

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License# : 32705  
Name: Raney Oil Company  
Address: 3425 Tam O'Shanter  
City/State/Zip: Lawrence, KS 66047  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Thomas M. Raney  
Phone: (785)749-0672  
Contractor: Name: Murfin Drilling Company, Inc.  
License: 30606  
Wellsite Geologist: Roger Welty

Designate Type of Completion:

<input checked="" type="checkbox"/> New Well	<input type="checkbox"/> Re-Entry	<input type="checkbox"/> Workover
<input type="checkbox"/> Oil	<input type="checkbox"/> SWD	<input type="checkbox"/> SIOW
<input type="checkbox"/> Gas	<input type="checkbox"/> ENHR	<input type="checkbox"/> SIGW
<input type="checkbox"/> Dry	<input type="checkbox"/> Temp. Abd.	
<input type="checkbox"/> Other (Core, WSW, Expl., Cathodic, etc.)		

If Workover/Re-entry: Old Well Info as follows:  
Operator: N/A  
Well Name: \_\_\_\_\_

Original Comp. Date: _____	Original Total Depth: _____
<input type="checkbox"/> Deepening	<input type="checkbox"/> Re-Perf.
<input type="checkbox"/> Plug Back	<input type="checkbox"/> Conv. to Enhr./SWD
<input type="checkbox"/> Commingled	Plug Back Total Depth _____
<input type="checkbox"/> Dual Completion	Docket No. _____
<input type="checkbox"/> Other (SWD of Enhr.?)	Docket No. _____

<u>11/04/00</u>	<u>11/11/00</u>	_____
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 195-22204-0000  
County: Trego  
E/2 - NE - SE - \_\_\_\_\_ Sec. 36 Twp. 13 S. R. 22  East  West

1837 feet from  S  N (circle one) Line of Section  
360 feet from  E  W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE  SE NW SW  
Lease Name: Weber Well #: 3

Field Name: Cedar View NE  
Producing Formation: Mississippian

Elevation: Ground: 2347 Kelly Bushing: 2352  
Total Depth: 4190 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 247 Feet

Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AP+A KJR 7/18/07  
(Date must be collected from the Reserve Pit)

Chloride content 28,000 ppm Fluid volume 950 bbls  
Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_

Quarter - - Sec. Twp. S R.  East  West  
County: \_\_\_\_\_ Docket: \_\_\_\_\_

**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, with 120 day of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of 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-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: [Signature]

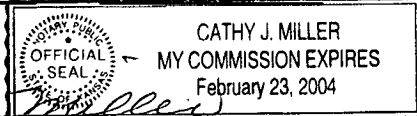
Title: President Date: 12/5/00

Subscribed and sworn to before me this 6<sup>th</sup> day of Dec

2000.

Notary Public Cathy J. Miller

Date Commission Expires: Feb 23, 2004



KCC Office Use ONLY

Letter of Confidentiality Attached  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received \_\_\_\_\_  
Geologist Report Received \_\_\_\_\_  
UIC Distribution \_\_\_\_\_

**Side Two**

Operator Name: Raney Oil Company Lease Name: Weber Well # 3

Sec. 36 Twp. 13 S R. 22  East  West County: Trego

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool opened 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach a copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Samples Set to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No  Electric Log Run (Submit Copy) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  List All E. Logs Run:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input type="checkbox"/> Log</td> <td style="width:70%;">Formation (Top), Depth and Datum</td> <td style="width:20%;"><input checked="" type="checkbox"/> Sample</td> </tr> <tr> <td></td> <td align="center"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:30%;">Name</th> <th style="width:30%;">Top</th> <th style="width:40%;">Datum</th> </tr> <tr> <td>ANH</td> <td align="center">1756</td> <td align="center">+599</td> </tr> <tr> <td>BANH</td> <td align="center">1806</td> <td align="center">+549</td> </tr> <tr> <td>Top</td> <td align="center">3438</td> <td align="center">-1083</td> </tr> <tr> <td>LKC</td> <td align="center">3704</td> <td align="center">-1359</td> </tr> <tr> <td>BKC</td> <td align="center">3962</td> <td align="center">-1607</td> </tr> <tr> <td>Chersh</td> <td align="center">4107</td> <td align="center">-1752</td> </tr> <tr> <td>Cong</td> <td align="center">4162</td> <td align="center">-1807</td> </tr> <tr> <td>TD</td> <td align="center">4190</td> <td></td> </tr> </table> </td> <td></td> </tr> </table>	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:30%;">Name</th> <th style="width:30%;">Top</th> <th style="width:40%;">Datum</th> </tr> <tr> <td>ANH</td> <td align="center">1756</td> <td align="center">+599</td> </tr> <tr> <td>BANH</td> <td align="center">1806</td> <td align="center">+549</td> </tr> <tr> <td>Top</td> <td align="center">3438</td> <td align="center">-1083</td> </tr> <tr> <td>LKC</td> <td align="center">3704</td> <td align="center">-1359</td> </tr> <tr> <td>BKC</td> <td align="center">3962</td> <td align="center">-1607</td> </tr> <tr> <td>Chersh</td> <td align="center">4107</td> <td align="center">-1752</td> </tr> <tr> <td>Cong</td> <td align="center">4162</td> <td align="center">-1807</td> </tr> <tr> <td>TD</td> <td align="center">4190</td> <td></td> </tr> </table>	Name	Top	Datum	ANH	1756	+599	BANH	1806	+549	Top	3438	-1083	LKC	3704	-1359	BKC	3962	-1607	Chersh	4107	-1752	Cong	4162	-1807	TD	4190		
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all string 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		247'	PozMix	235	3% cc. 2 % gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate	Top Bottom			
<input type="checkbox"/> Protect Casing		N/A		
<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 Enhr.			Producing 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

