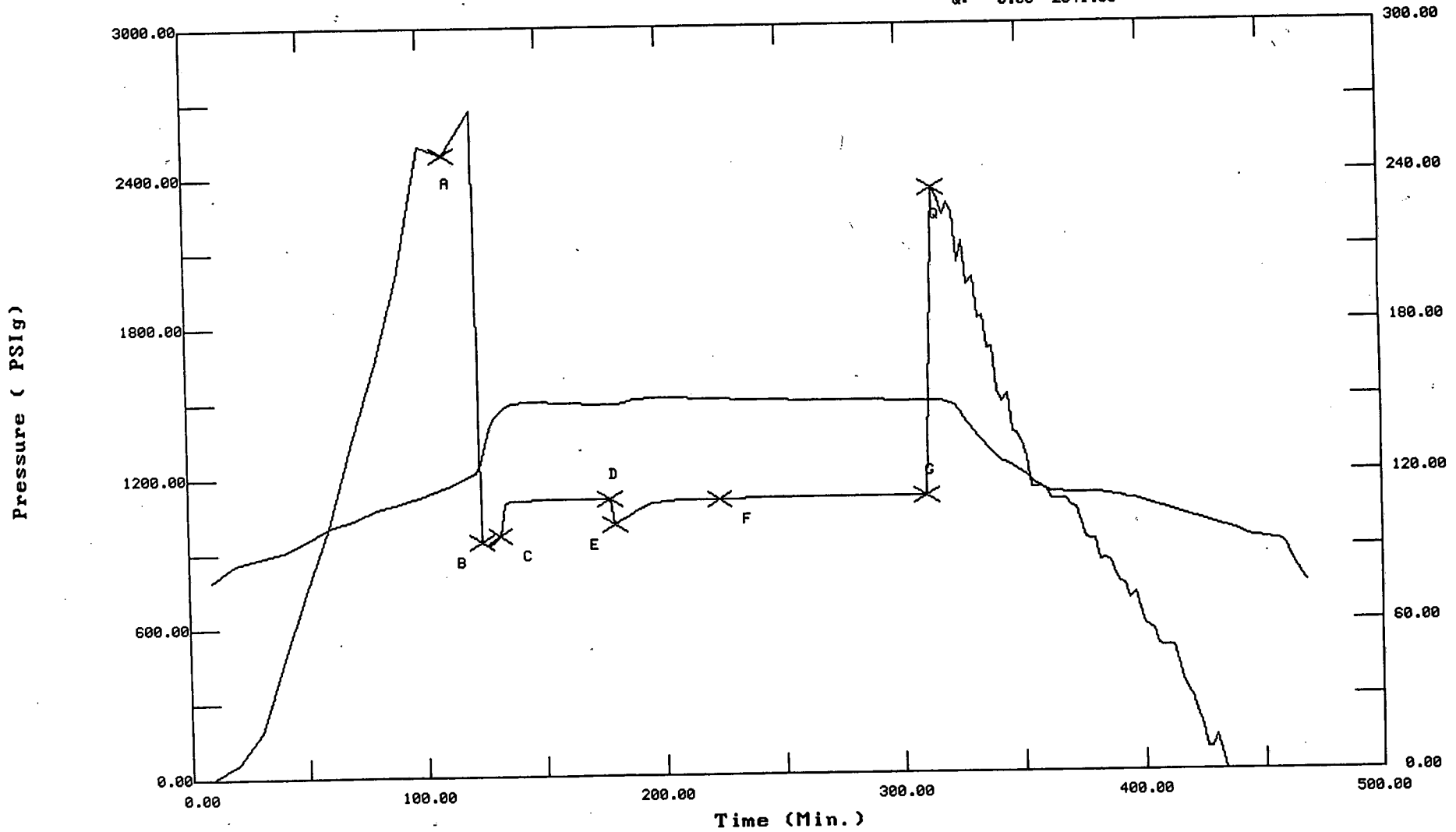
Test Successful: Y

# TEST HISTORY

8071 DST #1 Coker #30-1 MARCO

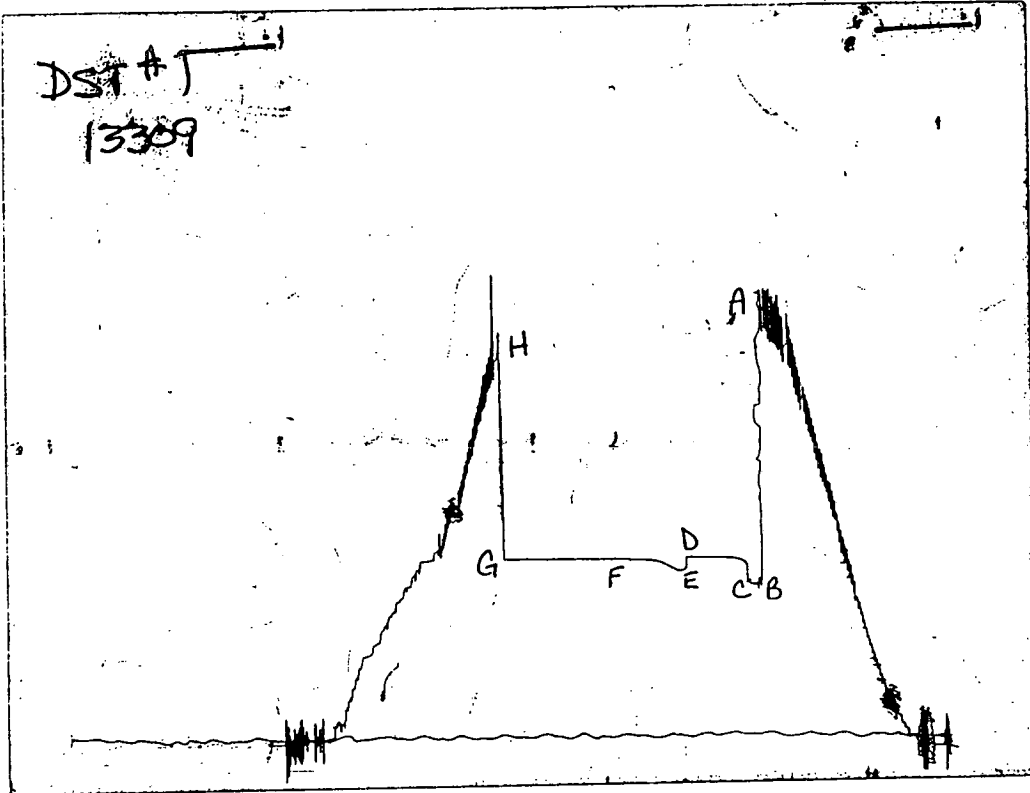
Flag Points  
t(Min.) P(PSig)

A:	0.00	2493.07
B:	0.00	938.39
C:	8.00	967.01
D:	46.00	1111.36
E:	0.00	1006.37
F:	44.00	1104.57
G:	86.00	1111.36
Q:	0.00	2341.66



