



TEST REPORT

(303) 473-6909
P.O. Box 2260
Colorado Springs, CO 80901

Company A. Scott Ritchie Test Ticket No. 1712
Date 12/17/81
Company Address 125 N. Market, Wichita, KS No. of Charts 5
Location: Sec. 2 Twp. 12S Rge. 22W Co. Trego State KS
Well Name And Number LaRue #1 Tester Bud O'Dell
Contractor Murfin Drlg. Rig No. 16 Co. Rep. Galen Babcock

Formation Lansing Zone _____ Type of Test Conventional

DST# 1 Interval 3,647 To 3,709 Total Depth 3,709
Open 30 12:45 Shut In 45 Open 30 Shut In 45
Packer(s) Set 12:43 ^{XXXX} P.M. Started off Bottom 3:15 ^{XXXX} P.M.
Blow 1st Open: Weak blow to 1-1/2" in bucket.
2nd Open: Fair blow to 5" in bucket.

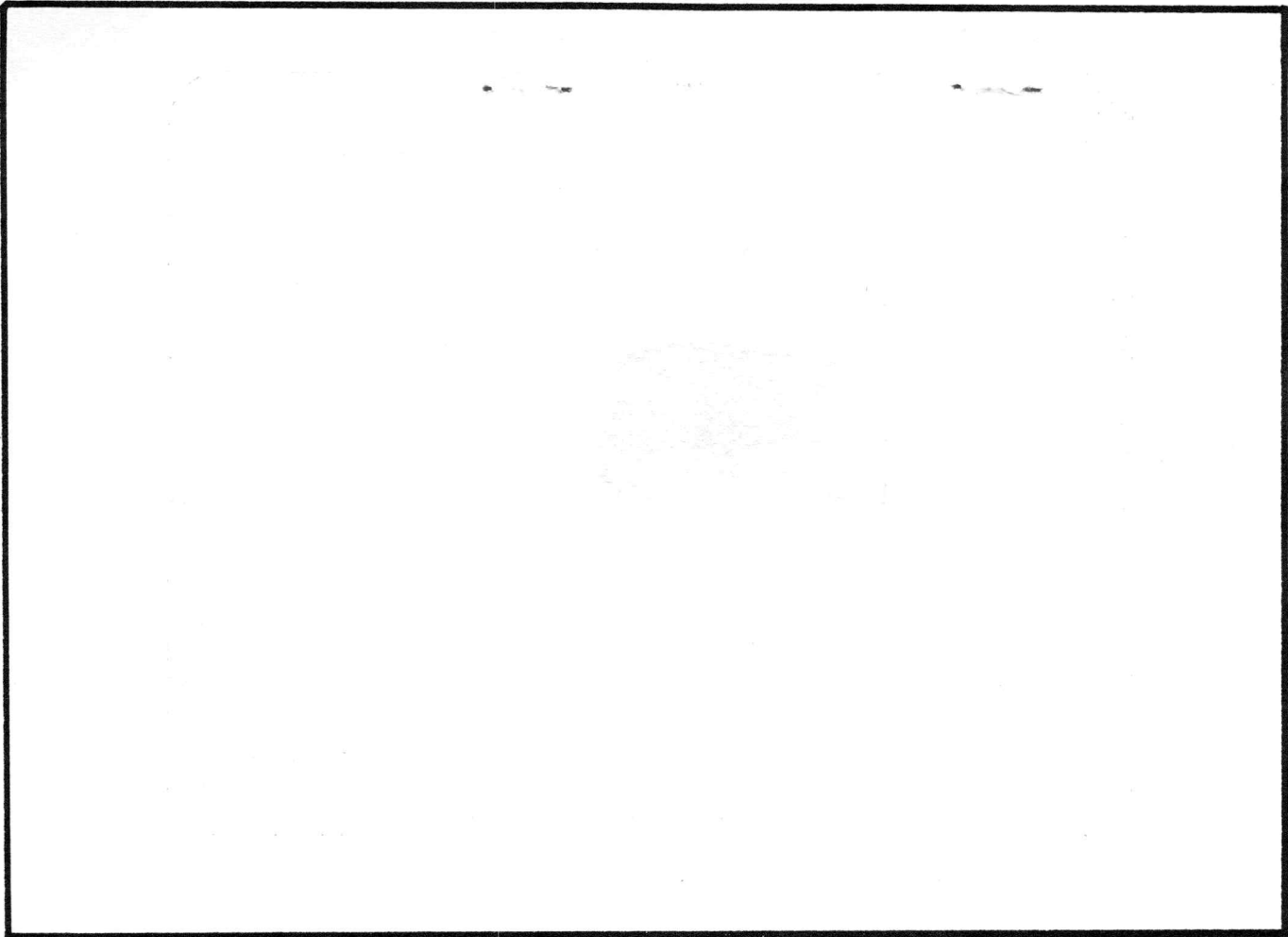
Recovery Total Feet 75
Recovered 75 Ft. of Heavy, oil-cut mud
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Gravity (Oil) _____ Corrected To Temp. _____ Water Chlorides _____

WELL FILE
DO NOT REMOVE

Pressures & Temp. Initial Hydrostatic Pressure 1,918 Final Hydrostatic Pressure 1,896
Initial Closed In Pressure 1,034 Final Closed In Pressure 926
Initial Flow Pressure 66 To 66 Final Flow Pressure 87 To 87
Test Area Temperature 110
(Office Reading if Applicable)

Engineering Date Elevation 2,368 K.B. (Est.)
Mud Viscosity 40 Mud Weight 9.5 Water Loss 10.2
Chlorides 36,000 P.P.M. Type of Mud Starch Anchor Length 62'
Hole Size 7-7/8 Casing Size 8-5/8 Surface Choke 3/4 Bottom Choke 3/4
Drill Pipe Length 3,047 I.D. 3.8 In. Weight Pipe Length 600 I.D. 2.76 In.
Drill Collar Length _____ I.D. _____ In.
Top Packer Depth. _____ Bottom Packer Depth. 3,647 Packer Size 6-3/4 x 30
Test Tool Size 5-1/2 In. Tool Joint Size 4-1/2 FH In.
Did Well Flow No Reversed Out No
Recorder Type and No. AK-1 11084 Clock Range No. 22337 12 Hr.
Recorder Type and No. AK-1 10995 Clock Range No. 23838 12 Hr.
Extra Equipment None.
Remarks Single, conventional packer used.

