



TEST REPORT

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

8-11-22W

Company A. Scott Ritchie Test Ticket No. 2901
Company Address Suite 950, 125 N. Market, Wichita, KS 67202 Date 5/14/83
Location: Sec. 8 Twp. 11S Rge. 22W Co. Irego State Kansas
Well Name And Number Baughman #2 "E" Tester Bud O'Dell
Contractor Murfin Drilling Rig No. 16 Co. Rep. Rocky Milford

Engineering Data

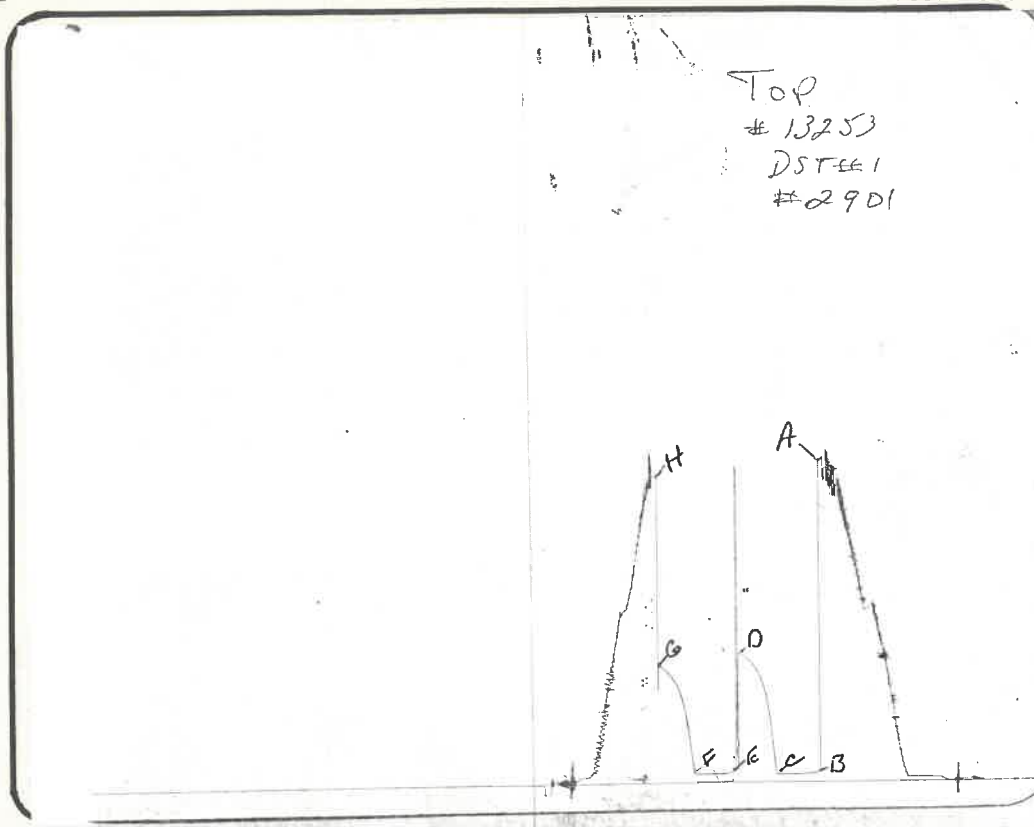
Elevation 2,218 KB
Mud Viscosity 43
Mud Weight 9.8
Water Loss 14.2
Type of Mud Starch
Anchor Length 40'
Hole Size 7 7/8
Casing Size 8 5/8
Surface Choke 3/4
Bottom Choke 3/4
Drill Pipe Length 2,916 I.D. 3.8 In.
Weight Pipe Length 533 I.D. 2.76 In.
Drill Collar Length _____ I.D. _____ In.
Top Packer Depth. 3,505
Bottom Packer Depth 3,510
Tool Joint Size 4 1/2 FH
Test Tool Size 5 1/2
Packer Size 6 3/4
Reversed Out No
Recorder Type and No. AK-1 13253 Clock Range No. 23934 12 Hr.
Recorder Type and No. AK-1 13250 Clock Range No. 23838 12 Hr.
Extra Equipment None
Remarks Chlorides pit sample - 42,000 PPM
Open Hole Test

CRUDE OIL TESTING INC.

Date 5/14/83

Test Ticket No. 2901

DST # 1



Formation

Lansing Zone 35 & 50 Type of Test Conventional
 Interval 3,510 To 3,550 Total Depth 3,550
 Open 30 Shut In 30 Open 30 Shut In 30
 Packer(s) Set 7:27A M. Started off Bottom 9:30A M.
 Blow 1st Opening Weak blow died in 12 minutes.
 2nd Opening No blow, flushed tool, good surge- no help

Recovery

Total Feet 10
 Recovered 10 Ft. of Watery mud
 Recovered Ft. of (No show of oil)
 Recovered Ft. of
 Recovered Ft. of

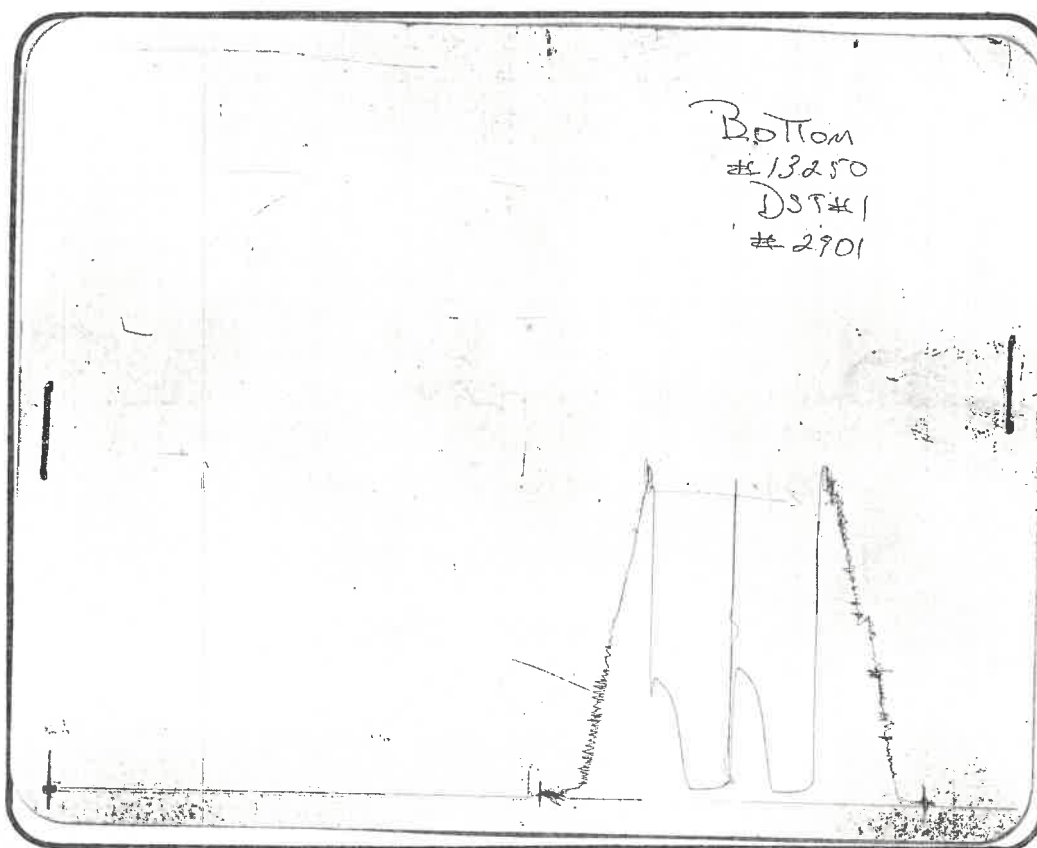
Calculated Recovery

Gas Oil WTR 3.5 MUD 6.5
 Gravity (Oil) Corrected To Temp. °F Test Water Chlorides P.P.M.
 Test Area Temperature 108 °F Mud System Chlorides 30,000 P.P.M.

