

**WESTERN TESTING CO., INC.**

P.O. BOX 1599 — WICHITA, KANSAS 67201

WELL REPORT NO. 4201
UNIT NO.
DISTRICT 31

DATE 05/28/84

F. G. HOLL
6427 EAST KELLOGG
WICHITA, KANSAS 67207

FOR CUSTOMER'S USE ONLY

REGISTER NO.	VOUCHER NO.
TERMS APPROVED	PRICE APPROVED
CALCULATIONS CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTION	
AUDITED	FINAL APPROVAL

YOUR ORDER NO.	OWNER	CONTRACTOR
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WELL NO.	FARM	SECTION	TWP.	RANGE
1-7	ROSE "B"	7	30S	12W
	BARBER	KS		

DRILL STEM TEST FROM 2767' TO 2792' TOTAL DEPTH 2792' (TEST 1) \$ 550.00
JAR RENTAL 300.00
SAFETY JOINTS 65.00
INSURANCE 50.00
TOTAL \$ 965.00

DISCOUNT

\$ 9.65

1% DISCOUNT ALLOWED ON THIS INVOICE IF PAID
BY THE 20TH OF THE FOLLOWING MONTH.PLEASE INCLUDE OUR INVOICE NUMBER
WITH YOUR REMITTANCE

INVOICE NUMBER

4201

SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201

OPEN HOLE TESTING INSURANCE AVAILABLE

Details of Policy:

\$35,000 limit per hole

\$ 2,000 Fishing limit

\$ 2,500 Deductible per hole

Operator pays the deductible.

Deductible applies to total loss including tool and fishing with limits as above.

Premium per test - \$50.00 DST No. 1 Test Depth 2767-92

I want the open hole insurance.

I do not want the open hole insurance.

Legal Description of Location Rose 'B' 1-7

Bell Hay
Salesman Signature

F.G. Hall
Company Name

28 May 84
Date

W. Bryce Bullman
Customer Signature



WESTERN TESTING CO., INC.
FORMATION TESTING

Call - OK
TICKET N° 4201

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1840 GL Formation INDIAN CAVE Eff. Pay Ft.

H140 31 District LAMAR

Date 28 May 84 Customer Order No.

COMPANY NAME E.G. Hall

ADDRESS 6427 East Kellogg Wichita Kansas 67207

LEASE AND WELL NO. Rose "B" 1-7 COUNTY BARBER STATE Kan Sec. 7 Twp. 30S Rge. 12W

Mail Invoice To #1-7 "B" Rose Co. Name Address No. Copies Requested

Mail Charts To Same Address No. Copies Requested

Formation Test No. #1 Interval Tested From 2672767 ft. to 2792 ft. Total Depth 2792 ft.

Packer Depth 2762 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2767 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2773 ft. Recorder Number 13221 Cap. 4450

Bottom Recorder Depth (Outside) 2775 ft. Recorder Number 13551 Cap. 4150

Below Saddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor D. D. #2 Drill Collar Length 420 I. D. 2 1/4 in.

Mud Type Creamy Viscosity 42 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 11.2 cc. Drill Pipe Length 2320 I. D. 3 1/8 in.

Chlorides 53,000 P.P.M. Test Tool Length - ft. Tool Size 5 1/2 in.

Jars: Make L. J. Serial Number 411 Anchor Length 25 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: 2 strokes blow on 1st / blow pulled / strings etc.

Recovered 120 ft. of slightly gas out muddy water 60% water 40% mud

Recovered 720 ft. of slightly gas out salt water

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Chlorides 100,000 P.P.M. Sample Jars used 4 Remarks: -

RECEIVED
MAY 30 1984

Time On Location 2:00 A.M. Time Pick Up Tool 3:00 P.M. Time Off Location 9:30 P.M.

Time Set Packer(s) 4:40 A.M. Time Started Off Bottom 7:10 P.M. Maximum Temperature 102

Initial Hydrostatic Pressure (A) 1473 P.S.I.

Initial Flow Period (B) 30 Minutes 135 P.S.I. to (C) 247 P.S.I.

Initial Closed In Period (D) 30 Minutes 960 P.S.I.

Final Flow Period (E) 60 Minutes 427 P.S.I. to (F) 539 P.S.I.

Final Closed In Period (G) 30 Minutes 938 P.S.I.

Final Hydrostatic Pressure (H) 1450 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By [Signature] Signature of Customer or his authorized representative

Western Representative [Signature] Thank you

FIELD INVOICE

Open Hole Test	\$ 550.00
Mistrun	\$
Straddle Test	\$
Jars	\$ 300.00
Selective Zone	\$
Safety Joint	\$ 65.00
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage	\$
Fluid Sampler	\$
Extra Charts	\$
Insurance	\$ 50.00
Telecopier	\$
TOTAL	\$ 965.00

WESTERN TESTING CO., INC.

Pressure Data

Date 5-28

Test Ticket No. 4201

Recorder No. 13221

Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1473</u> P.S.I.		M
B First Initial Flow Pressure	<u>137</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>254</u> P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>959</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>323</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>444</u> P.S.I.		
G Final Closed-in Pressure	<u>936</u> P.S.I.		
H Final Hydrostatic Mud	<u>1450</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

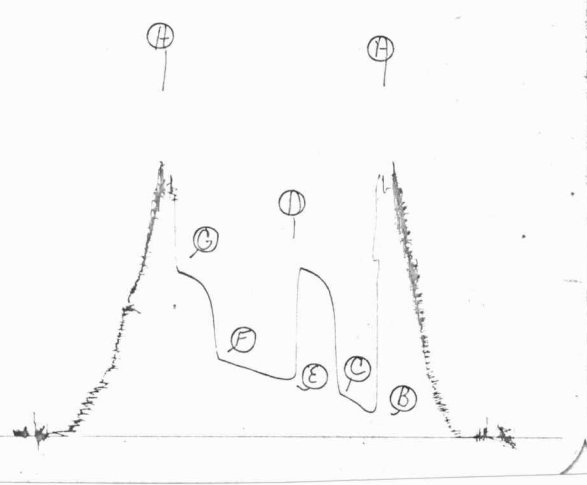
Second Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>137</u>	0	<u>254</u>	0	<u>323</u>	0	<u>444</u>
P 2 5	<u>137</u>	3	<u>495</u>	5	<u>323</u>	3	<u>607</u>
P 3 10	<u>156</u>	6	<u>798</u>	10	<u>323</u>	6	<u>768</u>
P 4 15	<u>187</u>	9	<u>853</u>	15	<u>332</u>	9	<u>829</u>
P 5 20	<u>210</u>	12	<u>884</u>	20	<u>345</u>	12	<u>861</u>
P 6 25	<u>232</u>	15	<u>908</u>	25	<u>356</u>	15	<u>884</u>
P 7 30	<u>254</u>	18	<u>927</u>	30	<u>372</u>	18	<u>900</u>
P 8 35		21	<u>940</u>	35	<u>386</u>	21	<u>909</u>
P 9 40		24	<u>950</u>	40	<u>397</u>	24	<u>918</u>
P10 45		27	<u>959</u>	45	<u>408</u>	27	<u>927</u>
P11 50		30		50	<u>423</u>	30	<u>936</u>
P12 55		33		55	<u>437</u>	33	
P13 60		36		60	<u>444</u>	36	
P14		39		65		39	
P15		42		70		42	
P16		45		75		45	
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

13781 JKT # 4201

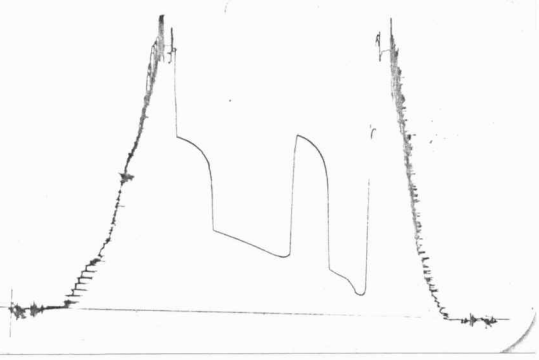
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TKT # 4201