Open Hole Test. Thank You.
Price of Job \$660.00



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1,918	1,913	PSI
(B) First Initial Flow Pressure	66	70	PSI
(C) First Final Flow Pressure	66	70	PSI
(D) Initial Closed-in Pressure	1,034	1,023	PSI
(E) Second Initial Flow Pressure	87	85	PSI
(F) Second Final Flow Pressure	87	85	PSI
(G) Final Closed-in Pressure	926	926	PSI
(H) Final Hydrostatic Mud	1,896	1,864	PSI

CRUDE OIL TESTING COMPANY

P.O. Box 2260
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(303) 473-6909

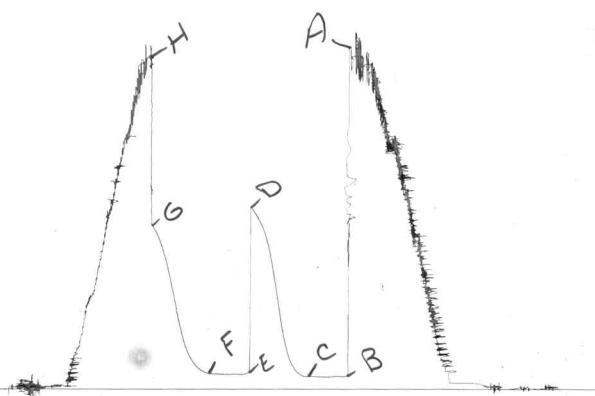
Date 12/17/81 Test Ticket No. 1712
Recorder No. Kuster AK-1 11084 Capacity 4,300 PSI Location 3,699 Ft.
Clock No. 22337 Elevation 2,368 K.B. (Est.) Well Temperature 110 °F

Point	Pressure		Field Time	Time Computed
A Initial Hydrostatic Mud	1,913 P.S.I.	Open Tool	12:45 P.M.	
B First Initial Flow Pressure	70 P.S.I.	First Flow Pressure	30 Mins.	
C First Final Flow Pressure	70 P.S.I.	Initial Closed-in Pressure	45 Mins.	43 Mins.
D Initial Closed-in Pressure	1,023 P.S.I.	Second Flow Pressure	30 Mins.	
E Second Initial Flow Pressure	85 P.S.I.	Final Closed-in Pressure	45 Mins.	44 Mins.
F Second Final Flow Pressure	85 P.S.I.			
G Final Closed-in Pressure	926 P.S.I.			
H Final Hydrostatic Mud	1,864 P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of	5 mins.	and a	final inc. of	Min.			
	of	5 mins.	and a	final inc. of	3 Min.			
	of	5 mins.	and a	final inc. of	Min.			
	of	5 mins.	and a	final inc. of	4 Min.			
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1 0	70	0	70	0	85	0	85	
P 2 5	70	5	83	5	85	5	98	
P 3 10	70	10	122	10	85	10	131	
P 4 15	70	15	219	15	85	15	182	
P 5 20	70	20	381	20	85	20	287	
P 6 25	70	25	627	25	85	25	438	
P 7 30	70	30	831	30	85	30	623	
P 8		35	935			35	774	
P 9		40	1,006			40	878	
P10		43	1,023			44	926	
P11								
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								

11084
TOD
#1712
DST #1





TEST REPORT

(303) 473-6909
P.O. Box 2260
Colorado Springs, CO 80901

Test Ticket No. 1713
Company A. Scott Ritchie Date 12/18/81
Company Address 125 N. Market, Wichita, KS No. of Charts 5
Location: Sec. 2 Twp. 12S Rge. 22W Co. Trego State KS
Well Name And Number LaRue #1 Tester Troy Leiker
Contractor Murfin Drlg Rig No. 16 Co. Rep. Galen Babcock

Formation _____ Zone _____ Type of Test Conventional

DST# 2 Interval 3,705 To 3,742 Total Depth 3,742
Open _____ Shut In _____ Open _____ Shut In _____
Packer(s) Set _____ A.M. Started off Bottom _____ A.M.
Blow _____ P.M.

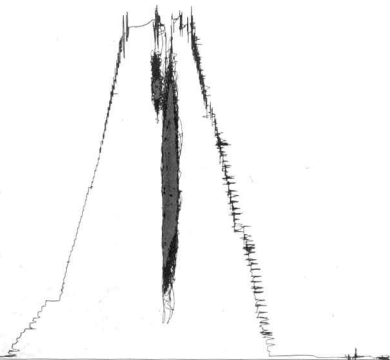
Recovery Total Feet 1,050
Recovered 1,050 Ft. of Rotary mud
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Gravity (Oil) _____ Corrected To Temp. _____ Water Chlorides _____

**WELL FILE
DO NOT REMOVE**

Pressures & Temp. Initial Hydrostatic Pressure _____ Final Hydrostatic Pressure _____
Initial Closed In Pressure _____ Final Closed In Pressure _____
Initial Flow Pressure _____ To _____ Final Flow Pressure _____ To _____
Test Area Temperature _____
(Office Reading if Applicable)

Engineering Date Elevation 2,368 K.B. (Est.)
Mud Viscosity 40 Mud Weight 9.5 Water Loss 10.2
Chlorides 36,000 P.P.M. Type of Mud Starch Anchor Length 37'
Hole Size 7-7/8 Casing Size 8-5/8 Surface Choke 3/4 Bottom Choke 3/4
Drill Pipe Length 2,834 I.D. 3.8 In. Weight Pipe Length 635 I.D. 2.76 In.
Drill Collar Length _____ I.D. _____ In.
Top Packer Depth. _____ Bottom Packer Depth. 3,705 Packer Size 6-3/4
Test Tool Size 5-1/2 In. Tool Joint Size 4-1/2 FH In.
Did Well Flow _____ No _____ Reversed Out _____ No _____
Recorder Type and No. AK-1 11084 Clock Range No. 22337 12 Hr.
Recorder Type and No. AK-1 10995 Clock Range No. 23838 12 Hr.
Extra Equipment None.
Remarks Single, conventional packer used.
Packer Failure.
Open Hole Test. Mis-Run. Thank You.
Price of Job \$350.00

DST #2
11084
TOP
1713





TEST REPORT

(303) 473-6909
P.O. Box 2260
Colorado Springs, CO 80901

Company A. Scott Ritchie Test Ticket No. 1714
Date 12/18/81
Company Address 125 N. Market, Wichita, KS No. of Charts 5
Location: Sec. 2 Twp. 12S Rge. 22W Co. Trego State KS
Well Name And Number LaRue #1 Tester Bud O'Dell
Contractor Murfin Drlg Rig No. 16 Co. Rep. Galen Babcock

Formation Lansing Zone _____ Type of Test Conventional

DST# 3 Interval 3,722 To 3,742 Total Depth 3,742
Open 30 11:00 Shut In 45 11:30 Open 30 12:15 Shut In 45 12:45
Packer(s) Set 10:58 ~~AM~~ Started off Bottom 1:30 ~~AM~~ ~~P.M.~~
Blow 1st Open: Weak, decreasing blow from 1-1/2" to 3/4" in bucket.
2nd Open: Weak blow. Died in 19 mins.