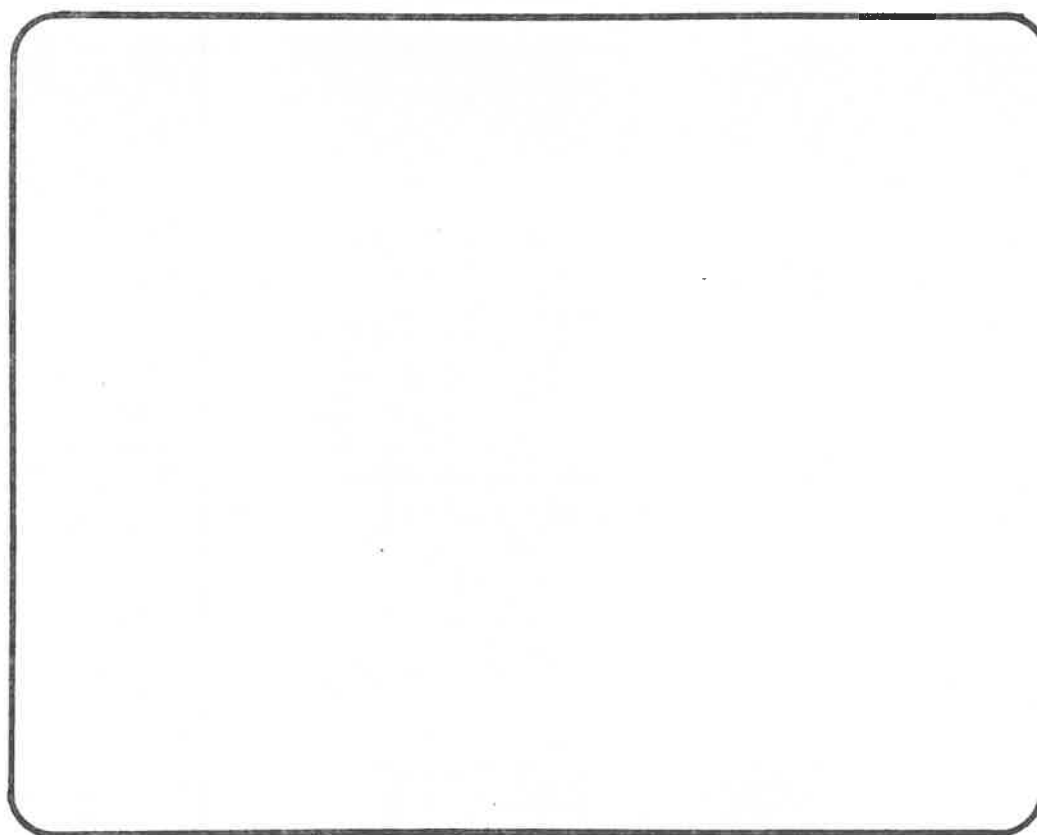
PRESSURE

	Field Reading	Office Reading	PSI
(A) Initial Hydrostatic Mud	1,916	1,893	PSI
(B) First Initial Flow Pressure	35	49	PSI
(C) First Final Flow Pressure	35	49	PSI
(D) Initial Closed-in Pressure	760	778	PSI
(E) Second Initial Flow Pressure	35	49	PSI
(F) Second Final Flow Pressure	35	49	PSI
(G) Final Closed-in Pressure	703	708	PSI
(H) Final Hydrostatic Mud	1,825	1,824	PSI

CRUDE OIL TESTING INC.



Extra recorder chart



Blank off recorder chart

These are actual photographs of recorder charts.

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

Recorder Location 3,500 Ft. Recorder No. 13253 Test Ticket No. 2901

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 2 Min.

Initial Shut-In
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of Min.

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of Min.

Final Shut-In
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of Min.

	Points Minutes	Press.	Points Minutes	Press.	Points Minutes	Press.	Points Minutes	Press.
P01	00	49	00	49	00	49	00	49
P02	05	49	05	430	05	49	05	312
P03	10	49	10	602	10	49	10	513
P04	15	49	15	691	15	49	15	612
P05	20	49	20	738	20	49	20	664
P06	25	49	25	767	25	49	25	700
P07	30	49	30	778	30	49	30	708
P08	32	49						
P09								
P10								
P11								
P12								
P13								
P14								
P15								
P16								
P17								
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P35								
P36								
P37								
P38								
P39								
P40								





TEST REPORT

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

Company A. Scott Ritchie Test Ticket No. 2902
Company Address Suite 950, 125 N. Market, Wichita, KS 67202 Date 5/14/83
Location: Sec. 8 Twp. 11S Rge. 22W Co. Trego State Kansas
Well Name And Number Baustman #2 "E" Tester Bud O'Dell
Contractor Murfin Drlg. Rig No. 16 Co. Rep. Rocky Milford

Engineering Data

Elevation 2,218 KB
Mud Viscosity 43
Mud Weight 9.8
Water Loss 14.2
Type of Mud Starch
Anchor Length 32'
Hole Size 7 7/8
Casing Size 8 5/8
Surface Choke 3/4
Bottom Choke 3/4
Drill Pipe Length 2,961 I.D. 3.8 In.
Weight Pipe Length 533 I.D. 2.76 In.
Drill Collar Length _____ I.D. _____ In.
Top Packer Depth. 3,542
Bottom Packer Depth 3,547
Tool Joint Size 4 1/2 FH
Test Tool Size 5 1/2
Packer Size 6 3/4
Reversed Out No
Recorder Type and No. AK-1 13253 Clock Range No. 23934 12 Hr.
Recorder Type and No. AK-1 13250 Clock Range No. 23838 12 Hr.
Extra Equipment None
Remarks Chlorides pit sample - 41,000 PPM
Open Hole Test

CRUDE OIL TESTING

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

Recorder Location 3,537 Ft. Recorder No. 13253 Test Ticket No. 2902

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 2 Min.

Initial Shut-In
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of Min.

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of Min.

Final Shut-In
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of 2 Min.

