

9-34-18w

15-033-21693

Oil & Gas Inventory

ORIGINAL

**WELL NAME:** Cole #2  
**COMPANY:** Crawford Oil & Gas  
**LOCATION:** 9-34s-18w  
Comanche co Kansas  
**DATE:** 6/27/00

**RECEIVED**  
STATE CORPORATION COMMISSION

SEP 22 2000

CONSERVATION DIVISION  
Wichita, Kansas

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Crawford Oil & Gas DATE 6-17-2000  
 WELL NAME: Cole #2 KB 1880.00 ft TICKET NO: 12602 DST #1  
 LOCATION : 9-34s-18w Comanche co KS GR 1872.00 ft FORMATION: Mississippi  
 INTERVAL : 5286.00 To 5346.00 ft TD 5346.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	13278	13278	2357			PF Fr. 1355 to 1425 hr
SI 45	Range(Psi )	4400.0	4400.0	4995.0	0.0	0.0	IS Fr. 1425 to 1510 hr
SF 45	Clock(hrs)	12hr	12hr	12hr			SF Fr. 1510 to 1555 hr
FS 90	Depth(ft )	5343.0	5343.0	5287.0	0.0	0.0	FS Fr. 1555 to 1725 hr

	Field	1	2	3	4	
A. Init Hydro	2603.0	2611.0	2586.0	0.0	0.0	T STARTED 1117 hr
B. First Flow	110.0	105.0	33.0	0.0	0.0	T ON BOTM 1350 hr
B1. Final Flow	110.0	96.0	24.0	0.0	0.0	T OPEN 1355 hr
C. In Shut-in	121.0	109.0	67.0	0.0	0.0	T PULLED 1725 hr
D. Init Flow	110.0	91.0	23.0	0.0	0.0	T OUT 2045 hr
E. Final Flow	110.0	91.0	28.0	0.0	0.0	
F. Fl Shut-in	121.0	103.0	103.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2471.0	2472.0	2477.0	0.0	0.0	Tool Wt. 1800.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 25000.00 lbs
						Wt Pulled Loose 2000.00 lbs
						Initial Str Wt 55000.00 lbs
						Unseated Str Wt 54000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.78 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 30.00 ft
						D.P. Length 5247.00 ft

RECOVERY

Tot Fluid 50.00 ft of 30.00 ft in DC and 20.00 ft in DP  
 10.00 ft of Gas in pipe.  
 50.00 ft of Gas cut mud  
 0.00 ft of 2% gas 98% mud  
 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 built to fair 5" blow in 30 minutes.  
 Initial Shut-In:  
 No blow back.  
 Final Flow:  
 Weak 1 1/4" blow. Decreased to surface blow in 45 minutes.  
 Final Shut-In:  
 No blow back.

SAMPLES:  
 SENT TO:

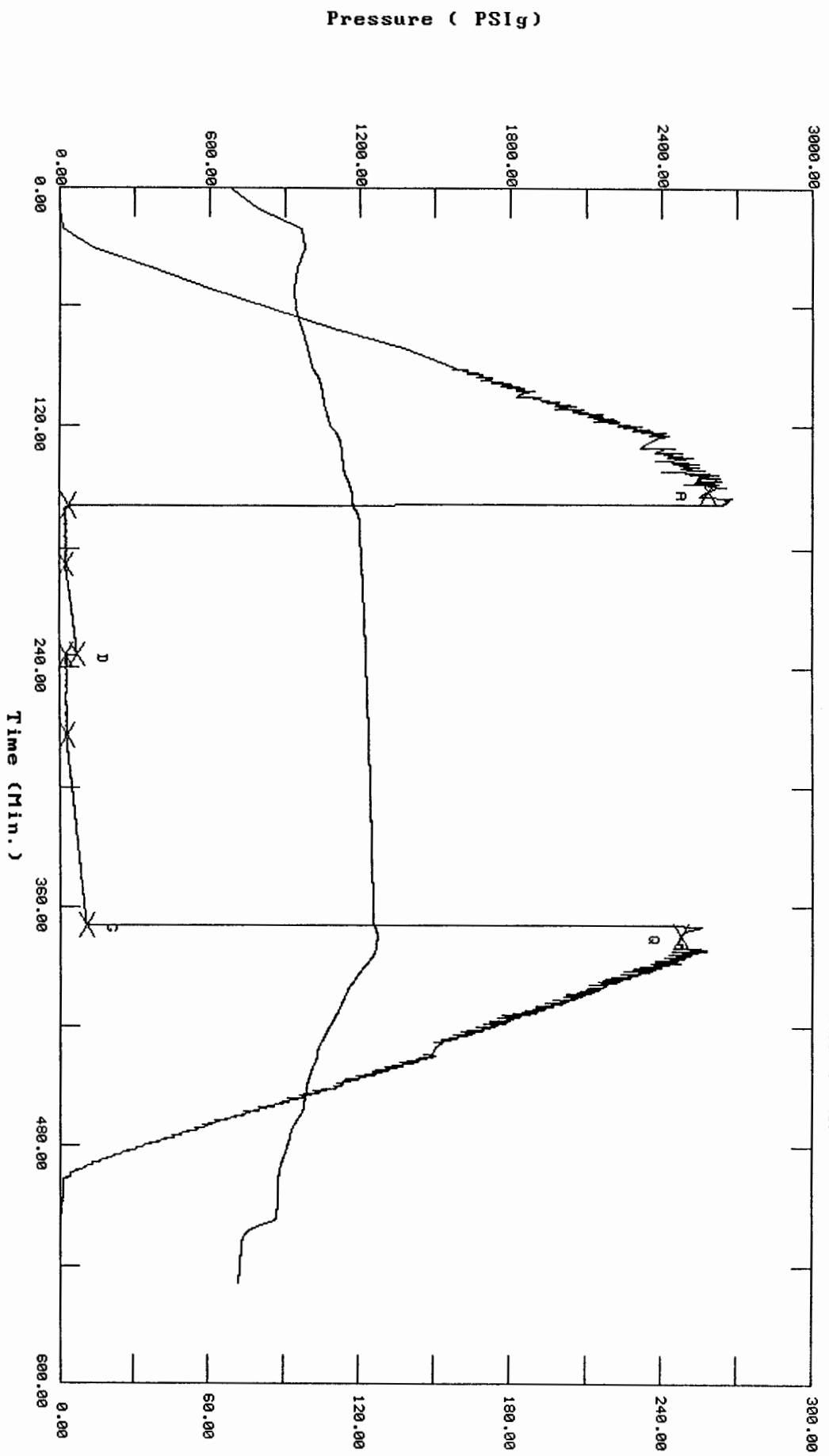
MUD DATA-----  
 Mud Type Chemical  
 Weight 9.20 lb/c  
 Vis. 53.00 S/L  
 W.L. 8.00 in3  
 F.C. 0.00 in  
 Mud Drop  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 1250.00 F  
 Hole Condition  
 % Porosity 0.00  
 Packer Size 6.75 in  
 No. of Packers 2  
 Cushion Amt. 0.00  
 Cushion Type  
 Reversed Out  
 Tool Chased  
 Tester Brad Bortz  
 Co. Rep. Jon Christensen  
 Contr. Duke  
 Rig # 1  
 Unit #  
 Pump T.