Recovery Total Feet 15
Recovered 15 Ft. of Rotary mud
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Gravity (Oil) _____ Corrected To Temp. _____ Water Chlorides _____

WELL FILE
DO NOT REMOVE

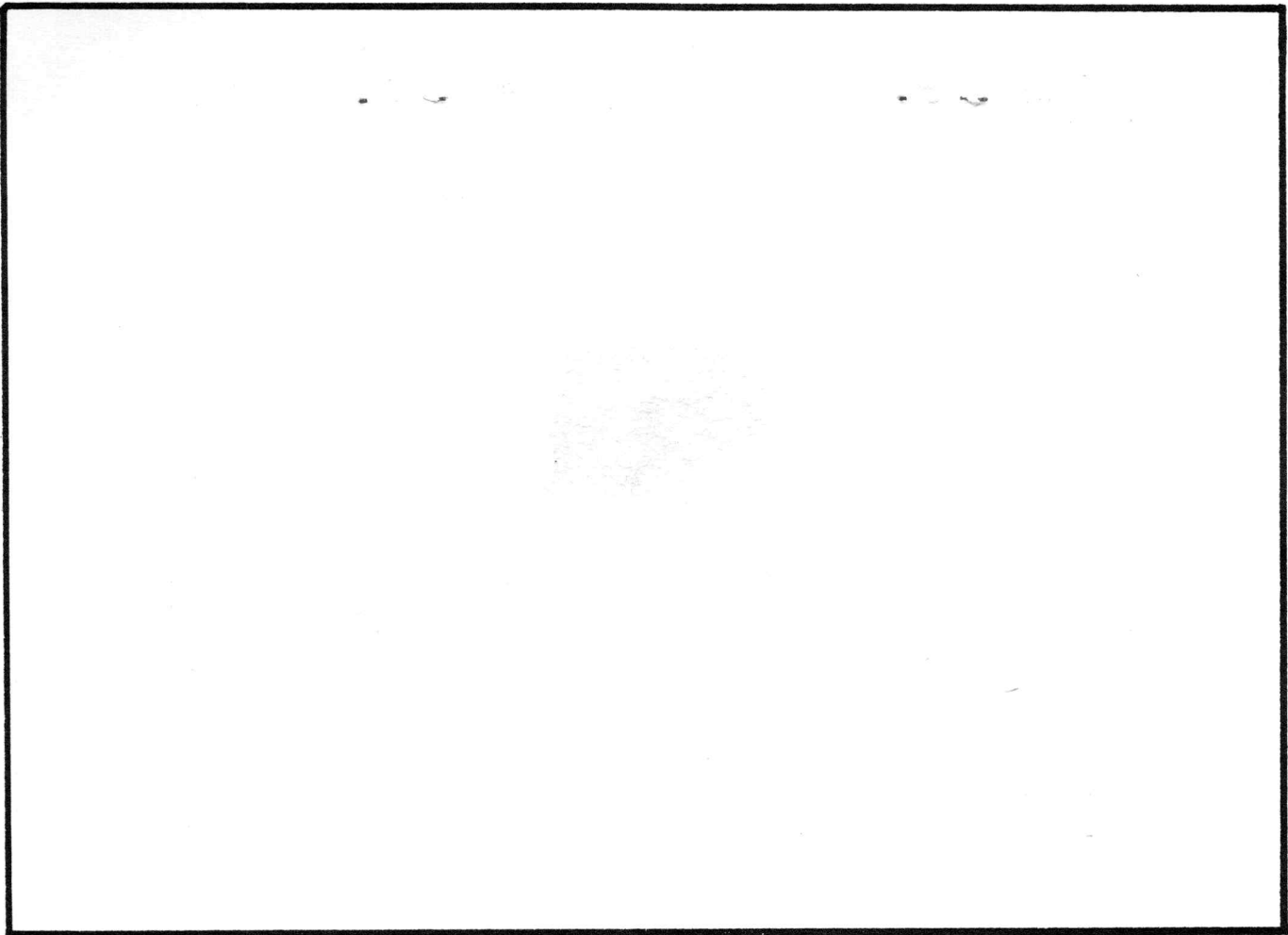
Pressures & Temp. Initial Hydrostatic Pressure 1,863 Final Hydrostatic Pressure 1,841
Initial Closed In Pressure 627 Final Closed In Pressure 346
Initial Flow Pressure 32 To 22 Final Flow Pressure 43 To 32
Test Area Temperature 113 Read Bottom Chart

(Office Reading if Applicable)

Engineering Date Elevation 2,368 K.B. (Est.)
Mud Viscosity 40 Mud Weight 9.5 Water Loss 10.2
Chlorides 36,000 P.P.M. Type of Mud Starch Anchor Length 20'
Hole Size 7-7/8 Casing Size 8-5/8 Surface Choke 3/4 Bottom Choke 3/4
Drill Pipe Length 2,834 I.D. 3.8 In. Weight Pipe Length 635 I.D. 2.76 In.
Drill Collar Length _____ I.D. _____ In.
Top Packer Depth. _____ Bottom Packer Depth. 3,722 Packer Size 6-3/4
Test Tool Size 5-1/2 In. Tool Joint Size 4-1/2 FH In.
Did Well Flow No Reversed Out No
Recorder Type and No. AK-1 11084 Clock Range No. 22337 12 Hr.
Recorder Type and No. AK-1 10995 Clock Range No. 23838 12 Hr.
Extra Equipment None.
Remarks Single, conventional packer used.

Open Hole Test. Thank You.

Price of Job \$660.00



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1,863	1,881	PSI
(B) First Initial Flow Pressure	32	28	PSI
(C) First Final Flow Pressure	22	28	PSI
(D) Initial Closed-in Pressure	627	625	PSI
(E) Second Initial Flow Pressure	43	25	PSI
(F) Second Final Flow Pressure	32	25	PSI
(G) Final Closed-in Pressure	346	350	PSI
(H) Final Hydrostatic Mud	1,841	1,849	PSI

CRUDE OIL TESTING COMPANY

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Colorado Springs, Colorado 80901
(303) 473-6909

Date 12/18/81 Test Ticket No. 1714
Recorder No. Kuster AK-1 10995 Capacity 4,250 PSI Location 3,732 Ft.
Clock No. 23838 Elevation 2,368 K.B. (Est.) Well Temperature 113 °F

Point	Pressure	Open Tool	Field Time	Time Computed
A Initial Hydrostatic Mud	1,881 P.S.I.		11:00 A M	
B First Initial Flow Pressure	28 P.S.I.	First Flow Pressure	30 Mins.	Mins.
C First Final Flow Pressure	28 P.S.I.	Initial Closed-in Pressure	45 Mins.	Mins.
D Initial Closed-in Pressure	625 P.S.I.	Second Flow Pressure	30 Mins.	Mins.
E Second Initial Flow Pressure	25 P.S.I.	Final Closed-in Pressure	45 Mins.	Mins.
F Second Final Flow Pressure	25 P.S.I.			
G Final Closed-in Pressure	350 P.S.I.			
H Final Hydrostatic Mud	1,849 P.S.I.			