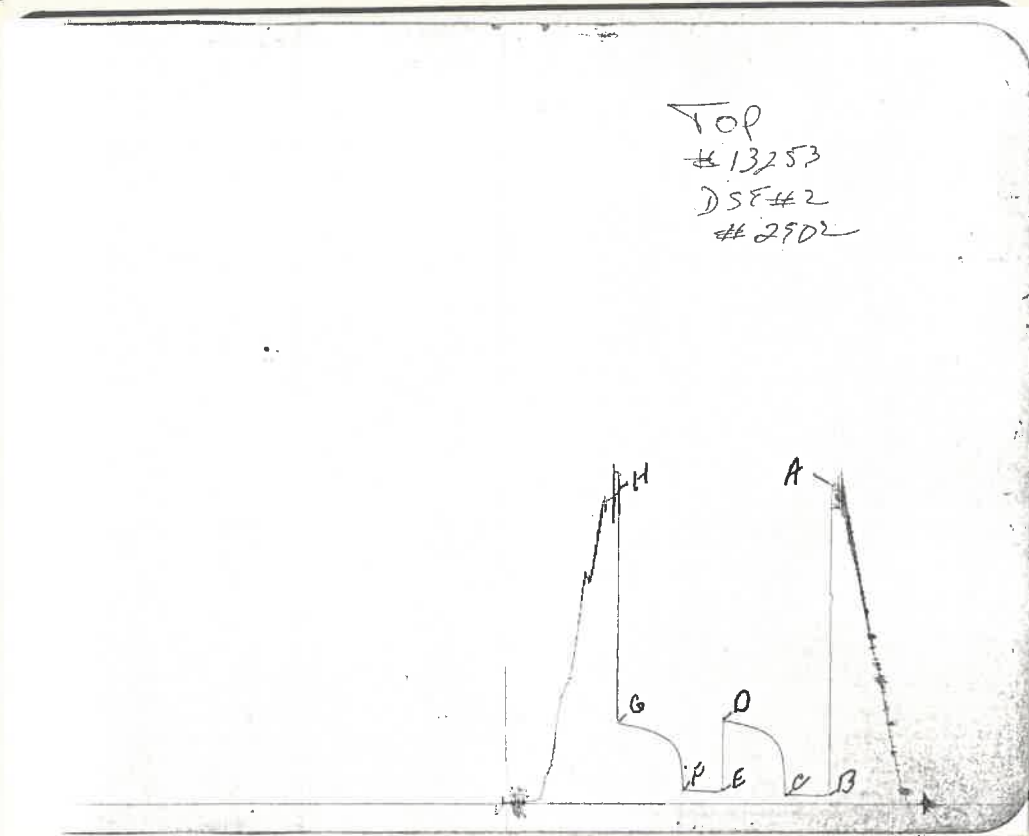
	Points Minutes	Press.	Points Minutes	Press.	Points Minutes	Press.	Points Minutes	Press.
P01	00	48	00	58	00	74	00	85
P02	05	48	05	352	05	74	05	350
P03	10	48	10	405	10	76	10	387
P04	15	50	15	432	15	79	15	416
P05	20	54	20	453	20	82	20	435
P06	25	57	25	469	25	84	25	450
P07	30	57	30	483	30	85	30	462
P08	32	58	35	493			35	473
P09			40	502			40	483
P10			45	509			45	490
P11							47	491
P12								
P13								
P14								
P15								
P16								
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P39								
P40								

CRUDE OIL TESTING INC.

Date 5/14/83

Test Ticket No. 2902

DST # 2



Formation

Lansing Zone 70 & 90 Type of Test Conventional
 Interval 3,547 To 3,579 Total Depth 3,579
 Open 30 Shut In 45 Open 30 Shut In 45
 Packer(s) Set 9:58P M. Started off Bottom 12:30A M.
 Blow 1st Opening Weak increasing to fair blow 4 1/2" in bucket.
 2nd Opening Fair blow 3" in bucket.

Recovery

Total Feet 102'
 Recovered 102' Ft. of Muddy water with scum of oil
 Recovered Ft. of
 Recovered Ft. of
 Recovered Ft. of

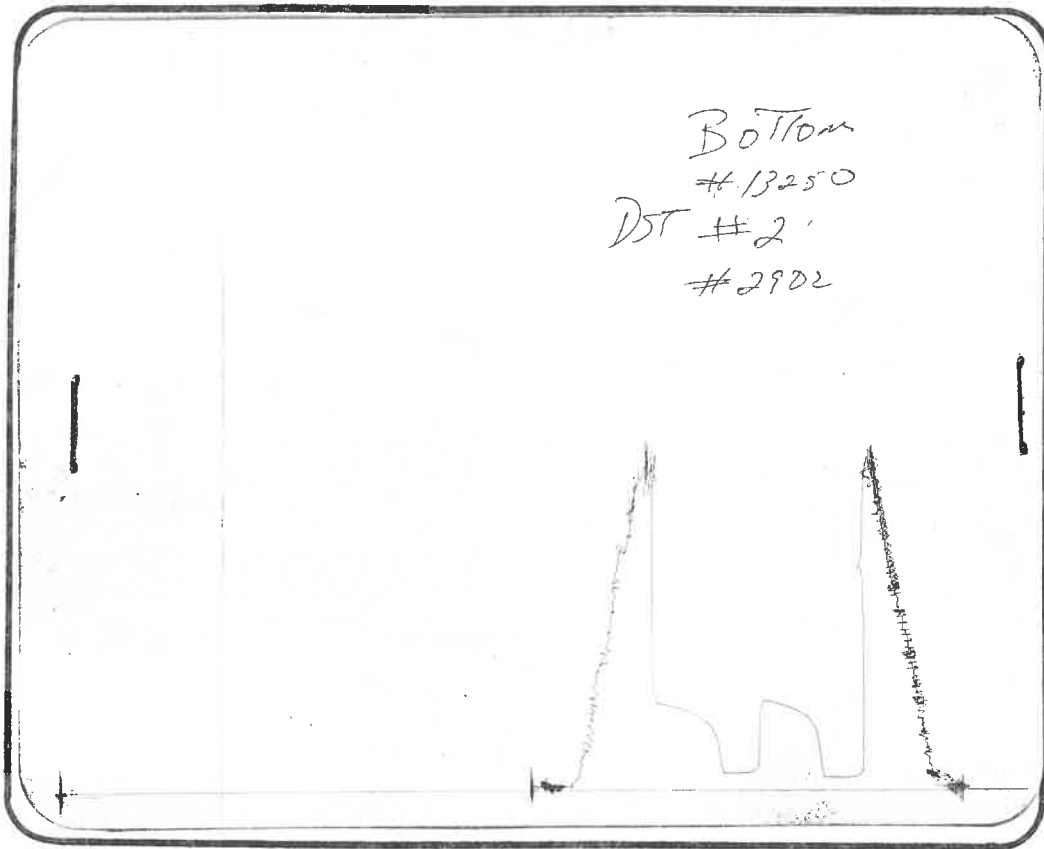
Calculated Recovery

Gas Oil Scum WTR 61.2 MUD 40.8
 Gravity (Oil) Corrected To Temp. °F Test Water Chlorides 65,000 P.P.M.
 Test Area Temperature 108 °F Mud System Chlorides 30,000 P.P.M.