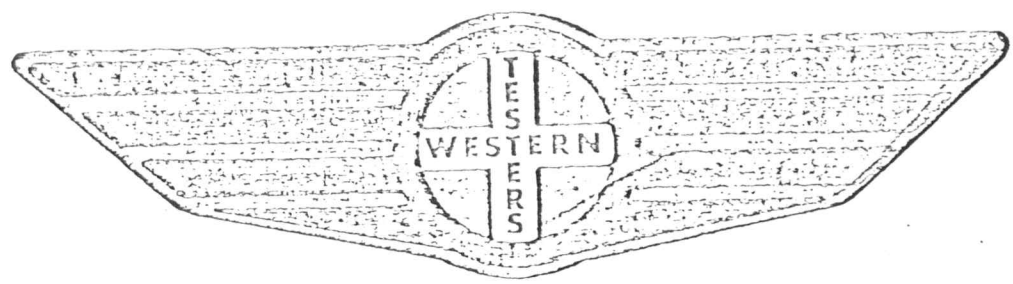
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

pany F.G. HOOL

Lease and Well No. #1-7 "B" ROSE

Sec. 7

Twp. 30S Rge. 12W

Test No. 1

Date 5/28/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 5/28/84
CUSTOMER: F.G. HOLL
WELL: 1-7
ELEVATION (KB): 1845
SECTION: 7
RANGE: 12W
WELL SN #13221

TEST: 1

FORMATION: INDIAN CAVE
TOWNSHIP: 30S

COUNTY: BARBER
RANGE: 4450

TICKET #4201
LEASE: "B" ROSE
GEOLOGIST: BIDELMAN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 2767 FT TO: 2792 FT TOTAL DEPTH: 2792 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 2762 FT SIZE: 6 3/4 IN PACKER DEPTH: 2767 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: STERLING

DRILL TYPE: PREMIX VISCOSITY: 42
DRILL FLIGHT: 9.4 WATER LOSS (CC): 11.2
CHLORIDES (P.P.M.): 53000
DRILLERS - MAKE: W.T.C. SERIAL NUMBER: 411
DRILL WELL FLOW? NO REVERSED OUT? NO

DRILL COLLAR LENGTH: 420 FT I.D.: 2.25 IN
DRILL PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 2320 FT I.D.: 3.8 IN
DRILL TOOL LENGTH: 27 FT TOOL SIZE: 5 1/2 O.D. IN
DRILL ANCHOR LENGTH: 25 FT SIZE: 5 1/2 O.D. IN
DRILL SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
DRILL MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 X.H. IN

DRILL LOG: STRONG BLOW THROUGHOUT TEST.

RECOVERED: 120 FT OF: SLIGHTLY GAS CUT MUDDY WATER; 60% WATER; 40% MU
RECOVERED: 720 FT OF: SLIGHTLY GAS CUT SALTY WATER
RECOVERED: FT OF: CHLORIDES 100000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 4:40 P.M.
WELL TEMPERATURE: 102 °F

TIME STARTED OFF BOTTOM: 7:10 P.M.

INITIAL HYDROSTATIC PRESSURE:		(A) 1473	PSI	
INITIAL FLOW PERIOD	MIN: 30	(B) 137	PSI TO (C) 254	PSI
INITIAL CLOSED IN PERIOD	MIN: 27	(D) 959	PSI	
FINAL FLOW PERIOD	MIN: 60	(E) 323	PSI TO (F) 444	PSI
FINAL CLOSED IN PERIOD	MIN: 30	(G) 936	PSI	
FINAL HYDROSTATIC PRESSURE		(H) 1450	PSI	



WESTERN TESTING CO., INC.

P.O. BOX 1599 — WICHITA, KANSAS 67201

WELL REPORT NO.	4202
UNIT NO.	12
DISTRICT	

DATE 05/30/84

F. G. HOLL
6427 EAST KELLOGG
WICHITA, KANSAS 67207

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO.
TERMS APPROVED	PRICE APPROVED
CALCULATIONS CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTION	
AUDITED	FINAL APPROVAL

YOUR ORDER NO.	OWNER	CONTRACTOR
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WELL NO.		FARM			SECTION	TWP	RANGE
1-17	ROSE "B"		BARBER	KS	7	30S	12W

DRILL STEM TEST FROM 3738' TO 3764' TOTAL DEPTH 3764' (TEST 2) \$ 550.00
JAR RENTAL 300.00
SAFETY JOINTS 65.00
INSURANCE 50.00

TOTAL \$ 965.00

DISCOUNT \$ 9.65	1% DISCOUNT ALLOWED ON THIS INVOICE IF PAID BY THE 20TH OF THE FOLLOWING MONTH.	PLEASE INCLUDE OUR INVOICE NUMBER WITH YOUR REMITTANCE	INVOICE NUMBER 4202
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SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201

OPEN HOLE TESTING INSURANCE AVAILABLE

Details of Policy:

\$35,000 limit per hole

\$ 2,000 Fishing limit

\$ 2,500 Deductible per hole

Operator pays the deductible.

Deductible applies to total loss including tool and fishing with limits as above.

Premium per test - \$50.00 DST No. 2 Test Depth 3738 - 3764

I want the open hole insurance.

I do not want the open hole insurance.

Legal Description of Location

Rose B-1-17

R. A. May
Salesman Signature

F.G. Hatt
Company Name

5-30-84
Date

W. Bruce Bullman
Customer Signature



WESTERN TESTING CO., INC.
FORMATION TESTING

Call - OK
Nº 4202

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 262-5861

Elevation 1840' G.L. Formation Douglas Eff. Pay - Ft.

District PRATT Date 5-30-84 Customer Order No. -

COMPANY NAME F.G. HALL

ADDRESS 6427 E. Kellogg, Wichita, KS 67207

LEASE AND WELL NO. Rose B-1-17 COUNTY Barber STATE KAN Sec. 7 Twp. 30S Rge. 12W

Mail Invoice To Same #1-17 "B" ROSE No. Copies Requested 2

Mail Charts To Same Address No. Copies Requested 2

Formation Test No. 2 Interval Tested From 3738 ft. to 3764 ft. Total Depth 3764 ft.

Packer Depth 3733 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3738 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3748 ft. Recorder Number 13351 Cap. 4150

Bottom Recorder Depth (Outside) 3751 ft. Recorder Number 13221 Cap. 4450

Below Saddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor STEERING ORtg #2 Drill Collar Length 420' I. D. 2.2 in.

Mud Type DRISpac Viscosity 49 Weight Pipe Length - I. D. - in.

Weight 9.2 Water Loss 12.8 cc. Drill Pipe Length 3291 I. D. 2.2 in.

Chlorides 14,000 P.P.M. Test Tool Length 27 ft. Tool Size 5/2 O.D. in.

Jars: Make WTC Serial Number 411 Anchor Length 26 ft. Size 5/2 O.D. in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7/8 in. Tool Joint Size 4 1/2 X 4 in.

Blow: W WEAK I.F.P. slight build - WEAK-FAIR blow 2nd flow period no gas to surface

Recovered 60' ft. of Mud w/SL show ORtg

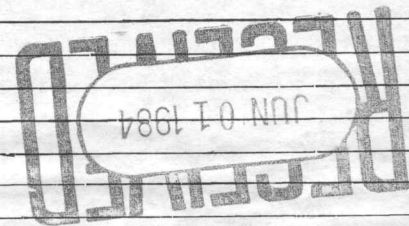
Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

Chlorides 19,000 P.P.M. Sample Jars used 1 Remarks:



Time On Location 3:00 A.M. Time Pick Up Tool 4:00 P.M. Time Off Location 11:00 A.M. P.M.

Time Set Packer(s) 5:37 A.M. Time Started Off Bottom 8:07 P.M. Maximum Temperature 112°F

Initial Hydrostatic Pressure (A) 1977 P.S.I.

Initial Flow Period (B) 30" Minutes 40 41 P.S.I. to (C) 41 P.S.I.