PRESSURE BREAKDOWN

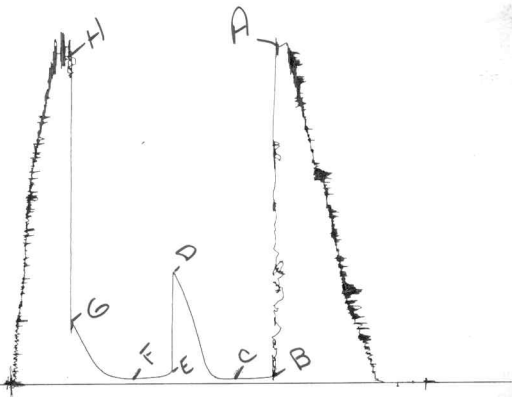
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>9</u> Inc.	
of <u>5</u> mins. and a		of <u>5</u> mins. and a		of <u>5</u> mins. and a		of <u>5</u> mins. and a	
final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>28</u>	<u>0</u>	<u>28</u>	<u>0</u>	<u>25</u>	<u>0</u>	<u>25</u>
P 2 <u>5</u>	<u>28</u>	<u>5</u>	<u>28</u>	<u>5</u>	<u>25</u>	<u>5</u>	<u>30</u>
P 3 <u>10</u>	<u>28</u>	<u>10</u>	<u>28</u>	<u>10</u>	<u>25</u>	<u>10</u>	<u>34</u>
P 4 <u>15</u>	<u>28</u>	<u>15</u>	<u>45</u>	<u>15</u>	<u>25</u>	<u>15</u>	<u>43</u>
P 5 <u>20</u>	<u>28</u>	<u>20</u>	<u>95</u>	<u>20</u>	<u>25</u>	<u>20</u>	<u>56</u>
P 6 <u>25</u>	<u>28</u>	<u>25</u>	<u>227</u>	<u>25</u>	<u>25</u>	<u>25</u>	<u>86</u>
P 7 <u>30</u>	<u>28</u>	<u>30</u>	<u>365</u>	<u>30</u>	<u>25</u>	<u>30</u>	<u>138</u>
P 8		<u>35</u>	<u>469</u>			<u>35</u>	<u>201</u>
P 9		<u>40</u>	<u>551</u>			<u>40</u>	<u>274</u>
P10		<u>45</u>	<u>625</u>			<u>45</u>	<u>350</u>
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

DST # 3

10995

Bottom

1714





TEST REPORT

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Test Ticket No. 1715
Company A. Scott Ritchie Date 12/19/81
Company Address 125 N. Market, Wichita, KS No. of Charts 5
Location: Sec. 2 Twp. 12S Rge. 22W Co. Trego State KS
Well Name And Number LaRue #1 Tester Bud O'Dell
Contractor Murfin Drlg Rig No. 16 Co. Rep. Galen Babcock

Formation Kansas City Zone 100' Type of Test Conventional

DST# 4 Interval 3,740 To 3,786 Total Depth 3,786
Open 30 5:30 Shut In 45 6:00 Open 30 6:45 Shut In 45 7:15
Packer(s) Set 5:28 ~~AM~~ Started off Bottom 8:00 ~~AM~~
Blow 1st Open: Good blow off bottom of bucket in 20 mins.
2nd Open: Very weak blow on top of bucket (head unscrewed).

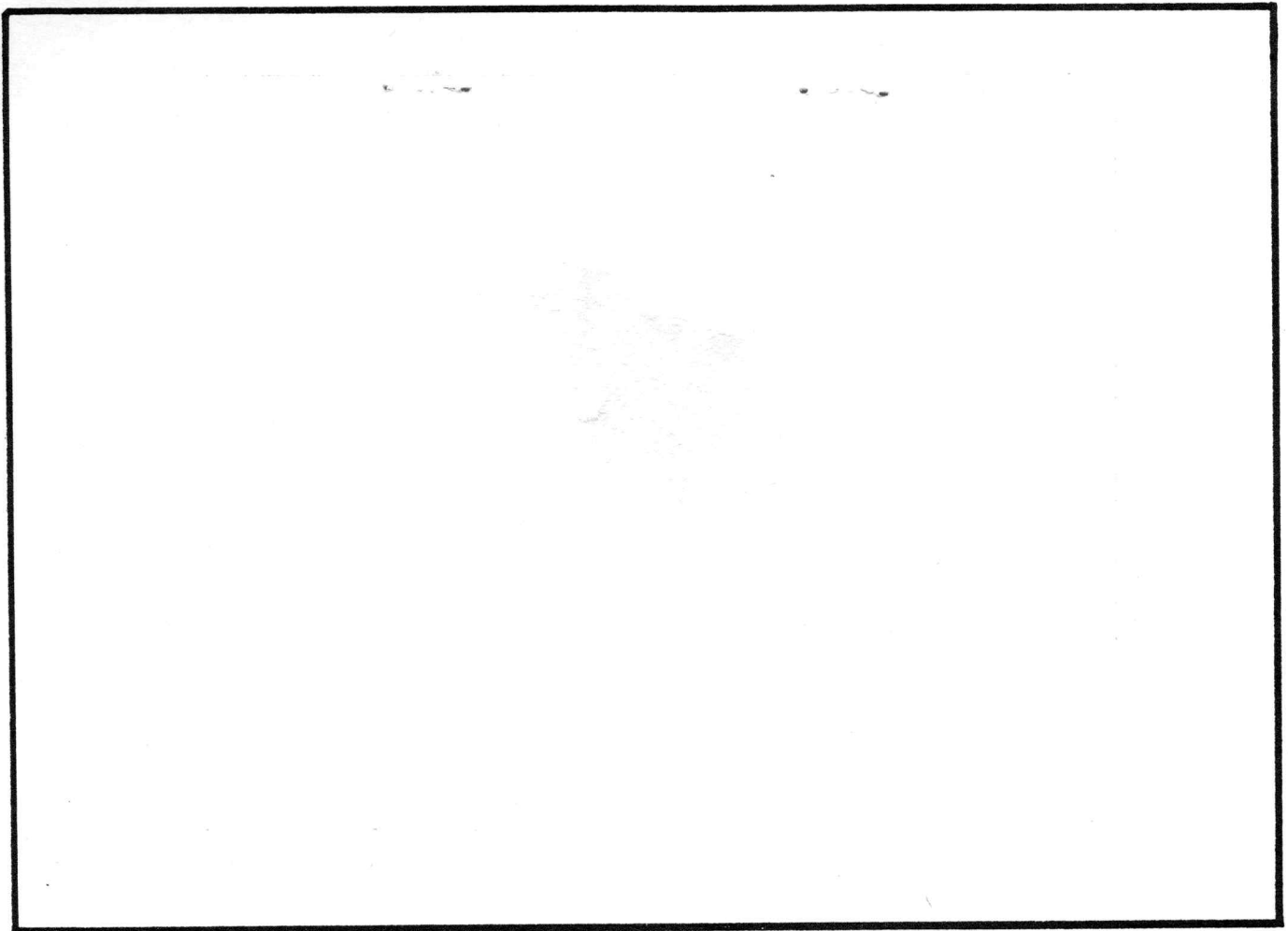
Recovery Total Feet 485
Recovered 485 Ft. of Muddy salt water (10% Mud 90% Water)
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Gravity (Oil) Corrected To Temp. Water Chlorides