Deposition of Gas  Venting  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_

(If vented, Submit ACO-18.)  Other (Specify) \_\_\_\_\_

# ALLIED CEMENTING CO., INC.

# 4648 ORIGINAL

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

SERVICE POINT:

*Russell*

DATE <i>11-4-00</i>	SEC <i>36</i>	TWP <i>13</i>	RANGE <i>22</i>	CALLED OUT <i>2:00 PM</i>	ON LOCATION <i>11:00 AM</i>	JOB START	JOB FINISH <i>11:45 PM</i>
LEASE <i>Wetex</i>	WELL # <i>3</i>	LOCATION <i>Ogalla 755 264 N</i>			COUNTY <i>Rego</i>	STATE <i>KY</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *MURFIN Delg #16*

TYPE OF JOB *SURFACE*

HOLE SIZE *12 1/2* T.D.

CASING SIZE *8 3/4* DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15*

PERFS.

DISPLACEMENT *14 3/4*

EQUIPMENT

PUMP TRUCK CEMENTER *Bill*

# *153* HELPER *Paul*

BULK TRUCK DRIVER *Jason*

# DRIVER

OWNER

CEMENT AMOUNT ORDERED

*160 lb 60/40 3-2*

COMMON <i>96</i>	@	<i>6.35</i>	<i>609.60</i>
POZMIX <i>64</i>	@	<i>3.25</i>	<i>208.00</i>
GEL <i>3</i>	@	<i>9.50</i>	<i>28.50</i>
CHLORIDE <i>6</i>	@	<i>28.00</i>	<i>168.00</i>
	@		
	@		
	@		
	@		
	@		
	@		
HANDLING <i>169</i>	@	<i>1.05</i>	<i>177.45</i>
MILEAGE <i>44 SK/mile</i>			<i>229.84</i>
TOTAL			<i>1421.39</i>

### REMARKS:

*Surface n/c 247*

*Cement w/ 160 lbw 60/40*

*pump plug w/ 14 3/4 bbls*

*Cement did circ.*

### SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		<i>470.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>34</i>	@	<i>3.00</i>
PLUG <i>1-8 3/4 wood</i>	@	<i>45.00</i>
	@	
	@	
TOTAL		<i>617.00</i>

CHARGE TO: *Randy 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 *Bill Wynn*

*Bill Wynn*  
PRINTED NAME

# ALLIED CEMENTING CO., INC. 4703

ORIGINAL

SERVICE POINT: R

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

DATE <u>11/12/00</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>9:30 AM</u>	JOB START	JOB FINISH <u>11:45 AM</u>
LEASE <u>Weber</u>	WELL # <u>3</u>	LOCATION <u>Ogallah S to Curve</u>			COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)				<u>RE 1/2 W WIND</u>			

CONTRACTOR Murf. #110

TYPE OF JOB Rotary Plug

HOLE SIZE 7 1/8" T.D. 4190'

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

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

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

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

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

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 200 100/40 100/70 C&I  
1/4# Flossal

COMMON	<u>120</u>	@	<u>6.35</u>	<u>762.00</u>
POZMIX	<u>80</u>	@	<u>3.25</u>	<u>260.00</u>
GEL	<u>10</u>	@	<u>9.50</u>	<u>95.00</u>
CHLORIDE		@		
<u>Flossal</u>	<u>50#</u>	@	<u>1.15</u>	<u>57.50</u>
		@		
		@		
		@		
		@		
HANDLING	<u>2.16</u>	@	<u>1.05</u>	<u>220.00</u>
MILEAGE	<u>44.5K</u>	/MILE		<u>319.00</u>
TOTAL				<u>1714.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Paul