Test Successful: Y

TEST HISTORY  
 12602 DST #1 Cole #2 Crawford Oil & Gas

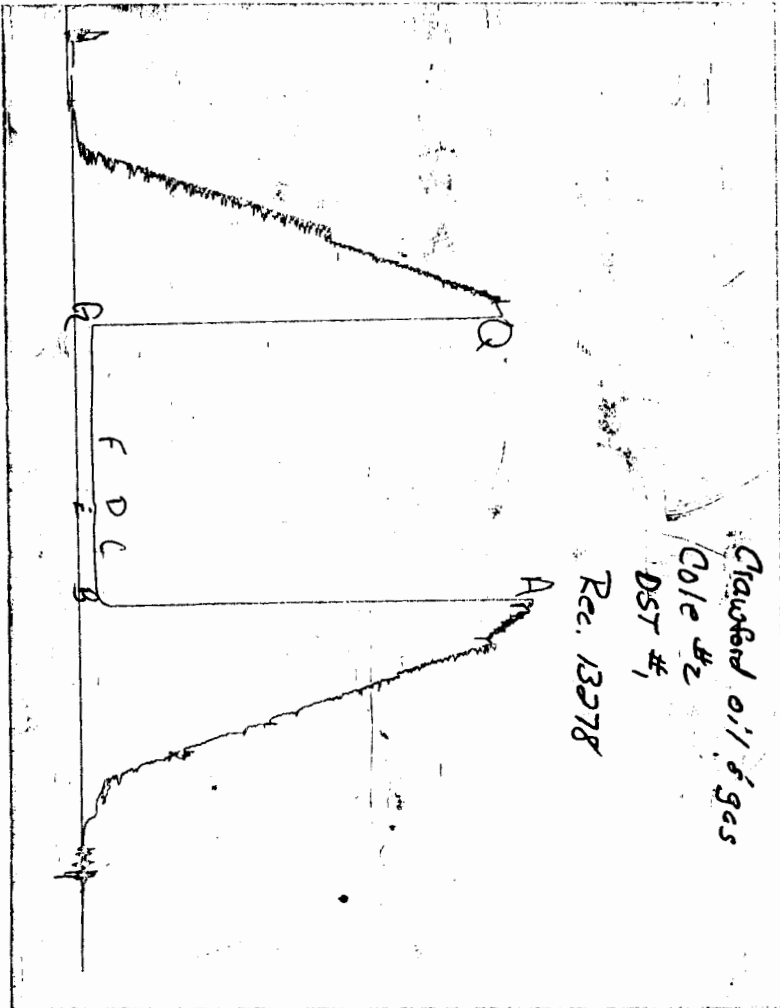
Flag Points

t (Min.)	P (PSig)
A: 0.00	2586.48
B: 0.00	33.59
C: 29.25	24.12
D: 45.75	67.52
E: 0.00	23.58
F: 48.50	28.98
G: 94.50	103.14
Q: 0.00	2477.19



Temperature (DEG F)

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

## Test Ticket

N<sup>o</sup> 12602

Well Name & No. Cole #2 Test No. 1 Date 6-17-2000  
 Company Crawford oil & Gas Zone Tested Mississippi  
 Address P.O. 51 Coldwater Ks, 67029 Elevation 1880 KB 1872 GL  
 Co. Rep / Geo. Jon Christensen Cont. Duke #1 Est. Ft. of Pay 12 Por. 12 %  
 Location: Sec. 9 Twp. 34S Rge. 18W Co. Comanche State Ks  
 No. of Copies R Distribution Sheet (Y, N) N Turnkey (Y, N) — Evaluation (Y, N) —

Interval Tested 5286 - 5346 Initial Str Wt./Lbs. 55,000 Unseated Str Wt./Lbs. 54,000  
 Anchor Length 60' tool 27 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 2,000  
 Top Packer Depth 5281 Tool Weight 1,800  
 Bottom Packer Depth 5286 Hole Size — 7 7/8" — Rubber Size — 6 3/4" —  
 Total Depth 5346 Wt. Pipe Run — Drill Collar Run 1 - single 30'  
 Mud Wt. 9.2 LCM 2<sup>nd</sup> Vis. 53 WL 8.0 Drill Pipe Size <sup>83 studs</sup> 4 1/2 XH Ft. Run 5247 18' up  
 Blow Description Weak blow built to Fair 5" Blow in 30min F.F.P.  
No Blow back F.S.T.P.  
Weak 1 1/4" blow decreased to surface Blow in 45min F.F.P.  
No Blow back F.S.T.P.

Recovery — Total Feet 50 GIP 10' Ft. in DC 30 Ft. in DP 20'  
 Rec. 50' Feet Of gas out mud 2 %gas %oil %water 98 %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 125° °F Gravity \_\_\_\_\_ °API D@ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides 8,600 ppm System

	AK-1	Alpine	PSI Recorder No.	T-On Location
(A) Initial Hydrostatic Mud	<u>2603</u>	<u>2586</u>	<u>2357</u>	<u>8:30 Am</u>
(B) First Initial Flow Pressure	<u>110</u>	<u>33</u>	(depth) <u>5287</u>	T-Started <u>11:17 Am</u>
(C) First Final Flow Pressure	<u>110</u>	<u>24</u>	PSI Recorder No. <u>13278</u>	T-Open <u>1:55 Pm</u>
(D) Initial Shut-In Pressure	<u>121</u>	<u>67</u>	(depth) <u>5343</u>	T-Pulled <u>5:25 Pm</u>
(E) Second Initial Flow Pressure	<u>110</u>	<u>23</u>	PSI Recorder No. <u>—</u>	T-Out <u>8:45 Pm</u>
(F) Second Final Flow Pressure	<u>110</u>	<u>28</u>	(depth) <u>—</u>	T-Off Location <u>9:45</u>
(G) Final Shut-in Pressure	<u>121</u>	<u>103</u>	PSI Initial Opening <u>30</u>	Test <input checked="" type="checkbox"/>
(Q) Final Hydrostatic Mud	<u>2471</u>	<u>2477</u>	PSI Initial Shut-in <u>45</u>	Jars <input checked="" type="checkbox"/>
			Final Flow <u>45</u>	Safety Joint <input checked="" type="checkbox"/>
			Final Shut-in <u>90</u>	Straddle _____

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Approved By [Signature]  
 Our Representative Brad Boy

Circ. Sub   
 Sampler \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Elec. Rec.   
 Mileage \_\_\_\_\_  
 Other \_\_\_\_\_  
 TOTAL PRICE \$ \_\_\_\_\_