15-199-20229-00-00  
00-00-672022-661-51

CHART PAGE



This is an actual photograph of an AK1 recorder chart

15-199-20229-00-20

15-199-20229-00-00

## ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

EST: 8071 DST #1 Coker #30-1 NARCO

ATE: 06/25/95

TIME: 16:02:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
**** Initial Hydro.	110.00	2493.1	0.0	116.18		
**** Start Flow 1	0.00	938.4	0.0	126.21		
	2.00	928.7	-9.7	133.14		
	4.00	930.2	-8.1	139.05		
	6.00	940.7	2.3	143.06		
**** End Flow 1	8.00	967.0	28.6	145.66		
**** Start Shutin 1	0.00	967.0	0.0	145.66	0.0000	0.935
	2.00	1094.0	127.0	147.49	5.0000	1.197
	4.00	1100.4	133.4	148.61	3.0000	1.211
	6.00	1102.9	135.9	149.26	2.3333	1.216
	8.00	1104.3	137.3	149.65	2.0000	1.220
	10.00	1105.2	138.2	149.82	1.8000	1.222
	12.00	1106.0	139.0	149.89	1.6667	1.223
	14.00	1106.7	139.7	149.87	1.5714	1.225
	16.00	1107.2	140.2	149.83	1.5000	1.226
	18.00	1107.7	140.7	149.77	1.4444	1.227
	20.00	1108.1	141.1	149.70	1.4000	1.228
	22.00	1108.4	141.4	149.59	1.3636	1.229
	24.00	1108.8	141.8	149.49	1.3333	1.230
	26.00	1109.2	142.2	149.39	1.3077	1.230
	28.00	1109.4	142.4	149.28	1.2857	1.231
	30.00	1109.5	142.5	149.20	1.2667	1.231
	32.00	1109.9	142.8	149.13	1.2500	1.232
	34.00	1110.1	143.1	149.06	1.2353	1.232
	36.00	1110.4	143.3	148.96	1.2222	1.233
	38.00	1110.6	143.6	148.88	1.2105	1.233
	40.00	1110.7	143.7	148.82	1.2000	1.234
	42.00	1110.9	143.9	148.76	1.1905	1.234
	44.00	1111.1	144.1	148.72	1.1818	1.235
**** End Shut-in 1	46.00	1111.4	144.4	148.68	1.1739	1.235
**** Start Flow 2	0.00	1006.4	0.0	148.64		
	2.00	1016.7	10.3	148.93		
	4.00	1029.4	23.0	149.47		
	6.00	1042.0	35.7	149.96		
	8.00	1054.0	47.6	150.33		
	10.00	1065.1	58.7	150.64		
	12.00	1074.8	68.4	150.85		
	14.00	1083.0	76.6	150.98		
	16.00	1089.5	83.2	151.06		
	18.00	1094.0	87.6	151.09		
	20.00	1097.1	90.7	151.08		
	22.00	1098.7	92.3	151.06		
	24.00	1099.7	93.3	151.02		
	26.00	1100.5	94.2	151.01		
	28.00	1101.0	94.7	150.96		
	30.00	1101.6	95.3	150.92		
	32.00	1102.0	95.7	150.84		
	34.00	1102.5	96.1	150.78		
	36.00	1102.9	96.5	150.72		
	38.00	1103.1	96.8	150.66		
	40.00	1103.6	97.2	150.60		

15-199-20229-00-00

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 8071 DST #1 Coker #30-1 NARCO  
DATE: 06/25/95 TIME: 16:02:16