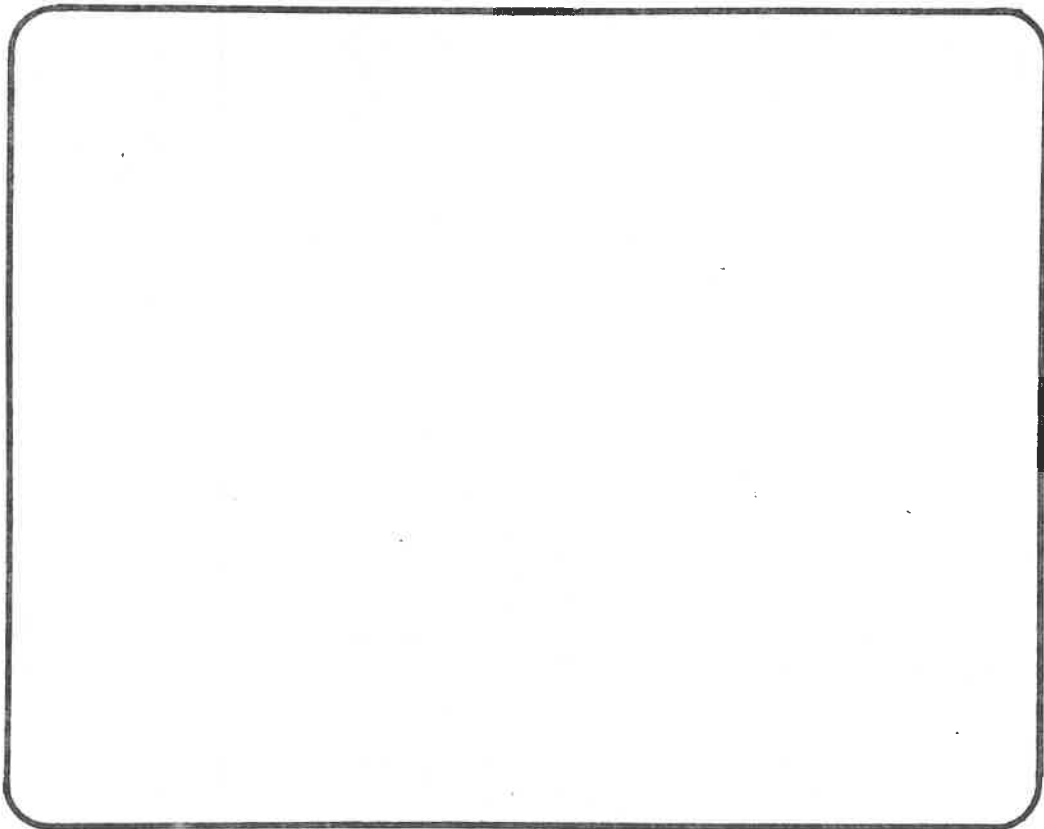
PRESSURE

	Field Reading	Office Reading	PSI
(A) Initial Hydrostatic Mud	1,859	1,884	PSI
(B) First Initial Flow Pressure	46	48	PSI
(C) First Final Flow Pressure	46	58	PSI
(D) Initial Closed-in Pressure	509	509	PSI
(E) Second Initial Flow Pressure	69	74	PSI
(F) Second Final Flow Pressure	69	85	PSI
(G) Final Closed-in Pressure	486	491	PSI
(H) Final Hydrostatic Mud	1,848	1,847	PSI

CRUDE OIL TESTING INC.



Extra recorder chart



Blank off recorder chart

These are actual photographs of recorder charts.



TEST REPORT

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

Company A. Scott Ritchie Test Ticket No. 2903
Company Address Suite 950, 125 N. Market, Wichita, KS 67202 Date 5/15/83
Location: Sec. 8 Twp. 11S Rge. 22W Co. Trego State Kansas
Well Name And Number Baughman #2 "E" Tester Bud O'Dell
Contractor Murfin Drig. Rig No. 16 Co. Rep. Rocky Milford

Engineering Data

Elevation 2,218 KB
Mud Viscosity 46
Mud Weight 9.2
Water Loss 13
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 2,982 I.D. 3.8 In.
Weight Pipe Length 533 I.D. 2.76 In.
Drill Collar Length _____ I.D. _____ In.
Top Packer Depth. 3,600
Bottom Packer Depth 3,605
Tool Joint Size 4 1/2 FH
Test Tool Size 5 1/2
Packer Size 6 3/4
Reversed Out No
Recorder Type and No. AK-1 13253 Clock Range No. 23934 12 Hr.
Recorder Type and No. AK-1 13250 Clock Range No. 23838 12 Hr.
Extra Equipment None
Remarks Chlorides pit sample - 41,000 PPM
Open Hole Test

DST # 3

VISUAL DST RECOVERY:

#2003

CALCULATED DST RECOVERY

[illegible][illegible][illegible][illegible]

WATER :							
SAM- PLE #	TOTAL FOOT- AGE	x	%	=	Feet	CHLORIDES PPM	RESISTIVITY OHMS
1	5	x	40	=	2.		
		x		=			
		x		=			
		x		=			
		x		=			
		x		=			
		x		=			
		x		=			
		x		=			
		x		=			
		x		=			
		x		=			
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		x		=			
		x		=			
		x		=			
		x		=			
		x		=			
		x		=			
Totals					2.		

GAS

OIL _____

MUD 3.

WTR 2.

TOTAL FLUID 5.1

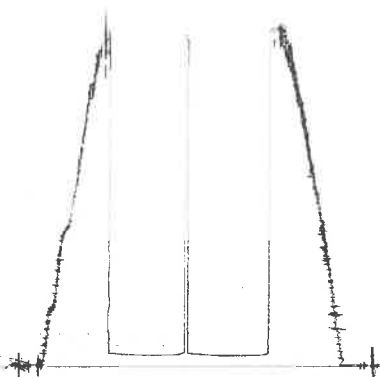
CRUDE OIL TESTING INC.

Date 5/15/83

Test Ticket No. 2903

DST # 3

Top
#13253
DST#3
#2903



Formation

Lansing Zone 140, 160, 180 Type of Test Conventional
Interval 3.605 To 3.674 Total Depth 3.674
Open 30 Shut In 30 Open 30 Shut In 30
Packer(s) Set 4:06P M. Started off Bottom 6:09P M.
Blow 1st Opening Very weak blow died in 5 minutes.
2nd Opening No blow, flushed tool - good surge - no help.

Recovery

Total Feet 5'
Recovered 5' Ft. of Watery mud
Recovered Ft. of
Recovered Ft. of
Recovered Ft. of