WELL FILE
DO NOT REMOVE

Pressures & Temp. Initial Hydrostatic Pressure 1,873 Final Hydrostatic Pressure 1,852
Initial Closed In Pressure 853 Final Closed In Pressure 853
Initial Flow Pressure 65 To 141 Final Flow Pressure 184 To 238
Test Area Temperature 115 Read Bottom Chart
(Office Reading if Applicable)

Engineering Date Elevation 2,368 K.B. (Est.)
Mud Viscosity 40 Mud Weight 9.45 Water Loss 6.5
Chlorides 31,000 P.P.M. Type of Mud Starch Anchor Length 46'
Hole Size 7-7/8 Casing Size 8-5/8 Surface Choke 3/4 Bottom Choke 3/4
Drill Pipe Length 2,896 I.D. 3.8 In. Weight Pipe Length 635 I.D. 2.76 In.
Drill Collar Length I.D. In.
Top Packer Depth. Bottom Packer Depth. 3,740 Packer Size 6-3/4
Test Tool Size 5-1/2 In. Tool Joint Size 4-1/2 FH In.
Did Well Flow No Reversed Out No
Recorder Type and No. AK-1 11084 Clock Range No. 22337 12 Hr.
Recorder Type and No. AK-1 10995 Clock Range No. 23838 12 Hr.
Extra Equipment None.
Remarks Single, conventional packer used.
Head unscrewed on 1st shut-in 25' in the air.
Open Hole Test. Thank You.

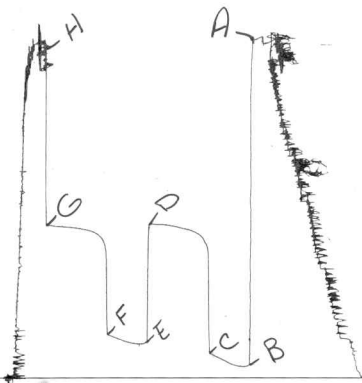
Price of Job \$660.00



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1,873	1,884	PSI
(B) First Initial Flow Pressure	65	62	PSI
(C) First Final Flow Pressure	141	136	PSI
(D) Initial Closed-in Pressure	853	862	PSI
(E) Second Initial Flow Pressure	184	188	PSI
(F) Second Final Flow Pressure	238	244	PSI
(G) Final Closed-in Pressure	853	853	PSI
(H) Final Hydrostatic Mud	1,852	1,841	PSI

DST #4
10995
Bottom
1715





TEST REPORT

(303) 473-6909
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Colorado Springs, CO 80901

Company A. Scott Ritchie Test Ticket No. 1716
Date 12/20/81
Company Address 125 N. Market, Wichita, KS No. of Charts 5
Location: Sec. 2 Twp. 12S Rge. 22W Co. Trego State KS
Well Name And Number LaRue #1 Tester Bud O'Dell
Contractor Murfin Drlg Rig No. 16 Co. Rep. Galen Babcock

Formation Lansing Zone 140-160-180' Type of Test Conventional

DST# 5 Interval 3,780 To 3,849 Total Depth 3,849
Open 30 2:15 Shut In 30 2:45 Open 30 3:15 Shut In 30 3:45
Packer(s) Set 2:13 Started off Bottom 4:15
Blow 1st Open: Weak blow. Died in 11 mins.
2nd Open: No blow.

Recovery Total Feet 10
Recovered 10 Ft. of Drilling mud (No show of oil)
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Gravity (Oil) Corrected To Temp. Water Chlorides

WELL FILE
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Pressures & Temp.

(Office Reading if Applicable)

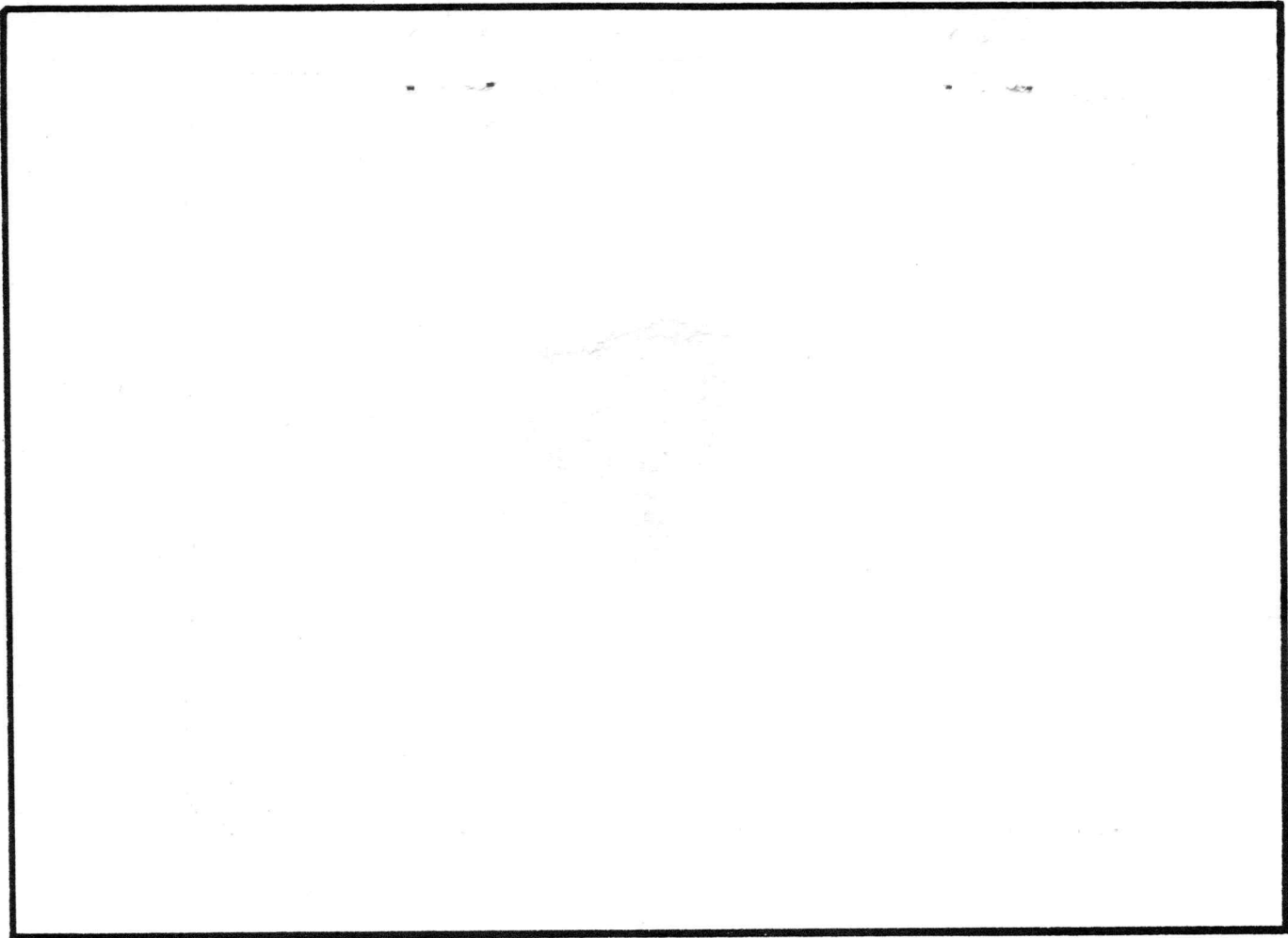
Initial Hydrostatic Pressure 1,950 Final Hydrostatic Pressure 1,940
Initial Closed In Pressure 143 Final Closed In Pressure 94
Initial Flow Pressure 66 To 66 Final Flow Pressure 66 To 66
Test Area Temperature 118