	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	42.00	1103.8	97.4	150.52		
***** End Flow 2	44.00	1104.6	98.2	150.46		
***** Start Shutin 2	0.00	1104.6	0.0	150.46	0.0000	1.220
	2.00	1105.0	0.4	150.39	27.0000	1.221
	4.00	1105.2	0.7	150.33	14.0000	1.222
	6.00	1105.6	1.0	150.26	9.6667	1.222
	8.00	1105.8	1.3	150.18	7.5000	1.223
	10.00	1106.0	1.4	150.11	6.2000	1.223
	12.00	1106.2	1.7	150.05	5.3333	1.224
	14.00	1106.5	1.9	149.98	4.7143	1.224
	16.00	1106.7	2.2	149.93	4.2500	1.225
	18.00	1106.9	2.3	149.87	3.8889	1.225
	20.00	1107.2	2.6	149.82	3.6000	1.226
	22.00	1107.3	2.8	149.79	3.3636	1.226
	24.00	1107.6	3.0	149.77	3.1667	1.227
	26.00	1107.8	3.2	149.73	3.0000	1.227
	28.00	1107.8	3.3	149.68	2.8571	1.227
	30.00	1108.0	3.4	149.66	2.7333	1.228
	32.00	1108.3	3.8	149.62	2.6250	1.228
	34.00	1108.3	3.8	149.58	2.5294	1.228
	36.00	1108.5	3.9	149.56	2.4444	1.229
	38.00	1108.7	4.1	149.52	2.3684	1.229
	40.00	1108.9	4.4	149.48	2.3000	1.230
	42.00	1108.9	4.4	149.46	2.2381	1.230
	44.00	1109.2	4.6	149.42	2.1818	1.230
	46.00	1109.3	4.8	149.39	2.1304	1.231
	48.00	1109.4	4.9	149.36	2.0833	1.231
	50.00	1109.5	5.0	149.33	2.0400	1.231
	52.00	1109.6	5.0	149.30	2.0000	1.231
	54.00	1109.8	5.2	149.26	1.9630	1.232
	56.00	1109.9	5.3	149.24	1.9286	1.232
	58.00	1109.9	5.4	149.20	1.8966	1.232
	60.00	1110.0	5.5	149.19	1.8667	1.232
	62.00	1110.2	5.6	149.17	1.8387	1.233
	64.00	1110.3	5.7	149.14	1.8125	1.233
	66.00	1110.4	5.9	149.11	1.7879	1.233
	68.00	1110.5	6.0	149.09	1.7647	1.233
	70.00	1110.6	6.0	149.05	1.7429	1.233
	72.00	1110.8	6.2	149.06	1.7222	1.234
	74.00	1110.9	6.3	149.03	1.7027	1.234
	76.00	1110.9	6.4	148.99	1.6842	1.234
	78.00	1111.0	6.5	148.97	1.6667	1.234
	80.00	1111.2	6.6	148.96	1.6500	1.235
	82.00	1111.3	6.7	148.95	1.6341	1.235
	84.00	1111.3	6.7	148.92	1.6190	1.235
***** End Shut-in 2	86.00	1111.4	6.8	148.90	1.6047	1.235
***** Final Hydro.	314.00	2341.7	0.0	148.78		

15-199-20229-00-00

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

WELL NAME: Coker #30-1  
 LOCATION : 30-14S-40W, WALLACE CTY  
 TICKET No. 8071 D.S.T. No. 1 DATE 6-25-95  
 TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 30  
 INTERVAL TOOL .....  
 BOTTOM PACKERS AND ANCHOR ..... 119  
 TOTAL TOOL ..... 149  
 DRILL COLLAR ANCHOR IN INTERVAL .....  
 D.C. ANCHOR STND.Stands1 Single Total 92  
 D.P. ANCHOR STND.Stands Single Total  
 TOTAL ASSEMBLY ..... 119  
 D.C. ABOVE TOOLS.Stands3 Single Total 272  
 D.P. ABOVE TOOLS.Stands52 Single 1 Total 4819  
 TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 5268  
 TOTAL DEPTH ..... 5250  
 TOTAL DRILL PIPE ABOVE K.B. .... 18

REMARKS:

FLUID SAMPLER DATA

SAMPLER RECOVERY -  
 WATER 4000 ML, PRESSURE 120 PSI,  
 TOTAL 4000 ML  
 SAMPLER ANALYSIS -  
 RESIS .22 OHMS @ 70 F; CHLORIDES 32000 PPM  
 PIT MUD ANALYSIS -  
 CHLORIDES 5000 PPM, VIS 48, MUD WT 8.7,  
 FILTRATE 8.8, LCM 10#/BBL  
 PIPE RECOVERY -  
 TOP - RESIS .20 OHMS @ 80 F; CHLOR 30000 PPM  
 MID - RESIS .20 OHMS @ 80 F; CHLOR 30000 PPM  
 BOTTOM - RESIS .22 OHMS @ 70 F;  
 CHLORIDES 32000 PPM

P.O. SUB	
C.O. SUB	5097
S.I. TOOL	5102
Sampler	5107
HMV	5110
JARS	5115
SAFETY JOINT	5120
PACKER	5122
PACKER	5127
DEPTH 5131	
STUBB	5132
ANCHOR	
Elec. Rec. @	5133
21' Perf.	
AK-1 Mech. Rec.@	5149
92' Drill Collar	5152
T.C.	
DEPTH	
BULLNOSE	
T.D. 5' Perf.	5250

ORIGINAL