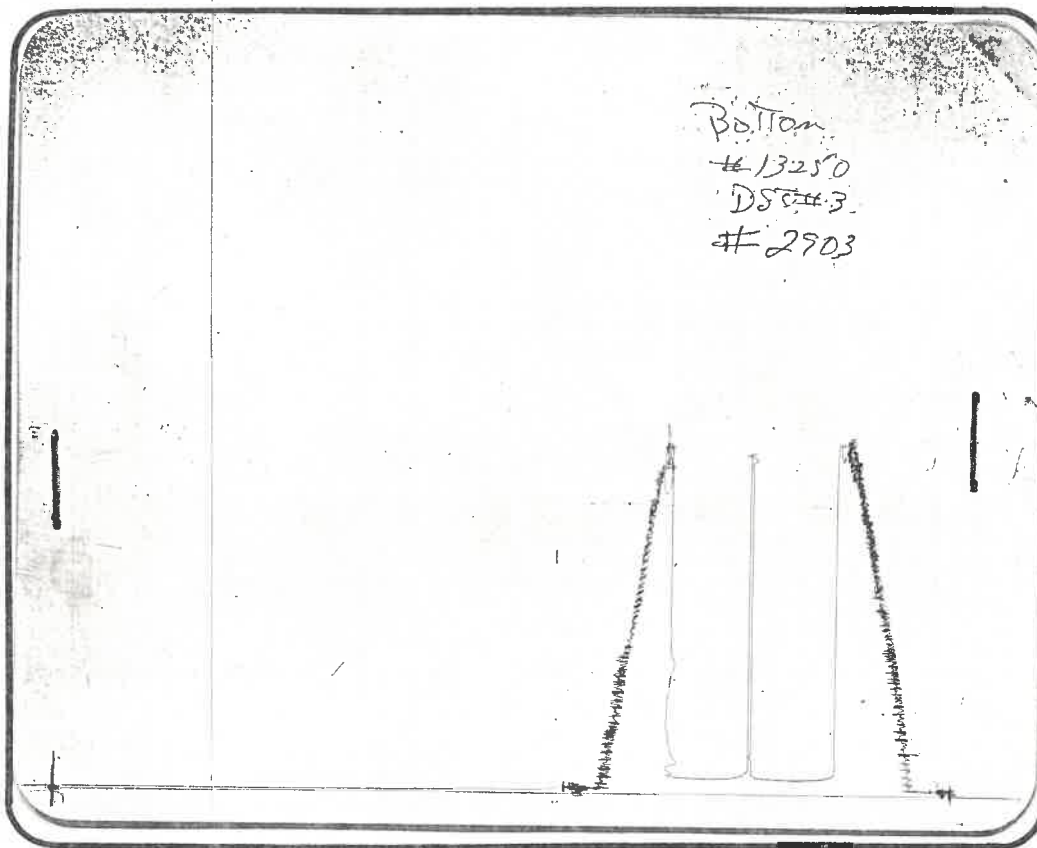
Calculated Recovery

Gas Oil WTR 2 MUD 3
Gravity (Oil) Corrected To Temp. °F Test Water Chlorides 68,000 P.P.M.
Test Area Temperature 100 °F Mud System Chlorides 30,000 P.P.M.

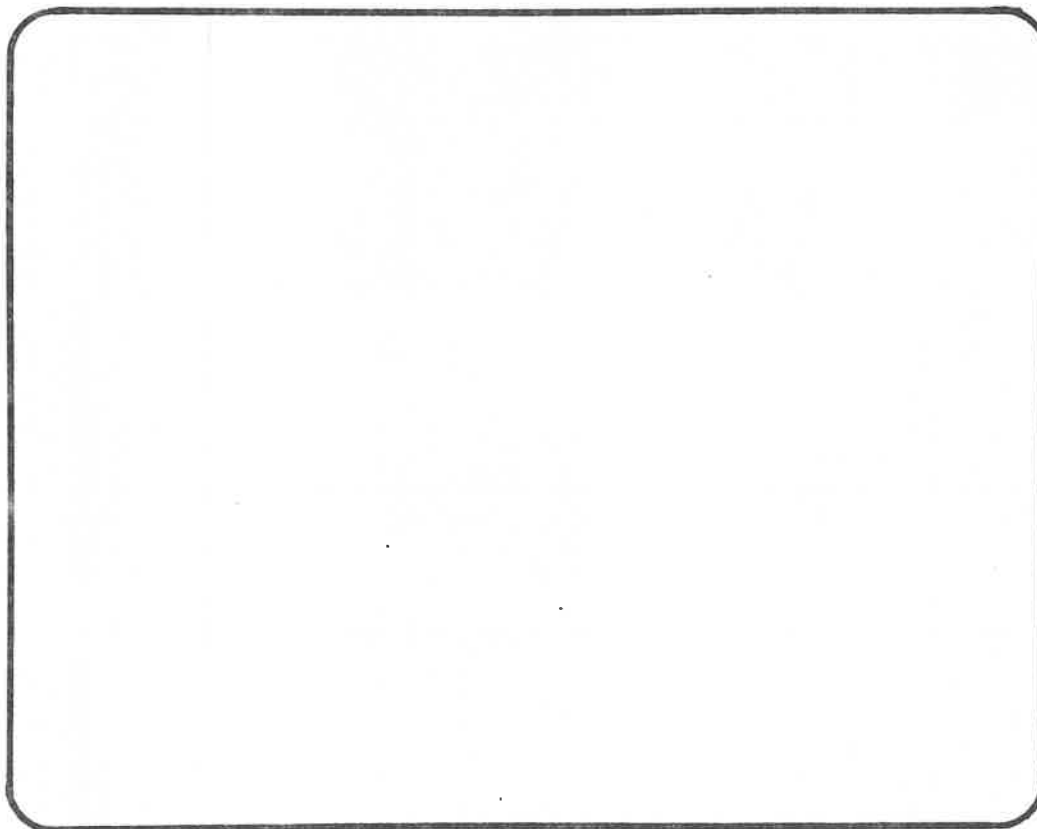
PRESSURE

	Field Reading	Office Reading	PSI
(A) Initial Hydrostatic Mud	<u>1,995</u>	<u> </u>	PSI
(B) First Initial Flow Pressure	<u>58</u>	<u> </u>	PSI
(C) First Final Flow Pressure	<u>58</u>	<u> </u>	PSI
(D) Initial Closed-in Pressure	<u>60</u>	<u> </u>	PSI
(E) Second Initial Flow Pressure	<u>58</u>	<u> </u>	PSI
(F) Second Final Flow Pressure	<u>58</u>	<u> </u>	PSI
(G) Final Closed-in Pressure	<u>60</u>	<u> </u>	PSI
(H) Final Hydrostatic Mud	<u>1,984</u>	<u> </u>	PSI

CRUDE OIL TESTING INC.



Extra recorder chart



Blank off recorder chart

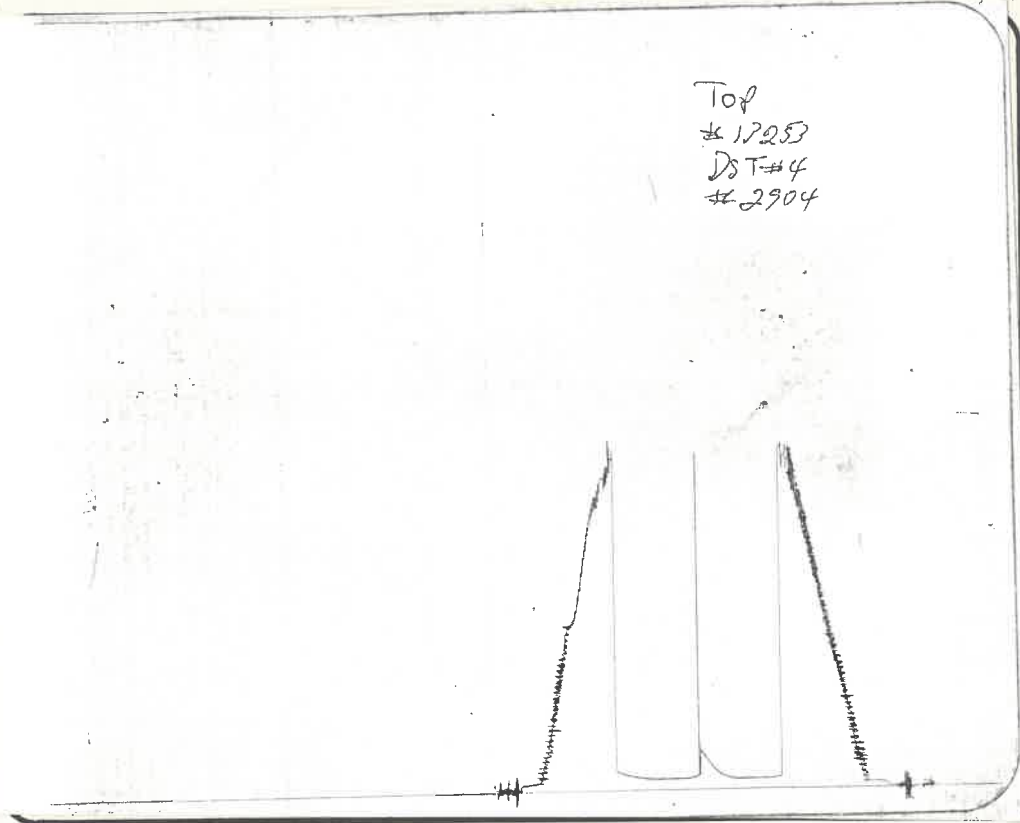
These are actual photographs of recorder charts.