Engineering Date

Elevation 2,368 K.B. (Est.)
Mud Viscosity 37 Mud Weight 9.3 Water Loss 9.2
Chlorides 18,500 P.P.M. Type of Mud Starch Anchor Length 69'
Hole Size 7-7/8 Casing Size 8-5/8 Surface Choke 3/4 Bottom Choke 3/4
Drill Pipe Length 3,145 I.D. 3.8 In. Weight Pipe Length 635 I.D. 2.76 In.
Drill Collar Length I.D. In.
Top Packer Depth. Bottom Packer Depth. 3,780 Packer Size 6-3/4 x 30
Test Tool Size 5-1/2 In. Tool Joint Size 4-1/2 FH In.
Did Well Flow No Reversed Out No
Recorder Type and No. AK-1 11084 Clock Range No. 22337 12 Hr.
Recorder Type and No. AK-1 10995 Clock Range No. 23838 12 Hr.
Extra Equipment None.
Remarks Single, conventional packer used.

Open Hole Test. Thank You.

Price of Job \$660.00



This is an actual photograph of recorder chart.

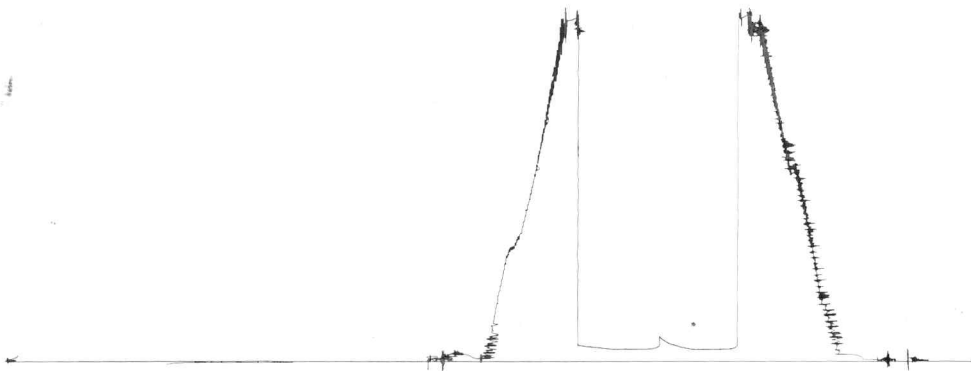
POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1,950	PSI
(B) First Initial Flow Pressure	66	PSI
(C) First Final Flow Pressure	66	PSI
(D) Initial Closed-in Pressure	143	PSI
(E) Second Initial Flow Pressure	66	PSI
(F) Second Final Flow Pressure	66	PSI
(G) Final Closed-in Pressure	94	PSI
(H) Final Hydrostatic Mud	1,940	PSI

11084

TOP

#1716

DST#5





TEST REPORT

(303) 473-6909
P.O. Box 2260
Colorado Springs, CO 80901

Test Ticket No. 1717
Company A. Scott Ritchie Date 12/20/81
Company Address 125 N. Market, Wichita, KS No. of Charts 5
Location: Sec. 2 Twp. 12S Rge. 22W Co. Trego State KS
Well Name And Number LaRue #1 Tester Bud O'Dell
Contractor Murfin Drlg Rig No. 16 Co. Rep. Galen Babcock

Formation Lansing Zone 200 & 220' Type of Test Conventional

DST# 6 Interval 3,847 To 3,915 Total Depth 3,915
Open 30 8:40 Shut In 30 9:10 Open 30 9:40 Shut In 30 10:10
Packer(s) Set 8:38 P.M. Started off Bottom 10:40 P.M.
Blow 1st Open: Weak blow. Died in 16 mins.
2nd Open: No blow.

Recovery Total Feet 5
Recovered 5 Ft. of Drilling mud
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of
Gravity (Oil) Corrected To Temp. Water Chlorides