Initial Closed In Period (D) 30" Minutes 73 P.S.I.

Final Flow Period (E) 60" Minutes 41 P.S.I. to (F) 41 P.S.I.

Final Closed In Period (G) 30" Minutes 83 P.S.I.

Final Hydrostatic Pressure (H) 1925 P.S.I.

COMPANY TERMS

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All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By W. Bryce Bidler Signature of Customer or his authorized representative

Western Representative Red Irict 2076

FIELD INVOICE

Table with 2 columns: Item and Amount. Items include Open Hole Test (\$550.00), Misrun, Straddle Test, Jars (\$300.00), Selective Zone, Safety Joint (\$105.00), Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance (\$150.00), Telecopier, and TOTAL (\$965.00).

WESTERN TESTING CO., INC.

Pressure Data

Date 5-30

Test Ticket No. 4202

Recorder No. 13551

Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1848</u>	P.S.I.		
B First Initial Flow Pressure	<u>42</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>46</u>	P.S.I.	<u>30</u> Mins.	<u>24</u> Mins.
D Initial Closed-in Pressure	<u>82</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>52</u>	P.S.I.	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>53</u>	P.S.I.		
G Final Closed-in Pressure	<u>95</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1838</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 9 Inc.
of 3 mins. and a
final inc. of 0 Min.

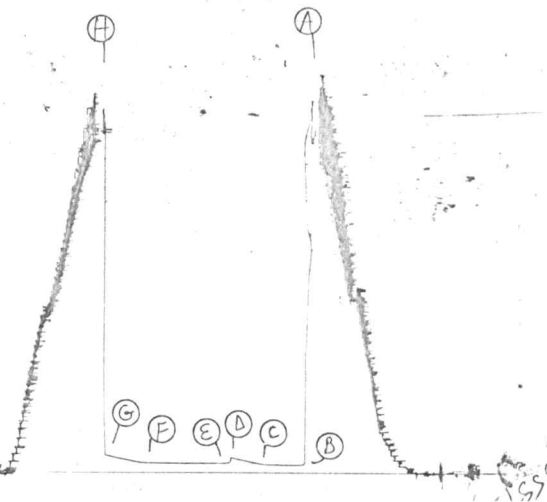
Second Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 12 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>42</u>	0	<u>46</u>	0	<u>52</u>	0	<u>53</u>
P 2 5	<u>42</u>	3	<u>50</u>	5		3	<u>56</u>
P 3 10	<u>42</u>	6	<u>54</u>	10		6	<u>59</u>
P 4 15	<u>42</u>	9	<u>58</u>	15		9	<u>62</u>
P 5 20	<u>43</u>	12	<u>63</u>	20		12	<u>65</u>
P 6 25	<u>44</u>	15	<u>68</u>	25		15	<u>68</u>
P 7 30	<u>46</u>	18	<u>73</u>	30	<u>52</u>	18	<u>73</u>
P 8 35		21	<u>78</u>	35	<u>53</u>	21	<u>78</u>
P 9 40		24	<u>82</u>	40		24	<u>83</u>
P10 45		27		45		27	<u>87</u>
P11 50		30		50		30	<u>91</u>
P12 55		33		55		33	<u>95</u>
P13 60		35		60	<u>53</u>	36	
P14		39		65		39	
P15		42		70		42	
P16		45		75		45	
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

TKT # 4202

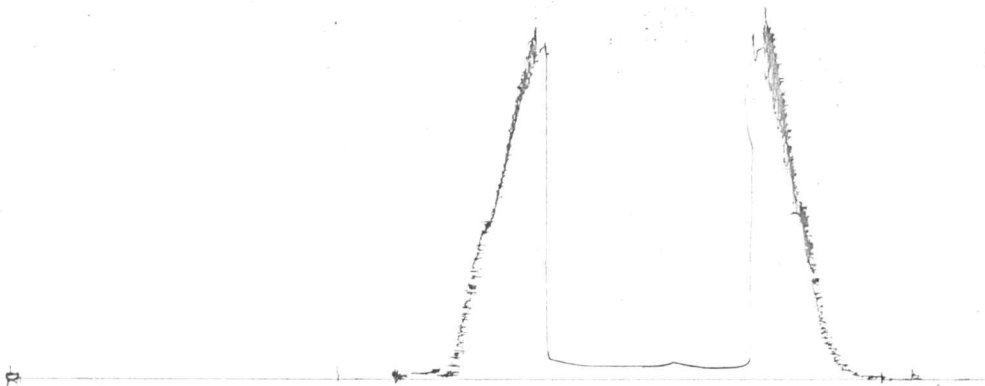
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TKT # 4202

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WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 5/30/84
CUSTOMER: F.G.HOLL
WELL: #1-17
ELEVATION (KB): 18845
SECTION: 7
RANGE: 12W
GAUGE SN #13551

TEST: 2
FORMATION: DOUGLAS
TOWNSHIP: 30S
COUNTY: BARBER
RANGE: 4150

TICKET #4202
LEASE: ROSE "B"
GEOLOGIST: BIDLEMAN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 3738 FT TO: 3764 FT TOTAL DEPTH: 3764 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3733 FT SIZE: 6 3/4 IN PAKER DEPTH: 3738 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: STERLING
MUD TYPE: DRISPAC VISCOSITY: 49
WEIGHT: 9.2 WATER LOSS (CC): 12.8
CHLORIDES (P.P.M.): 19000
JARS - MAKE: W.T.C. SERIAL NUMBER: 411
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 420 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3291 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 27 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 26 FT SIZE: 5 1/2 O.D. IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

BLOW: INITIAL FLOW PERIOD WEAK BLOW WITH
SLIGHT BUILD. FINAL FLOW PERIOD
WEAK TO FAIR BLOW WITH NO GAS TO SURFACE.

RECOVERED: 60 FT OF: MUD WITH SLIGHT SHOW OF OIL.
RECOVERED: FT OF: CHLORIDES 19000 P.P.M.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 5:37 P.M. TIME STARTED OFF BOTTOM: 8:07 P.M.
WELL TEMPERATURE: 112 °F
INITIAL HYDROSTATIC PRESSURE: (A) 1848 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 42 PSI TO (C) 46 PSI
INITIAL CLOSED IN PERIOD MIN: 24 (D) 82 PSI
FINAL FLOW PERIOD MIN: 60 (E) 52 PSI TO (F) 53 PSI
FINAL CLOSED IN PERIOD MIN: 33 (G) 95 PSI
FINAL HYDROSTATIC PRESSURE (H) 1838 PSI

WESTERN TESTING COMPANY INC.
PRESSURE DATA

DATE: 5/30/84
CUSTOMER: F.G.HOLL
WELL: #1-17
ELEVATION (KB): 18845
SECTION: 7
RANGE: 12W
RANGE SN #13551

TEST: 2
COUNTY: BARBER
RANGE: 4150

TICKET #4202
LEASE: ROSE "B"
GEOLOGIST: BIDLEMAN
FORMATION: DOUGLAS
TOWNSHIP: 30S
STATE: KANSAS
CLOCK: 12

INITIAL HYDROSTATIC PRESSURE: 1848 PSI
FIRST INITIAL FLOW PRESSURE: 42 PSI
FIRST FINAL FLOW PRESSURE: 46 PSI
INITIAL CLOSED-IN PRESSURE: 82 PSI
SECOND INITIAL FLOW PRESSURE: 52 PSI
SECOND FINAL FLOW PRESSURE: 53 PSI
FINAL CLOSED-IN PRESSURE: 95 PSI
FINAL HYDROSTATIC PRESSURE: 1838 PSI
WELL TEMPERATURE: 112 °F
WELL OPEN TOOL: 5:37 P.M.