CRUDE OIL TESTING INC.

Date 5/16/83

Test Ticket No. 2904

DST # 4



Formation

Lansing Zone 200 & 220 Type of Test Conventional
 Interval 3,670 To 3,736 Total Depth 3,736
 Open 30 Shut In 30 Open 30 Shut In 30
 Packer(s) Set 7:57A M. Started off Bottom 10:00A M.
 Blow 1st Opening Weak blow died in 17 minutes.
 2nd Opening No blow, flushed tool - good surge - no help.

Recovery

Total Feet 5'
 Recovered 5' Ft. of Watery mud
 Recovered _____ Ft. of _____
 Recovered _____ Ft. of _____
 Recovered _____ Ft. of _____

Calculated Recovery

Gas _____ Oil _____ WTR 1.5 MUD 3.5
 Gravity (Oil) _____ Corrected To Temp. _____ °F Test Water Chlorides 52,000 P.P.M.
 Test Area Temperature 96 °F Mud System Chlorides 30,000 P.P.M.

PRESSURE

	Field Reading	Office Reading	PSI
(A) Initial Hydrostatic Mud	<u>2,018</u>		
(B) First Initial Flow Pressure	<u>46</u>		
(C) First Final Flow Pressure	<u>46</u>		
(D) Initial Closed-in Pressure	<u>231</u>		
(E) Second Initial Flow Pressure	<u>46</u>		
(F) Second Final Flow Pressure	<u>46</u>		
(G) Final Closed-in Pressure	<u>104</u>		
(H) Final Hydrostatic Mud	<u>2,007</u>		



TEST REPORT

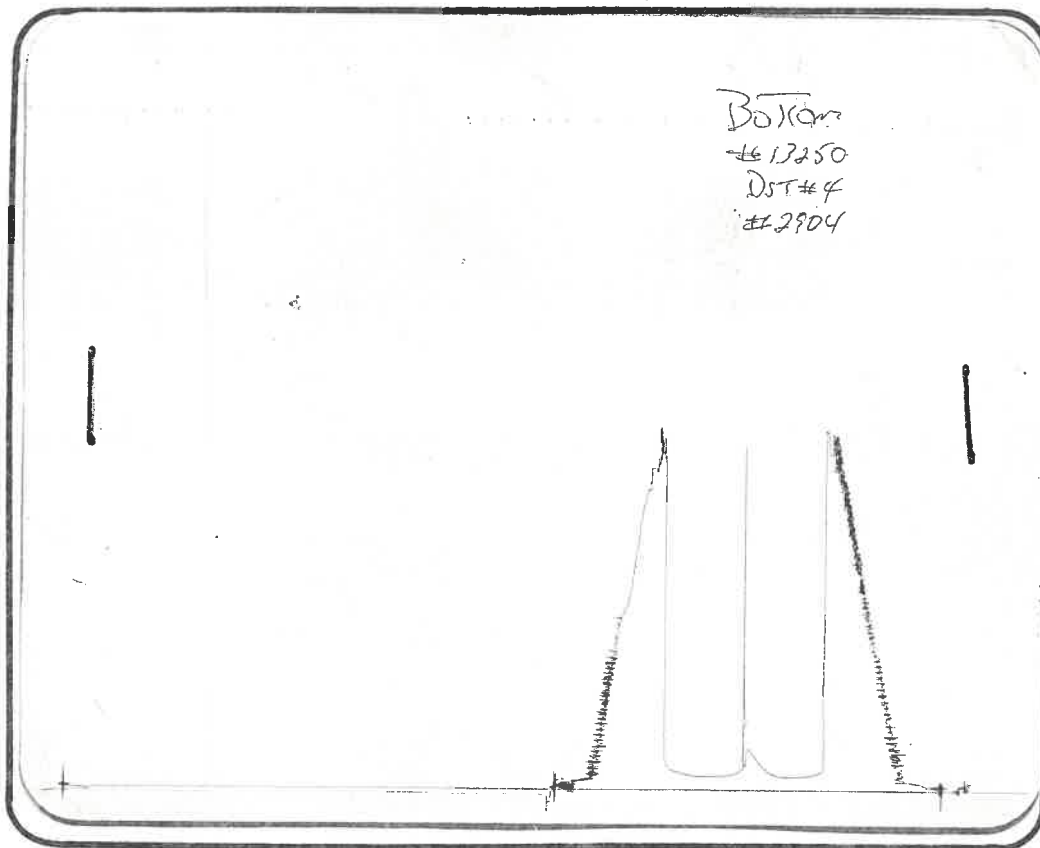
(303) 473-6909
P.O. Box 2260
Colorado Springs, CO 80901

Company A. Scott Ritchie Test Ticket No. 2904
Company Address Suite 950, 125 W. Market, Wichita, KS 67202 Date 5/16/83
Location: Sec. 8 Twp. 11S Rge. 22W Co. Trego State Kansas
Well Name And Number Baughman #2 "E" Tester Bud O'Dell
Contractor Murfin Drig. Rig No. 16 Co. Rep. Rocky Milford