# 153 HELPER Jason

BULK TRUCK

# 282 DRIVER Alan

BULK TRUCK

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

REMARKS:

<u>1500'</u>	<u>12.5%</u>
<u>975'</u>	<u>10.5%</u>
<u>300'</u>	<u>4.0%</u>
<u>40'</u>	<u>1.0%</u>
<u>RH</u>	<u>15.5%</u>
<u>MH</u>	<u>12.5%</u>

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>470.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>38</u>	@	<u>3.00</u>
PLUG <u>Dry hole</u>		@	<u>23.00</u>
		@	
		@	
TOTAL <u>607.00</u>			

CHARGE TO: Randy D. I.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

ORIGINAL

API # 15-195-22204-0000

**WELL NAME**

Weber #3

**COMPANY**

Raney Oil Co., LLC

**LOCATION**

30-13s-22w

Trego co Kansas

**DATE**

11/13/00

**RECEIVED**  
STATE CORPORATION COMMISSION

DEC 11 2000

CONSERVATION DIVISION  
Wichita, Kansas

TRILOBITE TESTING L.L.C.

ORIGINAL

OPERATOR : Raney Oil Company, LLC  
 WELL NAME: Weber #3  
 LOCATION : 30-13s-22w Trego co KS  
 INTERVAL : 4091.00 To 4156.00 ft

DATE 11-10-00  
 KB 2352.00 ft TICKET NO: 13805 DST #1  
 GR 2347.00 ft FORMATION: Cherokee  
 TD 4156.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	11084	11084				PF Fr. 1415 to 1445 hr
SI 45 Range(Psi )	4300.0	4300.0	0.0	0.0	0.0	IS Fr. 1445 to 1530 hr
SF 30 Clock(hrs)	12	12				SF Fr. 1530 to 1600 hr
FS 45 Depth(ft )	4096.0	4096.0	0.0	0.0	0.0	FS Fr. 1600 to 1645 hr

	Field	1	2	3	4	
A. Init Hydro	2026.0	2023.0	0.0	0.0	0.0	T STARTED 1255 hr
B. First Flow	121.0	128.0	0.0	0.0	0.0	T ON BOTM 1410 hr
B1. Final Flow	362.0	367.0	0.0	0.0	0.0	T OPEN 1415 hr
C. In Shut-in	981.0	982.0	0.0	0.0	0.0	T PULLED 1645 hr
D. Init Flow	406.0	413.0	0.0	0.0	0.0	T OUT 1915 hr
E. Final Flow	515.0	530.0	0.0	0.0	0.0	
F. Fl Shut-in	971.0	967.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	1994.0	2004.0	0.0	0.0	0.0	Tool Wt. 2900.00 lbs
Inside/Outside	I	I				Wt Set On Packer 20000.00 lbs

RECOVERY

Tot Fluid 1240.00 ft of 181.00 ft in DC and 1059.00 ft in DP  
 1.00 ft of Clean oil  
 400.00 ft of Slightly oil & mud cut water  
 0.00 ft of 5% oil 75% water 20% mud  
 500.00 ft of Slightly oily & muddy water  
 0.00 ft of 3% oil 90% water 7% mud  
 339.00 ft of Salt water  
 0.00 ft of 100% water  
 SALINITY 57000.00 P.P.M. A.P.I. Gravity 0.00

Wt Pulled Loose	90000.00 lbs
Initial Str Wt	60000.00 lbs
Unseated Str Wt	64000.00 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	181.00 ft
D.P. Length	3909.00 ft