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	30 MIN
INITIAL CLOSED-IN PRESSURE:	30 MIN	24 MIN
SECOND FLOW PRESSURE:	60 MIN	60 MIN
FINAL CLOSED-IN PRESSURE:	30 MIN	33 MIN

PRESSURE BREAKDOWN

FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
0	42	0	46	0	52	0	53
5	42	3	50	5	52	3	56
10	42	6	54	10	52	6	59
15	42	9	58	15	52	9	62
20	43	12	63	20	52	12	65
25	44	15	68	25	52	15	68
30	46	18	73	30	52	18	73
		21	78	35	53	21	78
		24	82	40	53	24	83
				45	53	27	87
				50	53	30	91
				55	53	33	95
				60	53		



WESTERN TESTING CO., INC.
P.O. BOX 1599 — WICHITA, KANSAS 67201

WELL REPORT NO. 4203
UNIT NO.
DISTRICT 12

DATE 06/01/84

F. G. HOLL
6427 EAST KELLOGG
WICHITA, KANSAS 67207

FOR CUSTOMER'S USE ONLY

REGISTER NO.

VOUCHER NO.

TERMS APPROVED

PRICE APPROVED

CALCULATIONS CHECKED

ADJUSTMENTS

ACCOUNTING DISTRIBUTION

AUDITED

FINAL APPROVAL

YOUR ORDER NO.

OWNER

CONTRACTOR

WELL NO.

FARM

SECTION

TWP.

RANGE

-7

"B" ROSE

BARBER

KS

7

30S

12W

DRILL STEM TEST FROM 4271' TO 4318' TOTAL DEPTH 4318' (TEST 3) \$ 595.00
INSURANCE 50.00
TOTAL \$ 645.00

DISCOUNT

1% DISCOUNT ALLOWED ON THIS INVOICE IF PAID
BY THE 20TH OF THE FOLLOWING MONTH.

PLEASE INCLUDE OUR INVOICE NUMBER
WITH YOUR REMITTANCE

INVOICE NUMBER

\$ 6.45

4203

SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201

OPEN HOLE TESTING INSURANCE AVAILABLE

Details of Policy:

\$35,000 limit per hole

\$ 2,000 Fishing limit

\$ 2,500 Deductible per hole

Operator pays the deductible.

Deductible applies to total loss including tool and fishing with limits as above.

Premium per test - \$50.00 DST No. 3 Test Depth 4318'

I want the open hole insurance.

I do not want the open hole insurance.

Legal Description of Location Rose B-1-7

[Signature]
Salesman Signature

F. G. HALL
Company Name

6-1-84
Date

[Signature]
Customer Signature



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

No. *OW* 4203

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation *1840' G.L.* Formation *MASSEY* Eff. Pay _____ Ft.

District *12 Pratt* Date *6-1-84* Customer Order No. _____

COMPANY NAME *H140 F.G. HALL*

ADDRESS *6427 E. Kellogg, Wichita, KS 67207*

LEASE AND WELL NO. *Rose B-1-7* COUNTY *BARBER* STATE *KS* Sec. *7* Twp. *30S* Rge. *12W*

Mail Invoice To *Same* No. Copies Requested *Req*

Mail Charts To *Same* Co. Name *#1-7 "B" ROSE* Address _____ No. Copies Requested *Req*

Formation Test No. *#3* Interval Tested From *4271* ft. to *4318* ft. Total Depth *4318* ft.

Packer Depth *4266* ft. Size *6 3/4* in. Packer Depth _____ ft. Size _____ in.

Packer Depth *4271* ft. Size *6 3/4* in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) *4281* ft. Recorder Number *13221* Cap. *4450*

Bottom Recorder Depth (Outside) *4284* ft. Recorder Number *13331* Cap. *4150*

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor *STERLING DRIL RIG #2* Drill Collar Length *420* I. D. *2.2* in.

Mud Type *DRISPAK* Viscosity *51* Weight Pipe Length _____ I. D. _____ in.

Weight *9.4* Water Loss *13.8* cc. Drill Pipe Length *3862* I. D. *3.8* in.

Chlorides *24,000* P.P.M. Test Tool Length *20* ft. Tool Size *5 1/2* in.

Jars: Make _____ Serial Number _____ Anchor Length *16* ft. Size *5 1/2* in.

Did Well Flow? *NO* Reversed Out *NO* Surface Choke Size *3/4* in. Bottom Choke Size *3/4* in.

Main Hole Size *7 7/8* in. Tool Joint Size *4 1/2 NH* in.

Blow: *WEAK TO STRONG BLOW 2.F.P. OFF BOTTOM OF BUCKET 13" NO. G.T.S.*

STRONG BLOW THRU-OUT 2ND F.P. OFF BOTTOM OF BUCKET IMMEDIATELY NO G.T.S.

Recovered *63* ft. of *DRY MUD UN CUT*

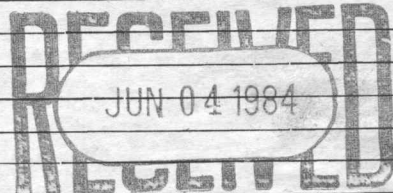
Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides *24,000* P.P.M. Sample Jars used *1* Remarks: _____



Time On Location *10:45* *A.M.* Time Pick Up Tool *12:45* *P.M.* Time Off Location *8:00* *P.M.*

Time Set Packer(s) *2:35* *P.M.* Time Started Off Bottom *5:05* *P.M.* Maximum Temperature *118°*

Initial Hydrostatic Pressure (A) *2352* P.S.I.

Initial Flow Period (B) *30* Minutes (C) *45* P.S.I. to (C) *45* P.S.I.

Initial Closed In Period (D) *30* Minutes (E) *340* P.S.I.

Final Flow Period (F) *60* Minutes (G) *78* P.S.I. to (F) *45* P.S.I.

Final Closed In Period (H) *30* Minutes (I) *573* P.S.I.

Final Hydrostatic Pressure (J) *2206* P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By *W. Bruce Bidler*
Signature of Customer or his authorized representative

Western Representative *Ray A. Meyer* *1370*
Shankerson

FIELD INVOICE

Open Hole Test	\$ <i>595.00</i>
Misrun	\$ _____
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ _____
Mileage	\$ _____
Fluid Sampler	\$ _____
Extra Charts	\$ _____
Insurance	\$ <i>50.00</i>
Telecopier	\$ _____
TOTAL	\$ <i>645.00</i>

WESTERN TESTING CO., INC.

Pressure Data

4203

Date: Ce-1-84 Recorder No. 13221 Capacity _____ Location _____ Ft. _____
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	P.S.I.	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	2311	P.S.I.	_____	M	_____
B First Initial Flow Pressure	55	P.S.I.	_____	Mins.	Mins.
C First Final Flow Pressure	55	P.S.I.	_____	Mins.	Mins.
D Initial Closed-in Pressure	298	P.S.I.	_____	Mins.	Mins.
E Second Initial Flow Pressure	59	P.S.I.	_____	Mins.	Mins.
F Second Final Flow Pressure	63	P.S.I.	_____	Mins.	Mins.
G Final Closed-in Pressure	473	P.S.I.	_____	Mins.	Mins.
H Final Hydrostatic Mud	2210	P.S.I.	_____	_____	_____

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 7 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 13 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