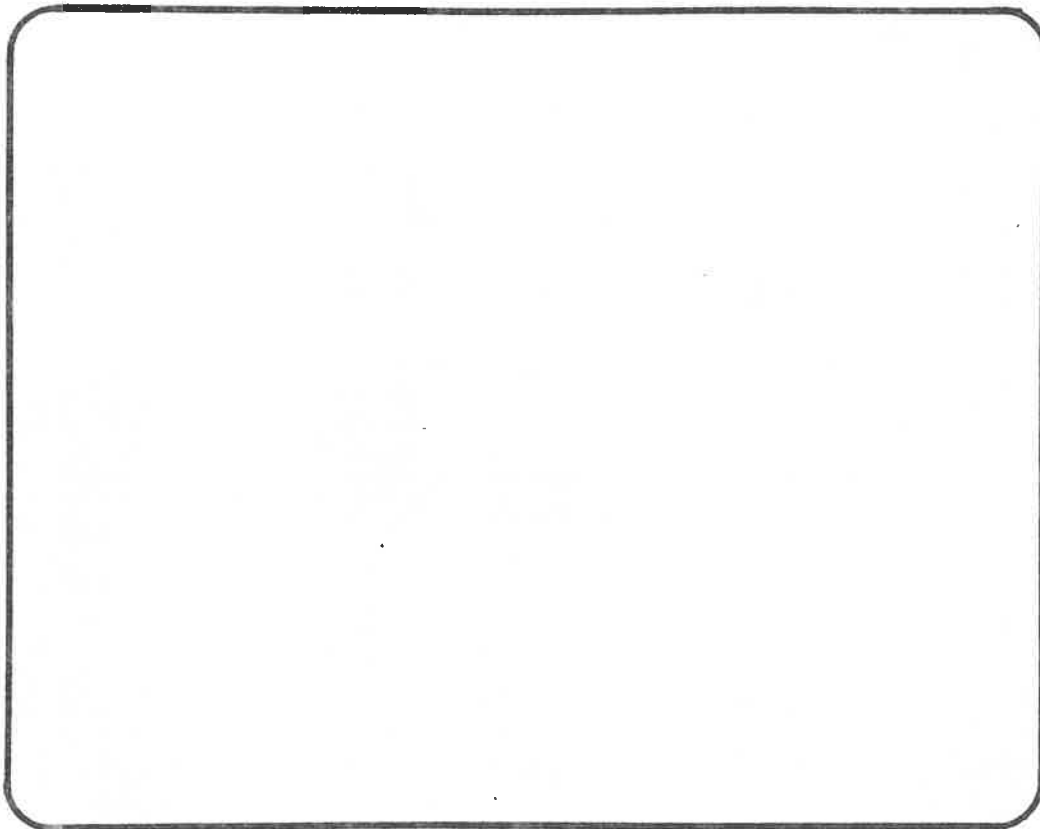
Engineering Data

Elevation 2,218 KB
Mud Viscosity 46
Mud Weight 9.9
Water Loss 12.4
Type of Mud Starch
Anchor Length 66'
Hole Size 7 7/8
Casing Size 8 5/8
Surface Choke 3/4
Bottom Choke 3/4
Drill Pipe Length 3,050 I.D. 3.8 In. _____
Weight Pipe Length 533 I.D. 2.76 In. _____
Drill Collar Length _____ I.D. _____ In. _____
Top Packer Depth 3,665
Bottom Packer Depth 3,670
Tool Joint Size 4 1/2 FH
Test Tool Size 5 1/2
Packer Size 6 3/4
Reversed Out No
Recorder Type and No. AK-1 13253 Clock Range No. 23934 12 Hr.
Recorder Type and No. AK-1 13250 Clock Range No. 23838 12 Hr.
Extra Equipment None
Remarks Chlorides pit sample - 40,000 PPM
Open Hole Test

CRUDE OIL TESTING INC.



Extra recorder chart



Blank off recorder chart

These are actual photographs of recorder charts.



42004

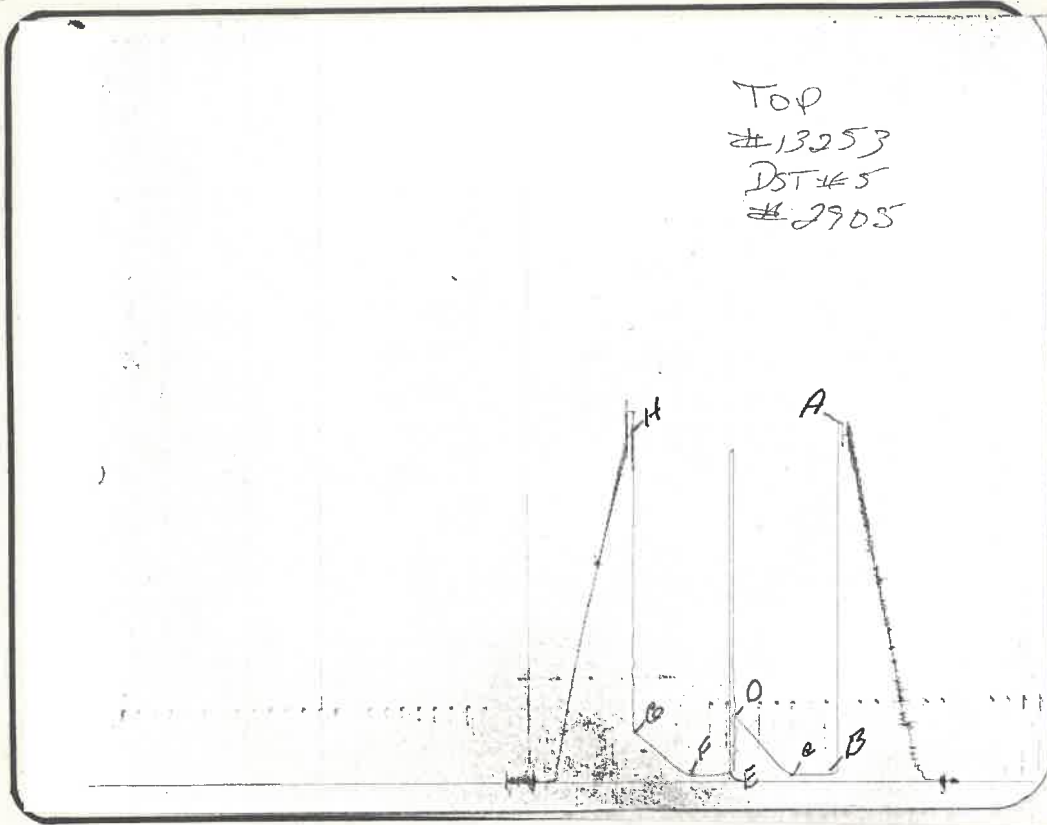
TOTAL FLUID 5.1

CRUDE OIL TESTING INC.

Date 5/17/83

Test Ticket No. 2905

DST # 5



Formation

Marmaton Zone _____ Type of Test Conventional
Interval 3.803 To 3.860 Total Depth 3.860
Open 30 Shut In 45 Open 30 Shut In 45
Packer(s) Set 9:47A M. Started off Bottom 12:20P M.
Blow 1st Opening Weak blow died in 17 minutes.
2nd Opening No blow, flushed tool-good surge-weak blow died in 2 mins.

Recovery

Total Feet 5'
Recovered 5' Ft. of Watery mud
Recovered _____ Ft. of (Very few oil specks)
Recovered _____ Ft. of _____
Recovered _____ Ft. of _____

Calculated Recovery

Gas _____ Oil _____ WTR 1 MUD 4
Gravity (Oil) _____ Corrected To Temp. _____ °F Test Water Chlorides 56,000 P.P.M.
Test Area Temperature _____ °F Mud System Chlorides 30,000 P.P.M.

PRESSURE

	Field Reading	Office Reading	PSI
(A) Initial Hydrostatic Mud	<u>2,145</u>	<u>2,119</u>	PSI
(B) First Initial Flow Pressure	<u>35</u>	<u>41</u>	PSI
(C) First Final Flow Pressure	<u>35</u>	<u>41</u>	PSI
(D) Initial Closed-in Pressure	<u>304</u>	<u>309</u>	PSI
(E) Second Initial Flow Pressure	<u>35</u>	<u>39</u>	PSI
(F) Second Final Flow Pressure	<u>35</u>	<u>39</u>	PSI
(G) Final Closed-in Pressure	<u>301</u>	<u>310</u>	PSI
(H) Final Hydrostatic Mud	<u>2,134</u>	<u>2,093</u>	PSI