BLOW DESCRIPTION

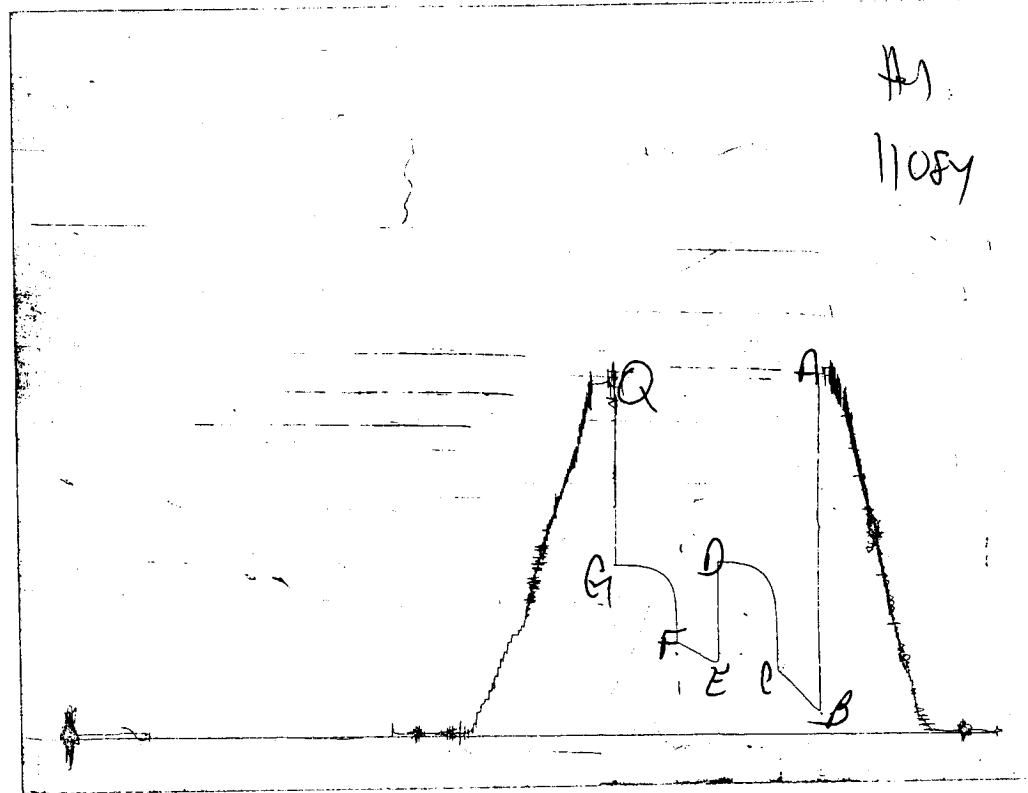
Initial Flow:  
 Surface blow building to bottom of bucket in 3 minutes.  
 Initial Shut-In:  
 No blow.  
 Final Flow:  
 Blow built to bottom of bucket in 8 minutes.  
 Final Shut-In:  
 No blow.

MUD DATA-----	
Mud Type	Chemical
Weight	9.30 lb/c
Vis.	43.00 S/L
W.L.	8.80 in3
F.C.	0.00 in
Mud Drop	
Amt. of fill	0.00 ft
Btm. H. Temp.	124.00 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	Paul Simpson
Co. Rep.	Ron Nelson
Contr.	Murfin
Rig #	16
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<sup>o</sup> 13805

## Test Ticket

Well Name & No. <u>Weber #3</u>	Test No. <u>1</u>	Date <u>11-10-00</u>
Company <u>Kearney Oil Company LLC</u>	Zone Tested <u>Cherokee</u>	
Address <u>3425 Tom O' Shaker Lawrence KS 66047</u>	Elevation <u>2352</u>	KB <u>2347</u> GL
Co. Rep / Geo. <u>Ron Nelson</u>	Cont. <u>Murfin B</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>30</u>	Twp. <u>13s</u>	Rge. <u>22w</u> Co. <u>Trego</u> State <u>K</u>
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4091 - 4156</u>	Initial Str Wt./Lbs. <u>60,000</u>	Unseated Str Wt./Lbs. <u>64,000</u>
Anchor Length <u>65</u>	Wt. Set Lbs. <u>20,000</u>	Wt. Pulled Loose/Lbs. <u>90,000</u>
Top Packer Depth <u>4086</u>	Tool Weight <u>2900</u>	
Bottom Packer Depth <u>4091</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>4156</u>	Wt. Pipe Run _____	Drill Collar Run <u>181</u>
Mud Wt. <u>9.3</u> LCM _____ Vis. <u>43</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2 x 11</u>	Ft. Run <u>3909</u>
Blow Description <u>surface blow building to bottom of bucket in 3 minutes IST - no blow</u>		
<u>FF blow built to bottom of bucket in 8 minutes</u>		
<u>FST - no blow</u>		