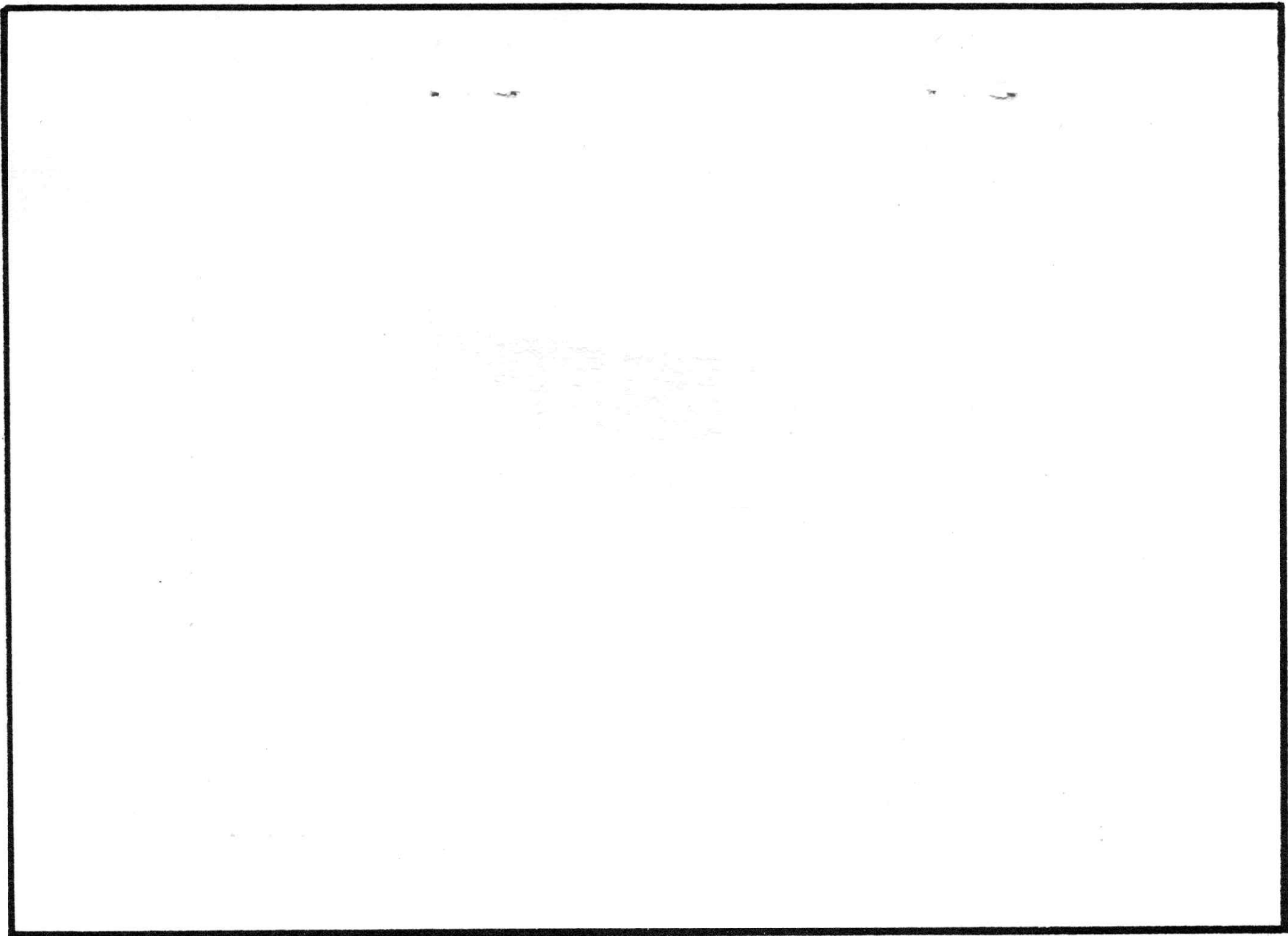
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Pressures & Temp. Initial Hydrostatic Pressure 2,015 Final Hydrostatic Pressure 1,994
Initial Closed In Pressure 677 Final Closed In Pressure 439
Initial Flow Pressure 55 To 55 Final Flow Pressure 66 To 66
Test Area Temperature 120
(Office Reading if Applicable)

Engineering Date Elevation 2,368 K.B. (Est.)
Mud Viscosity 40 Mud Weight 9.6 Water Loss 7.8
Chlorides 23,000 P.P.M. Type of Mud Starch Anchor Length 68'
Hole Size 7-7/8 Casing Size 8-5/8 Surface Choke 3/4 Bottom Choke 3/4
Drill Pipe Length 3,212 I.D. 3.8 In. Weight Pipe Length 635 I.D. 2.76 In.
Drill Collar Length I.D. In.
Top Packer Depth. Bottom Packer Depth. 3,847 Packer Size 6-3/4 x 15
Test Tool Size 5-1/2 In. Tool Joint Size 4-1/2 FH In.
Did Well Flow No Reversed Out No
Recorder Type and No. AK-1 11084 Clock Range No. 22337 12 Hr.
Recorder Type and No. AK-1 10995 Clock Range No. 23838 12 Hr.
Extra Equipment None.
Remarks Single, conventional packer used.

Open Hole Test. Thank You.

Price of Job \$660.00



This is an actual photograph of recorder chart.

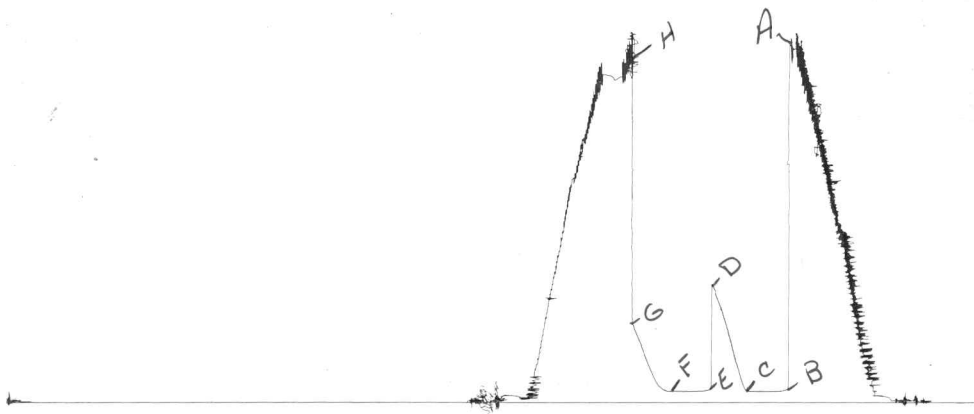
POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2,015	2,015	PSI
(B) First Initial Flow Pressure	55	61	PSI
(C) First Final Flow Pressure	55	61	PSI
(D) Initial Closed-in Pressure	677	670	PSI
(E) Second Initial Flow Pressure	66	63	PSI
(F) Second Final Flow Pressure	66	63	PSI
(G) Final Closed-in Pressure	439	445	PSI
(H) Final Hydrostatic Mud	1,994	1,931	PSI

11084

TOP

#1717

DST#6





TEST REPORT

(303) 473-6909
P.O. Box 2260
Colorado Springs, CO 80901

Company A. Scott Ritchie Test Ticket No. 1718
Date 12/21/81
Company Address 125 N. Market, Wichita, KS No. of Charts 5
Location: Sec. 2 Twp. 12S Rge. 22W Co. Trego State KS
Well Name And Number LaRue #1 Tester Bud O'Dell
Contractor Murfin Drlg Rig No. 16 Co. Rep. Galen Babcock

Formation Marmaton Zone _____ Type of Test Conventional

DST# 7 Interval 3,984 To 4,025 Total Depth 4,025
Open 30 3:30 Shut In 45 4:00 Open 30 4:45 Shut In 45 5:15
Packer(s) Set 3:28 ~~3:28~~ P.M. Started off Bottom 6:00 ~~6:00~~ P.M.
Blow 1st Open: Weak blow. Died in 12 mins.
2nd Open: No blow. Flushed tool. Good surge. No help.