TEST REPORT

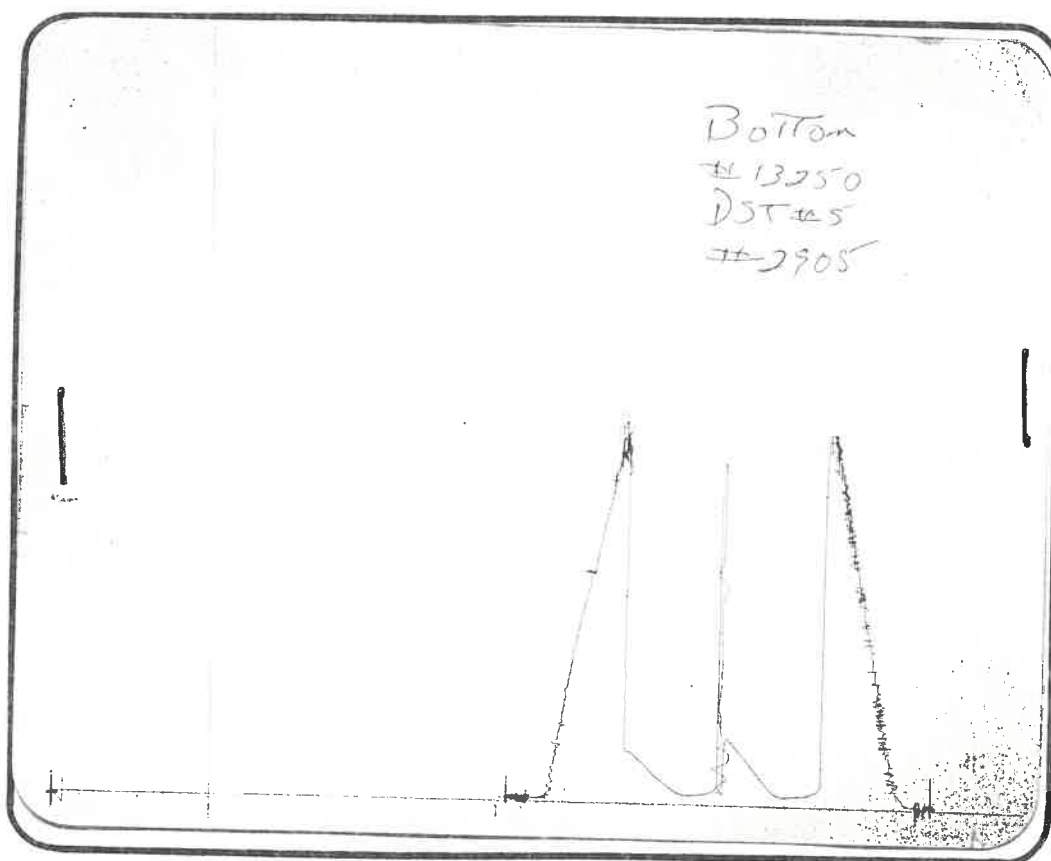
(303) 473-6909
P.O. Box 2260
Colorado Springs, CO 80901

Company A. Scott Ritchie Test Ticket No. 2905
Company Address Suite 950, 125 N. Market, Wichita, KS 67202 Date 5/17/83
Location: Sec. 8 Twp. 11S Rge. 22W Co. Trego State Kansas
Well Name And Number Baughman #2 "E" Tester Bud O'Dell
Contractor Murfin Drlg. Rtg No. 16 Co. Rep. Rocky Milford

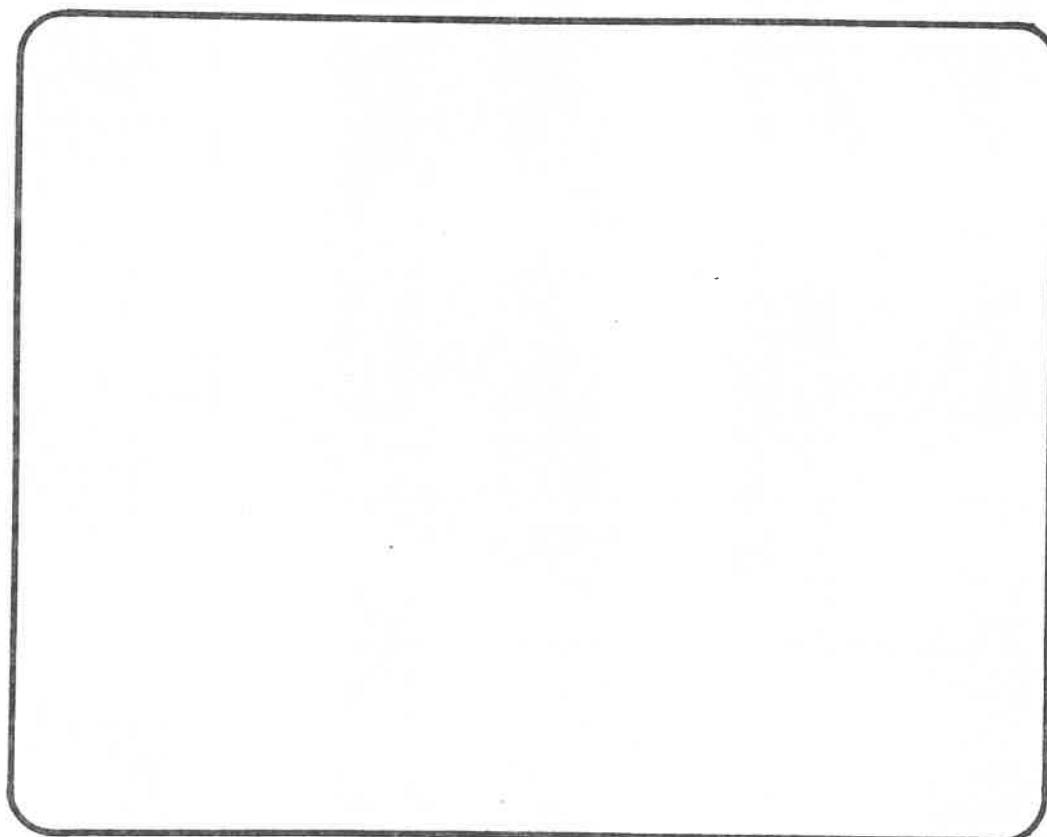
Engineering Data

Elevation 2,218 KB
Mud Viscosity 53
Mud Weight 10
Water Loss 13.6
Type of Mud Starch
Anchor Length 57'
Hole Size 7 7/8
Casing Size 8 5/8
Surface Choke 3/4
Bottom Choke 3/4
Drill Pipe Length 3,016 I.D. 3.8 In.
Weight Pipe Length 564 I.D. 2.76 In.
Drill Collar Length _____ I.D. _____ In.
Top Packer Depth. 3,798
Bottom Packer Depth 3,803
Tool Joint Size 4 1/2 FH + H-90
Test Tool Size 5 1/2
Packer Size 6 3/4
Reversed Out No
Recorder Type and No. AK-1 13253 Clock Range No. 23934 12 Hr.
Recorder Type and No. AK-1 13250 Clock Range No. 23838 12 Hr.
Extra Equipment None
Remarks Chlorides pit sample - 35,000 PPM
Open Hole Test

CRUDE OIL TESTING INC.



Extra recorder chart



Blank off recorder chart

These are actual photographs of recorder charts.

CRUDE OIL TESTING

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

Recorder Location 3.793 Ft. Recorder No. 13253 Test Ticket No. 2905

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of Min.

Initial Shut-In
Breakdown: 9 Inc.
of 5 mins. and a
final inc. of Min.

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of Min.

Final Shut-In
Breakdown: 8 Inc.
of 5 mins. and a
final inc. of 1 Min.

	Points Minutes	Press.	Points Minutes	Press.	Points Minutes	Press.	Points Minutes	Press.
P01	00	41	00	41	00	39	00	39
P02	05	41	05	54	05	39	05	62
P03	10	41	10	82	10	39	10	92
P04	15	41	15	125	15	39	15	131
P05	20	41	20	174	20	39	20	171
P06	25	41	25	220	25	39	25	207
P07	30	41	30	269	30	39	30	240
P08			35	315			35	273
P09			40	359			40	305
P10			45	399			41	310
P11								
P12								
P13								
P14								
P15								
P16								
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#2905

TOTAL FLUID 5.