Recovery — Total Feet <u>1240</u>	GIP _____	Ft. in DC <u>181</u>	Ft. in DP <u>1059</u>
Rec. <u>1</u> Feet Of <u>clean oil</u>	%gas _____ %oil _____ %water _____ %mud _____		
Rec. <u>400</u> Feet Of <u>slot + mud</u>	%gas <u>5</u> %oil <u>75</u> %water <u>20</u> %mud _____		
Rec. <u>500</u> Feet Of <u>OSW</u>	%gas <u>3</u> %oil <u>90</u> %water <u>7</u> %mud _____		
Rec. <u>339</u> Feet Of <u>self water</u>	%gas _____ %oil _____ %water _____ %mud _____		
BHT <u>124</u> °F Gravity _____ °API D@ _____ °F Corrected Gravity _____ °API			
RW <u>113</u> @ <u>74</u> °F Chlorides <u>57,000</u> ppm Recovery Chlorides <u>2000</u> ppm System			

	AK-1	Alpine		
(A) Initial Hydrostatic Mud <u>2026</u>			PSI Recorder No. <u>11084</u>	T-On Location <u>1130</u>
(B) First Initial Flow Pressure <u>121</u>			PSI (depth) <u>4096</u>	T-Started <u>1255</u>
(C) First Final Flow Pressure <u>362</u>			PSI Recorder No. <u>24174</u>	T-Open <u>1415</u>
(D) Initial Shut-In Pressure <u>981</u>			PSI (depth) <u>4153</u>	T-Pulled <u>1645</u>
(E) Second Initial Flow Pressure <u>406</u>			PSI Recorder No. _____	T-Out <u>1915</u>
(F) Second Final Flow Pressure <u>515</u>			PSI (depth) _____	T-Off Location <u>2000</u>
(G) Final Shut-in Pressure <u>971</u>			PSI Initial Opening <u>30</u>	Test _____
(Q) Final Hydrostatic Mud <u>1994</u>			PSI Initial Shut-in <u>45</u>	Jars _____
			Final Flow <u>30</u>	Safety Joint _____
			Final Shut-in <u>45</u>	Straddle _____

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Approved By <u>[Signature]</u>	Mileage <u>26 miles</u>
Our Representative <u>Paul Simpson</u>	Other _____
	TOTAL PRICE \$ _____



TRILOBITE TESTING L.L.C.

OPERATOR : Raney Oil Co., LLC  
 WELL NAME: Weber #3  
 LOCATION : 30-13s-22w Trego co KS  
 INTERVAL : 4166.00 To 4172.00 ft

DATE 11-11-00  
 KB 2352.00 ft TICKET NO: 13806 DST #2  
 GR 2347.00 ft FORMATION: Conglomerate  
 TD 4172.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	24174					PF Fr. 0515 to 0545 hr
SI 45 Range(Psi )	3925.0	0.0	0.0	0.0	0.0	IS Fr. 0545 to 0630 hr
SF 30 Clock(hrs)	12					SF Fr. 0630 to 0700 hr
FS 0 Depth(ft )	4169.0	0.0	0.0	0.0	0.0	FS Fr. to hr

	Field	1	2	3	4	
A. Init Hydro	0.0	0.0	0.0	0.0	0.0	T STARTED 0330 hr
B. First Flow	0.0	0.0	0.0	0.0	0.0	T ON BOTM 0510 hr
Bl. Final Flow	0.0	0.0	0.0	0.0	0.0	T OPEN 0515 hr
C. In Shut-in	0.0	0.0	0.0	0.0	0.0	T PULLED 0700 hr
D. Init Flow	0.0	0.0	0.0	0.0	0.0	T OUT 0845 hr
E. Final Flow	0.0	0.0	0.0	0.0	0.0	
F. Fl Shut-in	0.0	0.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	0.0	0.0	0.0	0.0	0.0	Tool Wt. 2400.00 lbs
Inside/Outside						Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 0.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 0.00 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 151.00 ft
						D.P. Length 3970.00 ft

RECOVERY

Tot Fluid 1.00 ft of 0.00 ft in DC and 0.00 ft in DP  
 1.00 ft of 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

Tool slid 4' when opened. Weak 1/2" blow

Final Flow:

Weak surface blow Flushed tool- no help.

MISRUN- PLUGGED TOOL

SAMPLES:

SENT TO:

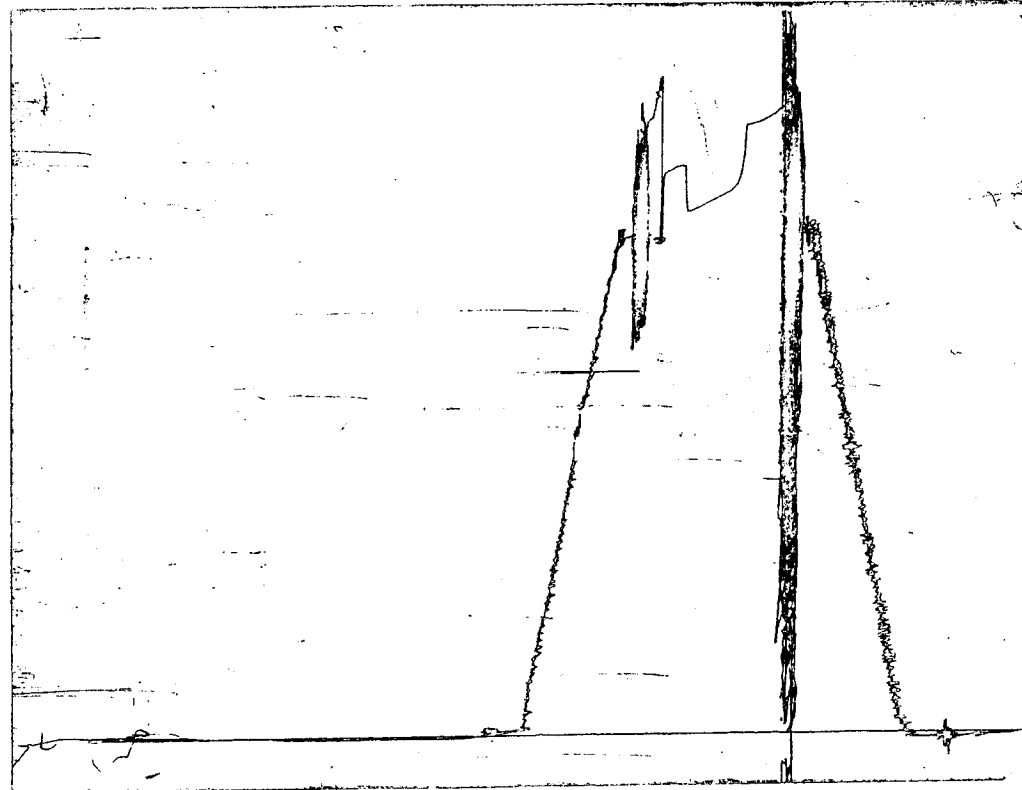
MUD DATA-----

Mud Type	Chemical
Weight	9.30 lb/c
Vis.	42.00 S/L
W.L.	0.00 in3
F.C.	0.00 in
Mud Drop	

Amt. of fill	0.00 ft
Btm. H. Temp.	0.00 F
Hole Condition	
% Porosity	0.00
Packer Size	6.75 in
No. of Packers	2
Cushion Amt.	0.00
Cushion Type	
Reversed Out	
Tool Chased	
Tester	Paul Simpson
Co. Rep.	Ron Nelson
Contr.	Murfin
Rig #	16
Unit #	
Pump T.	

Test Successful: N

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 13806

## Test Ticket

Well Name & No. <u>Weber #3</u>	Test No. <u>2</u>	Date <u>11-11-00</u>
Company <u>Roney Oil Co, LLC</u>	Zone Tested <u>Cons Lower-ke</u>	
Address _____	Elevation _____	KB _____ GL _____
Co. Rep / Geo. <u>Ron Nelson</u>	Cont. <u>Mudm 16</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. _____ Twp. _____	Rge. _____	Co. _____ State _____
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4166-4172</u>	Initial Str Wt./Lbs. <u>60,000</u>	Unseated Str Wt./Lbs. _____
Anchor Length <u>6</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. _____
Top Packer Depth <u>4161</u>	Tool Weight <u>2,400</u>	
Bottom Packer Depth <u>4166</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>4172</u>	Wt. Pipe Run _____	Drill Collar Run <u>151</u>
Mud Wt. <u>9.3</u> LCM Vis. <u>42</u> WL _____	Drill Pipe Size <u>4 1/2" V4H</u>	Ft. Run <u>3920</u>
Blow Description <u>(good slid 41 when opening)</u>	<u>Weak 1/2" blow</u>	
<u>FS - weak surface blow - flush tool - no help</u>		

Mud run - plugged tool

Recovery — Total Feet <u>1</u>	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. _____ Feet Of <u>Mud</u>	%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 _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____

BHT \_\_\_\_\_ °F Gravity \_\_\_\_\_ °API D@ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery Chlorides \_\_\_\_\_ ppm System

(A) Initial Hydrostatic Mud _____	PSI Recorder No. <u>24174</u>	T-On Location <u>0230</u>
(B) First Initial Flow Pressure _____	PSI (depth) <u>4169</u>	T-Started <u>0330</u>
(C) First Final Flow Pressure _____	PSI Recorder No. <u>—</u>	T-Open <u>0515</u>
(D) Initial Shut-In Pressure _____	PSI (depth) <u>—</u>	T-Pulled <u>0700</u>
(E) Second Initial Flow Pressure _____	PSI Recorder No. _____	T-Out <u>0845</u>
(F) Second Final Flow Pressure _____	PSI (depth) _____	T-Off Location <u>0910</u>
(G) Final Shut-in Pressure _____	PSI Initial Opening <u>30</u>	Test _____
(Q) Final Hydrostatic Mud _____	PSI Initial Shut-in <u>45</u>	Jars _____