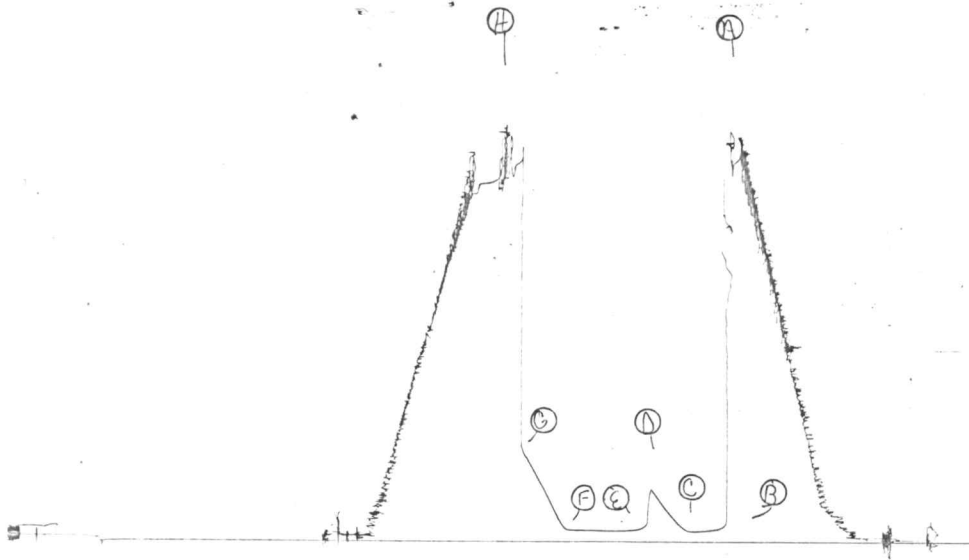
Final Shut-In
 Breakdown: 11 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	55	0	55	0	59	0	63
P 2 5		3	77	5		3	77
P 3 10		6	97	10		6	118
P 4 15		9	127	15	59	9	167
P 5 20		12	153	20		12	212
P 6 25		15	181	25	180	15	261
P 7 30	55	18	215	30	60	18	305
P 8 35		21	247	35	61	21	346
P 9 40		24	277	40	61	24	389
P10 45		27	298	45	62	27	432
P11 50		30	_____	50	62	30	473
P12 55		33	_____	55	63	33	_____
P13 60		36	_____	60	63	36	_____
P14 _____		39	_____	65	_____	39	_____
P15 _____		42	_____	70	_____	42	_____
P16 _____		45	_____	75	_____	45	_____
P17 _____		48	_____	80	_____	48	_____
P18 _____		51	_____	85	_____	51	_____
P19 _____		54	_____	90	_____	54	_____
P20 _____		57	_____	_____	_____	57	_____
		60	_____	_____	_____	60	_____

13021

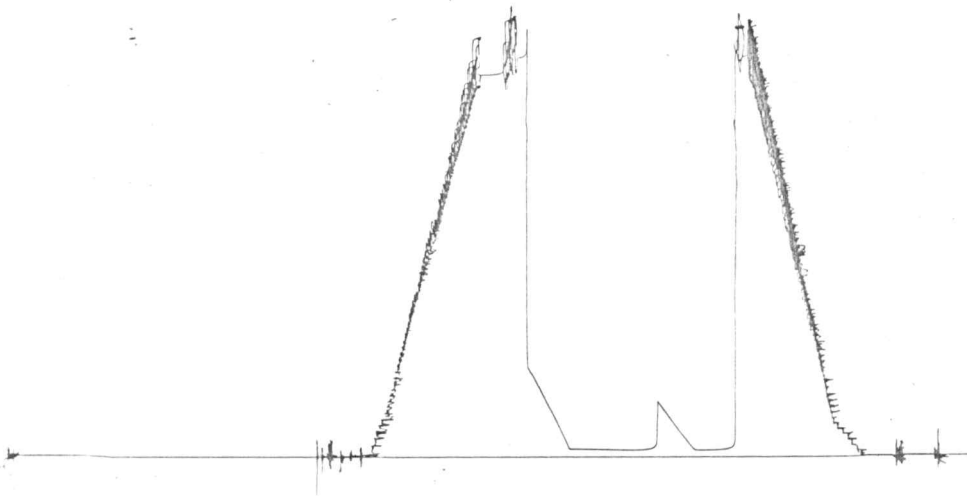
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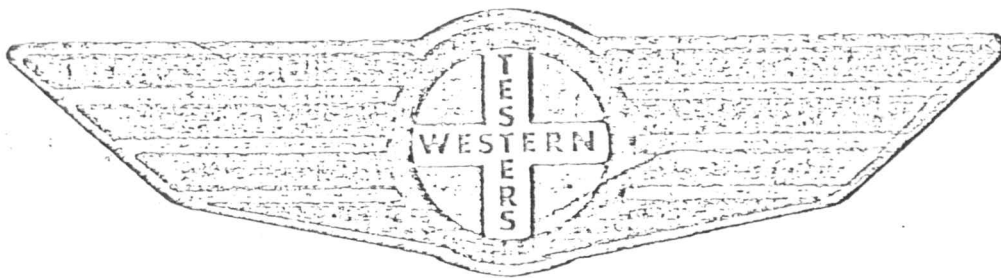
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company F.G. HOLL Lease and Well No. #1-7 "B" ROSE Sec. 7 Twp. 30s Rge. 12w Test No. 3 Date 6/1/87

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 6/1/84
CUSTOMER: F.G.HOLL
WELL: #1-7
ELEVATION (KB): 1845
SECTION: 7
RANGE: 12W
RANGE SN #13221

TEST: 3
FORMATION: MASSEY
TOWNSHIP: 30S
COUNTY: BARBER
RANGE: 4450

TICKET #4203
LEASE: ROSE "B"
GEOLOGIST: BIDLEMAN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4271 FT TO: 4318 FT TOTAL DEPTH: 4318 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4266 FT SIZE: 6 3/4 IN PACKER DEPTH: 4271 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

RILLING CONTRACTOR: STERLING
MUD TYPE: DRISPAC VISCOSITY: 51
EIGHT: 9.4 WATER LOSS (CC): 13.8
CHLORIDES (P.P.M.): 24000
MARS - MAKE: SERIAL NUMBER:
MUD WELL FLOW? NO REVERSED OUT? NO
RILL COLLAR LENGTH: 420 FT I.D.: 2.25 IN
EIGHT PIPE LENGTH: FT I.D.: IN
RILL PIPE LENGTH: 3862 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 16 FT SIZE: 5 1/2 O.D. IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MUD HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

FLOW: INITIAL FLOW PERIOD WEAK TO STRONG; OFF BOTTOM
OF BUCKET 13" NO GTS. FINAL FLOW
STRONG BLOW THROUGHOUT OFF BOTTOM OF
BUCKET IMMEDIATELY NO GTS.

RECOVERED: 63 FT OF: DRUG MUD UNCUT. CHLORIDES 24000 P.P.M.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 2:35 P.M. TIME STARTED OFF BOTTOM: 5:05 P.M.
MUD TEMPERATURE: 118 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2311 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 55 PSI TO (C) 55 PSI
INITIAL CLOSED IN PERIOD MIN: 27 (D) 298 PSI
FINAL FLOW PERIOD MIN: 60 (E) 59 PSI TO (F) 63 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 473 PSI
FINAL HYDROSTATIC PRESSURE (H) 2210 PSI



WESTERN TESTING CO., INC.

P.O. BOX 1599 — WICHITA, KANSAS 67201

DATE 06/02/84

F. G. HOLL
6427 EAST KELLOGG
WICHITA, KANSAS 67207

WELL REPORT NO. 4204
UNIT NO. 12
DISTRICT

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO.
TERMS APPROVED	PRICE APPROVED
CALCULATIONS CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTION	
AUDITED	FINAL APPROVAL

YOUR ORDER NO.	OWNER	CONTRACTOR	

WELL NO.	FARM	SECTION	TWP.	RANGE
1-7	ROSE "B"	BARBER	KS 7	30S 12W

DRILL STEM TEST FROM 4320' TO 4366' TOTAL DEPTH 4366' (TEST 4) \$ 595.00
INSURANCE 50.00
TOTAL \$ 645.00

DISCOUNT	1% DISCOUNT ALLOWED ON THIS INVOICE IF PAID BY THE 20TH OF THE FOLLOWING MONTH.	PLEASE INCLUDE OUR INVOICE NUMBER WITH YOUR REMITTANCE	INVOICE NUMBER 4204
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SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201

OPEN HOLE TESTING INSURANCE AVAILABLE

Details of Policy:

\$35,000 limit per hole

\$ 2,000 Fishing limit

\$ 2,500 Deductible per hole

Operator pays the deductible.

Deductible applies to total loss including tool and fishing with limits as above.

Premium per test - \$50.00 DST No. 4 Test Depth 4366'

I want the open hole insurance.

I do not want the open hole insurance.