Recovery Total Feet 60
Recovered 60 Ft. of Oil-cut mud
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____
Gravity (Oil) _____ Corrected To Temp. _____ Water Chlorides 24,000

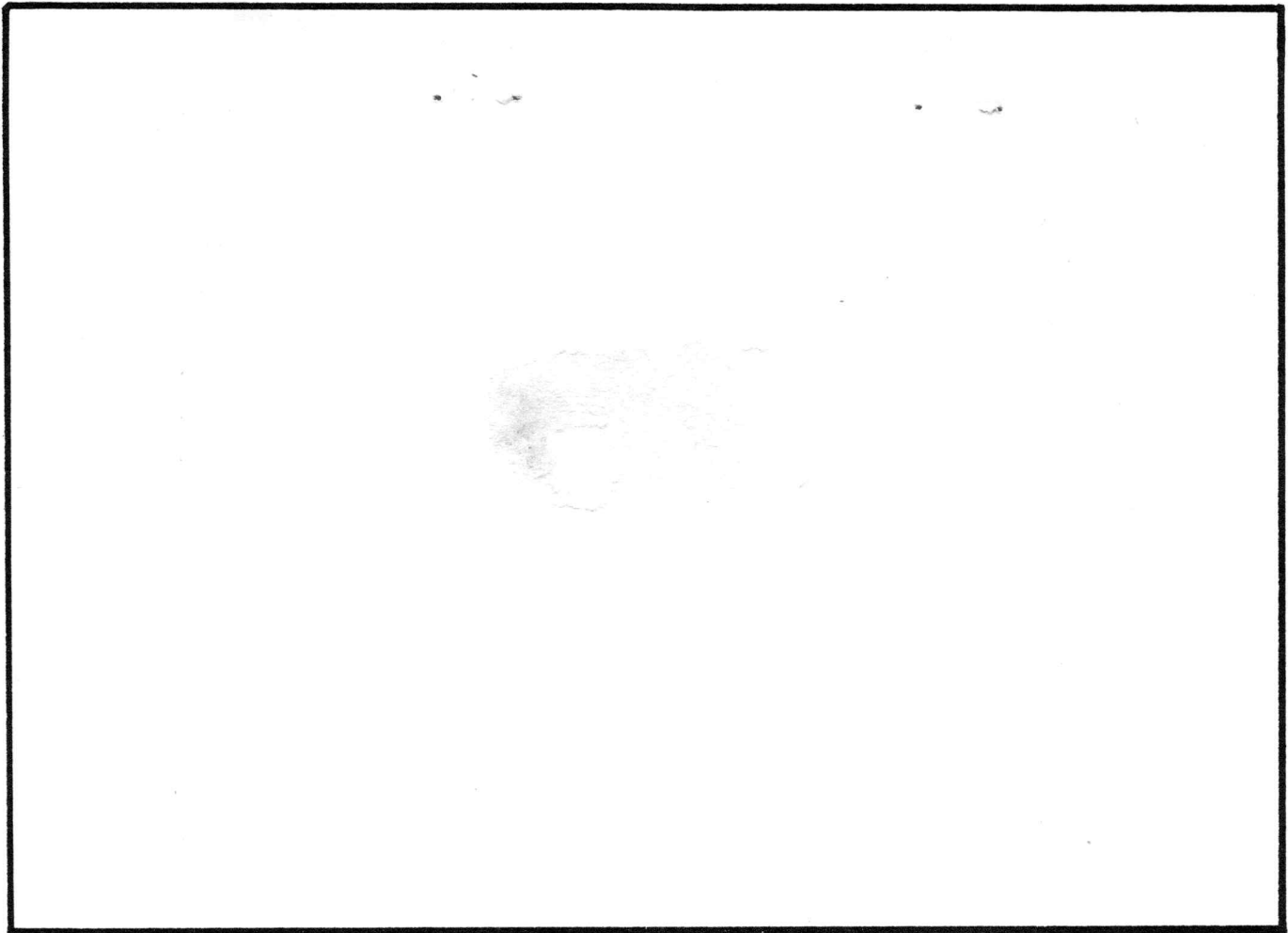
WELL FILE
DO NOT REMOVE

Pressures & Temp. Initial Hydrostatic Pressure 2,112 Final Hydrostatic Pressure 2,091
Initial Closed In Pressure 1,142 Final Closed In Pressure 1,013
Initial Flow Pressure 57 To 57 Final Flow Pressure 66 To 66
Test Area Temperature 120
(Office Reading if Applicable)

Engineering Date Elevation 2,368 K.B. (Est.)
Mud Viscosity 45 Mud Weight 9.8 Water Loss 10.2
Chlorides 21,000 P.P.M. Type of Mud Starch Anchor Length 41'
Hole Size 7-7/8 Casing Size 8-5/8 Surface Choke 3/4 Bottom Choke 3/4
Drill Pipe Length 3,169 I.D. 3.8 In. Weight Pipe Length 635 I.D. 2.76 In.
Drill Collar Length 180 I.D. 2.25 In.
Top Packer Depth. _____ Bottom Packer Depth. 3,984 Packer Size 6-3/4 x 15
Test Tool Size 5-1/2 In. Tool Joint Size 4-1/2 FH In.
Did Well Flow No Reversed Out No
Recorder Type and No. AK-1 11084 Clock Range No. 22337 12 Hr.
Recorder Type and No. AK-1 10995 Clock Range No. 23838 12 Hr.
Extra Equipment None.
Remarks Single, conventional packer used.

Open Hole Test. Thank You.

Price of Job \$715.00



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2,112	2,109	PSI
(B) First Initial Flow Pressure	57	57	PSI
(C) First Final Flow Pressure	57	57	PSI
(D) Initial Closed-in Pressure	1,142	1,133	PSI
(E) Second Initial Flow Pressure	66	65	PSI
(F) Second Final Flow Pressure	66	65	PSI
(G) Final Closed-in Pressure	1,013	1,015	PSI
(H) Final Hydrostatic Mud	2,091	2,051	PSI

CRUDE OIL TESTING COMPANY

P.O. Box 2260
Colorado Springs, Colorado 80901
(303) 473-6909

Date 12/21/81 Test Ticket No. 1718
 Recorder No. Kuster AK-1 11084 Capacity 4,300 PSI Location 4,015 Ft.
 Clock No. 22337 Elevation 2,368 K.B. (Est.) Well Temperature 120 °F

Point	Pressure	Open Tool	Field Time	Time Computed
A Initial Hydrostatic Mud	2,109 P.S.I.		3:30 P M	
B First Initial Flow Pressure	57 P.S.I.	First Flow Pressure	30 Mins.	Mins.
C First Final Flow Pressure	57 P.S.I.	Initial Closed-in Pressure	45 Mins.	43 Mins.
D Initial Closed-in Pressure	1,133 P.S.I.	Second Flow Pressure	30 Mins.	Mins.
E Second Initial Flow Pressure	65 P.S.I.	Final Closed-in Pressure	45 Mins.	Mins.
F Second Final Flow Pressure	65 P.S.I.			
G Final Closed-in Pressure	1,015 P.S.I.			
H Final Hydrostatic Mud	2,051 P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of	mins. and a	of	mins. and a	of	mins. and a	of	mins. and a
	final inc. of	Min.	final inc. of	Min.	final inc. of	Min.	final inc. of	Min.
	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	57	0	57	0	65	0	65	
P 2 5	57	5	74	5	65	5	76	
P 3 10	57	10	149	10	65	10	92	
P 4 15	57	15	569	15	65	15	153	
P 5 20	57	20	872	20	65	20	361	
P 6 25	57	25	980	25	65	25	666	
P 7 30	57	30	1,047	30	65	30	839	
P 8		35	1,092			35	915	
P 9		40	1,125			40	984	
P10		43	1,133			45	1,015	
P11								
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								

NO. 4
TOP
1718
DST # 7