Final Flow <u>30</u>	Safety Joint _____
Final Shut-in <u>—</u>	Straddle _____
	Circ. Sub _____
	Sampler _____
	Extra Packer _____
	Elec. Rec. _____
Approved By <u>Paul Simpson</u>	Mileage <u>16 mi</u>
Our Representative _____	Other _____
	TOTAL PRICE \$ _____

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TRILOBITE TESTING L.L.C.

OPERATOR : Raney Oil Co., Inc.  
 WELL NAME: Weber #3  
 LOCATION : 30-13s-22w Trego co KS  
 INTERVAL : 4166.00 To 4190.00 ft

DATE 11-11-00  
 KB 2352.00 ft TICKET NO: 13807 DST #3  
 GR 2347.00 ft FORMATION: Conglomerate  
 TD 4190.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2	3	4	TIME DATA-----
PF 30	Rec.	11084	11084				PF Fr. 2145 to 2215 hr
SI 30	Range(Psi )	4300.0	4300.0	0.0	0.0	0.0	IS Fr. 2215 to 2245 hr
SF 30	Clock(hrs)	12	12				SF Fr. 2245 to 2315 hr
FS 30	Depth(ft )	4172.0	4172.0	0.0	0.0	0.0	FS Fr. 2315 to 2345 hr

	Field	1	2	3	4	
A. Init Hydro	2026.0	2008.0	0.0	0.0	0.0	T STARTED 2000 hr
B. First Flow	11.0	14.0	0.0	0.0	0.0	T ON BOTM 2140 hr
B1. Final Flow	11.0	15.0	0.0	0.0	0.0	T OPEN 2145 hr
C. In Shut-in	960.0	956.0	0.0	0.0	0.0	T PULLED 2345 hr
D. Init Flow	11.0	25.0	0.0	0.0	0.0	T OUT 0120 hr
E. Final Flow	11.0	25.0	0.0	0.0	0.0	
F. Fl Shut-in	927.0	926.0	0.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2015.0	1975.0	0.0	0.0	0.0	Tool Wt. 2400.00 lbs
Inside/Outside	I	I				Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 62000.00 lbs
						Initial Str Wt 60000.00 lbs
						Unseated Str Wt 60000.00 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 181.00 ft
						D.P. Length 3988.00 ft

RECOVERY

Tot Fluid 20.00 ft of 0.00 ft in DC and 20.00 ft in DP  
 20.00 ft of Mud w/ oil spots in tool  
 0.00 ft of 100% 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 1" blow building to 1 1/4"  
 Final Flow:  
 Surface blow.

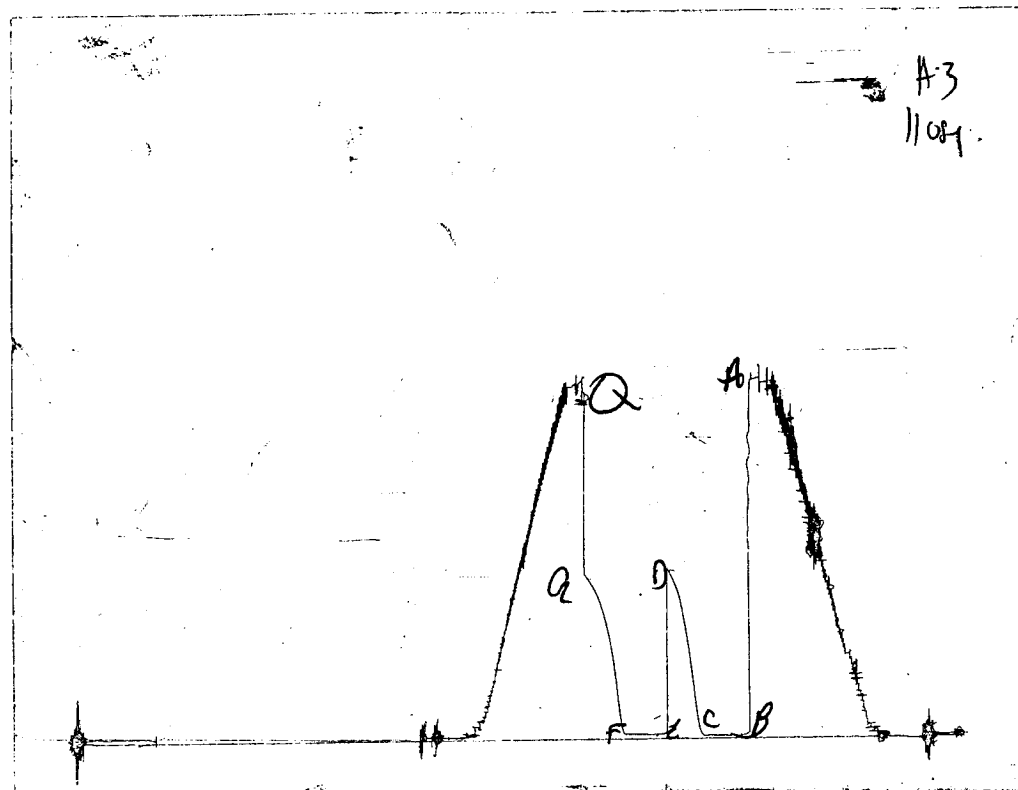
MUD DATA-----  
 Mud Type Chemical  
 Weight 9.20 lb/ci  
 Vis. 49.00 S/L  
 W.L. 9.60 in3  
 F.C. 0.00 in  
 Mud Drop