Legal Description of Location Rose B-1-7

[Handwritten Signature]
Salesman Signature

F.G. HALL
Company Name

6-2-84
Date

[Handwritten Signature]
Customer Signature



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 4204

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 262-5861

Elevation 1840 Formation MISSISSIPPI Eff. Pay Ft.

District PRAT Date 6-2-84 Customer Order No.

COMPANY NAME F.G. HALL

ADDRESS 6427 East Kellogg, Wichita, KS. 67207

LEASE AND WELL NO. Rose B-1-7 COUNTY BARBER STATE KS Sec. 7 Twp. 30S Rge. 12W

Mail Invoice To Same Co. Name No. Copies Requested Ry

Mail Charts To Same #1-7 "B" ROSE Address No. Copies Requested Ry

Formation Test No. #4 Interval Tested From 4320 ft. to 4366 ft. Total Depth 4366 ft.

Packer Depth 4315 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4320 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4330 ft. Recorder Number 13221 Cap. 4450

Bottom Recorder Depth (Outside) 4333 ft. Recorder Number 13551 Cap. 4150

Below Saddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor SPERLING Drty Ry #2 Drill Collar Length 390 I. D. 2.2 in.

Mud Type DRISPAK Viscosity 51 Weight Pipe Length I. D. in.

Weight 9.4 Water Loss 13.8 cc. Drill Pipe Length 3910 I. D. 3.8 in.

Chlorides 24,000 P.P.M. Test Tool Length 20 ft. Tool Size 5120.0 in.

Jars: Make Serial Number Anchor Length 46 ft. Size 5120.0 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 41244 in.

Blow: STRONG blow 1st F.P. NO G.T.S.

STRONG blow 2nd F.P. NO G.T.S.

Recovered 68 ft. of UNcut drty mud

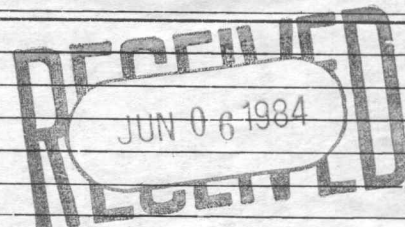
Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides 24,000 P.P.M. Sample Jars used 1 Remarks:



Time On Location 3:00 A.M. Time Pick Up Tool 4:30 P.M. Time Off Location 12:30 P.M.

Time Set Packer(s) 6:50 A.M. Time Started Off Bottom 9:20 P.M. Maximum Temperature 118 degrees

Initial Hydrostatic Pressure (A) 2374 P.S.I.

Initial Flow Period Minutes 30 (B) 56 P.S.I. to (C) 22 P.S.I.

Initial Closed In Period Minutes 30 (D) 146 P.S.I.

Final Flow Period Minutes 60 (E) 67 P.S.I. to (F) 33 P.S.I.

Final Closed In Period Minutes 30 (G) 101 P.S.I.

Final Hydrostatic Pressure (H) 2318 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By W. Bruce Bidleman Signature of Customer or his authorized representative

Western Representative Ref. A. May 1370

FIELD INVOICE

Table with 2 columns: Item Name and Amount. Items include Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, and Telecopier. Total amount is \$5000.

WESTERN TESTING CO., INC.

Pressure Data

Date 6-2

Test Ticket No. 4204

Recorder No. 13221

Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____

Well Temperature _____ °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2174</u> P.S.I.			
B First Initial Flow Pressure	<u>80</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>31</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>146</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>74</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>50</u> P.S.I.			
G Final Closed-in Pressure	<u>110</u> P.S.I.			
H Final Hydrostatic Mud	<u>2164</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

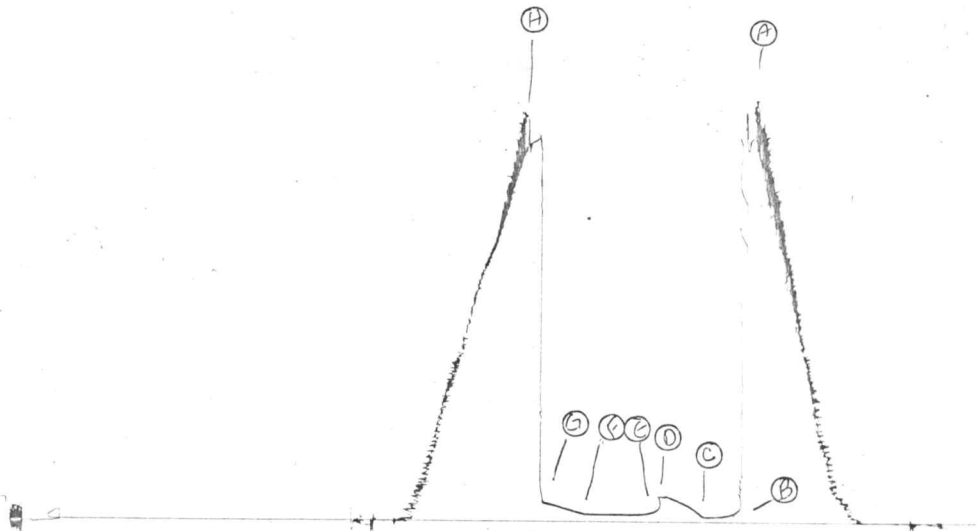
Second Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>80</u>	0	<u>31</u>	0	<u>74</u>	0	<u>50</u>
P 2 5	<u>51</u>	3	<u>50</u>	5	<u>62</u>	3	<u>57</u>
P 3 10	<u>42</u>	6	<u>65</u>	10	<u>52</u>	6	<u>63</u>
P 4 15	<u>35</u>	9	<u>80</u>	15	<u>49</u>	9	<u>69</u>
P 5 20	<u>31</u>	12	<u>95</u>	20	<u>48</u>	12	<u>75</u>
P 6 25	<u>31</u>	15	<u>107</u>	25	<u>48</u>	15	<u>81</u>
P 7 30	<u>31</u>	18	<u>116</u>	30	<u>48</u>	18	<u>87</u>
P 8 35		21	<u>125</u>	35	<u>(</u>	21	<u>93</u>
P 9 40		24	<u>134</u>	40	<u>(</u>	24	<u>99</u>
P10 45		27	<u>143</u>	45	<u>48</u>	27	<u>105</u>
P11 50		30	<u>146</u>	50	<u>49</u>	30	<u>110</u>
P12 55		33		55	<u>49</u>	33	
P13 60		36		60	<u>50</u>	36	
P14		39		65		39	
P15		42		70		42	
P16		45		75		45	
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

LC# 4204

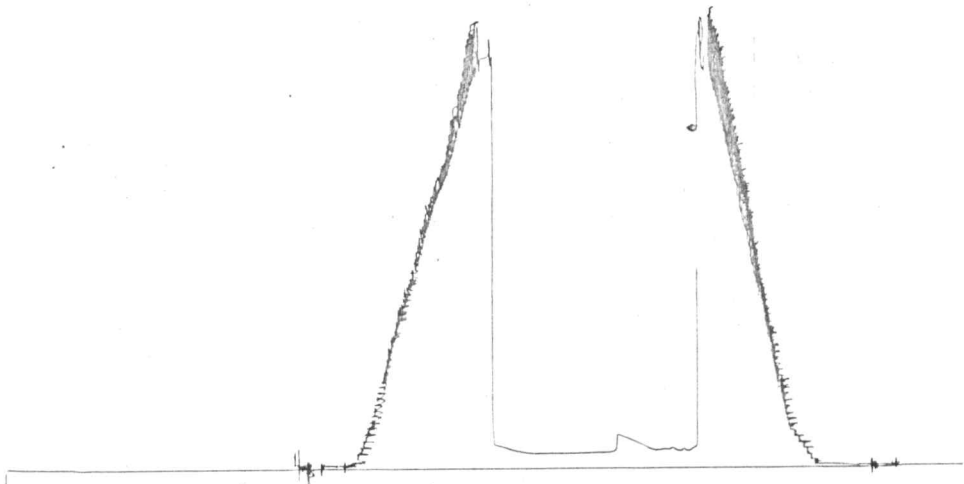
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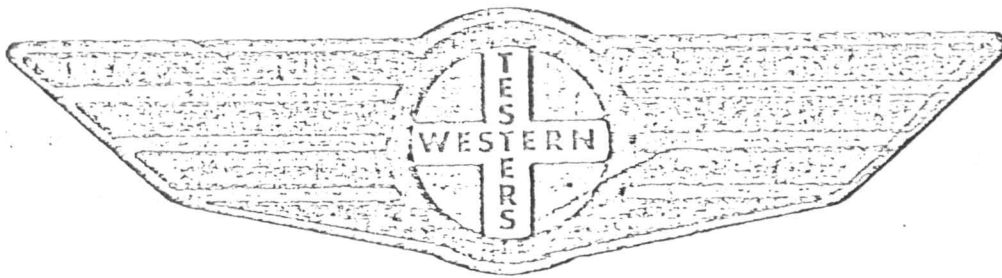
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 6/2/84
CUSTOMER: F.G. HOLL
WELL: 1-7
ELEVATION (KB): 1845
SECTION: 7
RANGE: 12W
GAUGE SN #13221

TEST: 4
FORMATION: MISSISSIPPI
TOWNSHIP: 30S
COUNTY: BARBER
RANGE: 4450

TICKET #4204
LEASE: "B" ROSE
GEOLOGIST: BIDLEMAN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4320 FT TO: 4366 FT TOTAL DEPTH: 4366 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4315 FT SIZE: 6 3/4 IN PAKER DEPTH: 4320 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: STERLING DRLG
MUD TYPE: DRISPAC VISCOSITY: 51
WEIGHT: 9.4 WATER LOSS (CC): 13.8
CHLORIDES (P.P.M.): 24000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 390 FT I.D.: 2.2 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3910 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 OD IN
ANCHOR LENGTH: 46 FT SIZE: 5 1/2 OD IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 XH IN

BLOW: INITIAL FLOW PERIOD STRONG BLOW.
NO GAS TO SURFACE.
FINAL FLOW PERIOD STRONG BLOW.
NO GAS TO SURFACE.

RECOVERED: 68 FT OF: UNCUT DRILLING MUD. CHLORIDES 24000 PPM.
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 6:50 AM
WELL TEMPERATURE: 118 °F

TIME STARTED OFF BOTTOM: 9:20 AM

INITIAL HYDROSTATIC PRESSURE: (A) 2174 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 80 PSI TO (C) 31 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 146 PSI
FINAL FLOW PERIOD MIN: 60 (E) 74 PSI TO (F) 50 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 110 PSI
FINAL HYDROSTATIC PRESSURE (H) 2164 PSI



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 4205

BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1840 G.L. Formation VIOLA Eff. Pay

District PRAH Date 6-3-84 Customer Order No.

COMPANY NAME F.G. Noll
ADDRESS 6427 E. Kellogg, Wichita, KS. 67207

WELL NO. Rose "B"-1-7 COUNTY BARBER STATE KS. Sec. 7 Twp 30 S Rge 2 W
Invoice To Same No. Copies Requested Reg
Charts To Same #1-7 "B" Rose No. Copies Requested Reg

Formation Test No. 25 Interval Tested From 4461 ft. to 4520 ft. Total Depth 4520 ft.
Packer Depth 4454 ft. Size 6 7/8 in.
Packer Depth 4461 ft. Size 6 7/8 in.

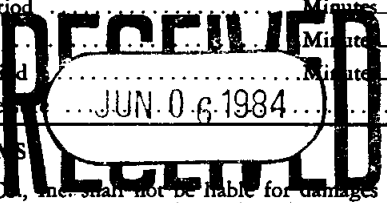
Recorder Depth (Inside) 4471 ft. Recorder Number 13221 Cap. 4450
Recorder Depth (Outside) 4474 ft. Recorder Number 13551 Cap. 4150
Scaddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor STERLING Drilling R.S. #2
Type DRISPAK Viscosity 58
Rate 9.6 Water Loss 15.2 cc.
P.P.M. 24,000
Make Serial Number
Well Flow? NO Reversed Out NO
Drill Collar Length 390 I. D. 2.2 in.
Weight Pipe Length I. D. in.
Drill Pipe Length 4051 I. D. 3.8 in.
Test Tool Length 20 ft. Tool Size 5 1/2 O.D. in.
Anchor Length 59 ft. Size 5 1/2 O.D. in.
Surface Choke Size 3 1/4 in. Bottom Choke Size 3 1/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x 1 1/4 in.

WEAR - FAIR IN 1st F.P. FAIR - STRONG IN 2nd NO G.T.S.

Logged 9 ft. of UNC-T mud
Logged 60 ft. of Spotty dely mud sh show oil
Logged 60 ft. of sh OCGM 5% oil 25% Gas 70% mud
P.P.M. Sample Jars used Remarks:

Table with columns: On Location, Time Pick Up Tool, Time Off Location, Set Packer(s), Time Started Off Bottom, Maximum Temperature, and Hydrostatic Pressure/Flow Period data.



COMPANY TERMS
Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel...

Approved By W. Byron Bidler
Signature of Customer or his authorized representative
Western Representative Ref A. M... 1370

FIELD INVOICE table listing items like Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, Telecopier, and TOTAL.

WESTERN TESTING CO., INC.

Pressure Data

Date 6-3

Test Ticket No. 4205

Recorder No. 13551

Capacity _____ Location _____ Ft. _____

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	P.S.I.	Open Tool	Time Given	M	Time Computed
A Initial Hydrostatic Mud	<u>2236</u>	_____	_____	_____	_____	_____
B First Initial Flow Pressure	<u>37</u>	P.S.I.	First Flow Pressure	<u>30</u>	Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>41</u>	P.S.I.	Initial Closed-in Pressure	<u>30</u>	Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>179</u>	P.S.I.	Second Flow Pressure	<u>60</u>	Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>54</u>	P.S.I.	Final Closed-in Pressure	<u>30</u>	Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>67</u>	P.S.I.	<i>Read Outside Chart!</i>			
G Final Closed-in Pressure	<u>202</u>	P.S.I.				
H Final Hydrostatic Mud	<u>2224</u>	P.S.I.				

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>7</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>13</u> Inc.		Breakdown: <u>11</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>37</u>	<u>0</u>	<u>41</u>	<u>0</u>	<u>54</u>	<u>0</u>	<u>67</u>
P 2	<u>37</u>	<u>3</u>	<u>46</u>	<u>5</u>	<u>5</u>	<u>3</u>	<u>68</u>
P 3	<u>37</u>	<u>6</u>	<u>56</u>	<u>10</u>	<u>5</u>	<u>6</u>	<u>73</u>
P 4	<u>37</u>	<u>9</u>	<u>70</u>	<u>15</u>	<u>54</u>	<u>9</u>	<u>84</u>
P 5	<u>38</u>	<u>12</u>	<u>83</u>	<u>20</u>	<u>56</u>	<u>12</u>	<u>103</u>
P 6	<u>39</u>	<u>15</u>	<u>99</u>	<u>25</u>	<u>58</u>	<u>15</u>	<u>117</u>
P 7	<u>41</u>	<u>18</u>	<u>115</u>	<u>30</u>	<u>60</u>	<u>18</u>	<u>134</u>
P 8		<u>21</u>	<u>134</u>	<u>35</u>	<u>62</u>	<u>21</u>	<u>148</u>
P 9		<u>24</u>	<u>152</u>	<u>40</u>	<u>63</u>	<u>24</u>	<u>165</u>
P 10		<u>27</u>	<u>173</u>	<u>45</u>	<u>64</u>	<u>27</u>	<u>183</u>
P 11		<u>30</u>	<u>179</u>	<u>50</u>	<u>65</u>	<u>30</u>	<u>202</u>
P 12		<u>33</u>		<u>55</u>	<u>66</u>	<u>33</u>	
P 13		<u>36</u>		<u>60</u>	<u>67</u>	<u>36</u>	
P 14		<u>39</u>		<u>65</u>		<u>39</u>	
P 15		<u>42</u>		<u>70</u>		<u>42</u>	
P 16		<u>45</u>		<u>75</u>		<u>45</u>	
P 17		<u>48</u>		<u>80</u>		<u>48</u>	
P 18		<u>51</u>		<u>85</u>		<u>51</u>	
P 19		<u>54</u>		<u>90</u>		<u>54</u>	
P 20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

406# 4205.