Amt. of fill 0.00 ft  
 Btm. H. Temp. 122.00 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 Paul Simpson  
 Co. Rep. Ron Nelson  
 Contr. Murfin  
 Rig # 16  
 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<sup>o</sup> 13807

## Test Ticket

Well Name & No. <u>Wells #3</u>	Test No. <u>3</u>	Date <u>11-11-00</u>
Company <u>Raney Oil Co. LLC</u>	Zone Tested <u>Comp</u>	
Address _____	Elevation _____	KB _____ GL _____
Co. Rep / Geo. <u>Ron Nelson</u>	Cont. <u>Murphy #16</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. _____	Twp. _____	Rge. _____ Co. _____ State _____
No. of Copies _____	Distribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>4166-4190</u>	Initial Str Wt./Lbs. <u>60,000</u>	Unseated Str Wt./Lbs. <u>60,000</u>
Anchor Length <u>24</u>	Wt. Set Lbs. <u>30,000</u>	Wt. Pulled Loose/Lbs. <u>62,000</u>
Top Packer Depth <u>4161</u>	Tool Weight <u>2400</u>	
Bottom Packer Depth <u>4166</u>	Hole Size — <u>7 7/8"</u>	Rubber Size — <u>6 3/4"</u>
Total Depth <u>4190</u>	Wt. Pipe Run _____	Drill Collar Run _____
Mud Wt. <u>9.2</u> LCM _____ Vis. <u>49</u> WL <u>916</u>	Drill Pipe Size <u>4 1/2 x 11</u>	Ft. Run _____
Blow Description <u>weak 1" blow building to 1 1/4"</u>		

FS - surface blow

Recovery — Total Feet <u>20</u>	GIP _____	Ft. in DC _____	Ft. in DP <u>20</u>
Rec. <u>20</u> Feet Of <u>mud / oil spots in tool</u>	%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 _____
Rec. _____ Feet Of _____	%gas _____	%oil _____	%water _____ %mud _____
BHT <u>122</u> °F Gravity _____	°API D@ _____	°F Corrected Gravity _____	°API _____
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides _____ ppm System _____

(A) Initial Hydrostatic Mud <u>2026</u>	AK-1 _____	Alpine _____	PSI Recorder No. <u>11084</u>	T-On Location <u>1830</u>
(B) First Initial Flow Pressure <u>11</u>			PSI (depth) <u>4172</u>	T-Started <u>2000</u>
(C) First Final Flow Pressure <u>11</u>			PSI Recorder No. <u>24174</u>	T-Open <u>2145</u>
(D) Initial Shut-In Pressure <u>960</u>			PSI (depth) <u>4187</u>	T-Pulled <u>2345</u>
(E) Second Initial Flow Pressure <u>11</u>			PSI Recorder No. _____	T-Out <u>0120</u>
(F) Second Final Flow Pressure <u>11</u>			PSI (depth) _____	T-Off Location _____
(G) Final Shut-in Pressure <u>927</u>			PSI Initial Opening <u>30</u>	Test _____
(Q) Final Hydrostatic Mud <u>2015</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 <u>26</u>
				Other _____
				TOTAL PRICE \$ _____

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Approved By \_\_\_\_\_

Our Representative Paul Simpson