10021

0

H

A

G

F

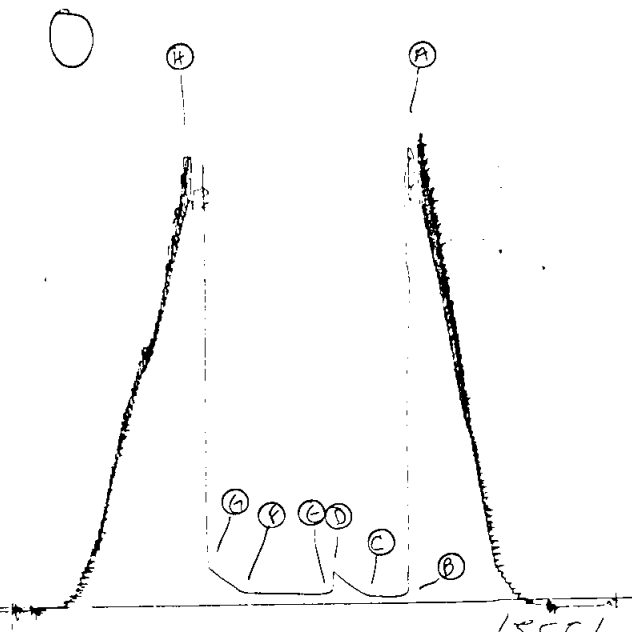
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D

C

B

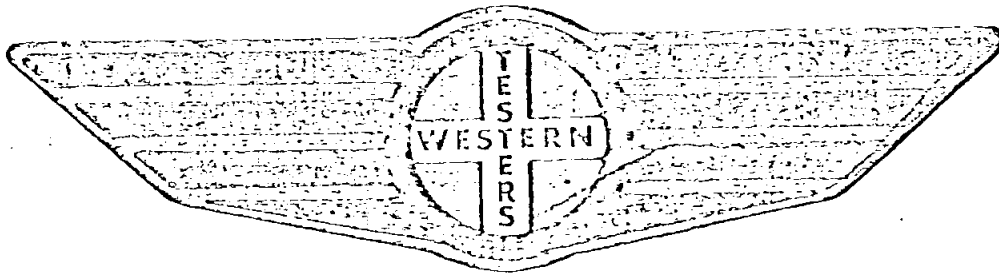
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Inv. F.G. HOLL
Lease and Well No. #1-7 "B" ROSE
Sec. 7
Twp. 30S Rge. 12W
Test No. 5 Date 6/3/84

WESTERN TESTING COMPANY INC.
 SUBSURFACE PRESSURE SURVEY

DATE: 6/3/84
 CUSTOMER: F.G. HOLL
 WELL: 1-7
 ELEVATION (KB): 1845
 SECTION: 7
 RANGE: 12W
 GAUGE SN #13551

TEST: 5
 FORMATION: VIOLA
 TOWNSHIP: 30S
 COUNTY: BARBER
 RANGE: 4450

TICKET #4205
 LEASE: "B" ROSE
 GEOLOGIST: BIDELMAN
 STATE: KANSAS
 CLOCK: 12

INTERVAL TEST FROM: 4461 FT TO: 4520 FT TOTAL DEPTH: 4520 FT
 DEPTH OF SELECTIVE ZONE: FT
 PACKER DEPTH: 4456 FT SIZE: 6 3/4 IN PACKER DEPTH: 4461 FT SIZE: 6 3/4 IN
 PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: STERLING
 MUD TYPE: DRISPAC VISCOSITY: 58
 WEIGHT: 9.6 WATER LOSS (CC): 15.2
 CHLORIDES (P.P.M.): 24000
 JARS - MAKE: SERIAL NUMBER:
 DID WELL FLOW? NO REVERSED OUT? NO
 DRILL COLLAR LENGTH: 390 FT I.D.: 2.25 IN
 WEIGHT PIPE LENGTH: FT I.D.: IN
 DRILL PIPE LENGTH: 4051 FT I.D.: 3.8 IN
 TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
 ANCHOR LENGTH: 59 FT SIZE: 5 1/2 O.D. IN
 SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
 MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 X.H. IN

BLOW: INITIAL FLOW PERIOD; WEAK TO FAIR . FINAL FLOW PERIOD; FAIR TO STRONG.

RECOVERED: 9 FT OF: UNCUT MUD
 RECOVERED: 60 FT OF: SPOTTY DRILLING MUD; SLIGHT SHOW OF OIL
 RECOVERED: 60 FT OF: SLIGHT OIL CUT GASSY MUD; 5% OIL; 25% GAS
 RECOVERED: 70% MUD FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:
 RECOVERED: FT OF:

REMARKS: READ OUTSIDE CHART.

TIME SET PACKER(S): 7:00 A.M. TIME STARTED OFF BOTTOM: 9:30 A.M.
 WELL TEMPERATURE: 121 °F
 INITIAL HYDROSTATIC PRESSURE: (A) 2236 PSI
 INITIAL FLOW PERIOD MIN: 30 (B) 37 PSI TO (C) 41 PSI
 INITIAL CLOSED IN PERIOD MIN: 30 (D) 179 PSI
 FINAL FLOW PERIOD MIN: 60 (E) 54 PSI TO (F) 67 PSI
 FINAL CLOSED IN PERIOD MIN: 30 (G) 202 PSI
 FINAL HYDROSTATIC PRESSURE (H) 2224 PSI



WESTERN TESTING CO., INC.

P.O. BOX 1599 — WICHITA, KANSAS 67201

WELL REPORT NO. 4206
UNIT NO.
DISTRICT 12

DATE 06/04/84

F. G. HOLL
6427 EAST KELLOGG
WICHITA, KANSAS 67207

FOR CUSTOMER'S USE ONLY	
REGISTER NO.	VOUCHER NO.
TERMS APPROVED	PRICE APPROVED
CALCULATIONS CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTION	
AUDITED	FINAL APPROVAL

YOUR ORDER NO.	OWNER	CONTRACTOR				
		FARM				
WELL NO.				SECTION	TWP	RANGE
1-7	ROSE "B"	BARBER	KS	7	30S	12W

DRILL STEM TEST FROM 4615' TO 4653' TOTAL DEPTH 4653' (TEST 6) \$ 595.00
INSURANCE 50.00
TOTAL \$ 645.00

DISCOUNT \$ 6.45	1% DISCOUNT ALLOWED ON THIS INVOICE IF PAID BY THE 20TH OF THE FOLLOWING MONTH.	PLEASE INCLUDE OUR INVOICE NUMBER WITH YOUR REMITTANCE	INVOICE NUMBER 4206
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SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201

OPEN HOLE TESTING INSURANCE AVAILABLE

Details of Policy:

\$35,000 limit per hole

\$ 2,000 Fishing limit

\$ 2,500 Deductible per hole

Operator pays the deductible.

Deductible applies to total loss including tool and fishing with limits as above.

Premium per test - \$50.00 DST No. 6 Test Depth 4615-4653

I want the open hole insurance.

I do not want the open hole insurance.

Legal Description of Location

Rose "B"-1-7

[Signature]
Salesman Signature

F. G. HOLL
Company Name

6-4-84
Date

[Signature]
Customer Signature



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

Nº 4206

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 262-5861

Elevation 1840' G.L. Formation SIMPSON Eff. Pay Ft.

District PRATT Date 6-4-84 Customer Order No.
COMPANY NAME F.G. NOLL

ADDRESS 6427 E. Kellogg, Wichita, Ks. 67207

LEASE AND WELL NO. Rose "B"-1-7 COUNTY BARBER STATE KS Sec. 7 Twp. 30c Rge. 12w

Mail Invoice To Same No. Copies Requested Reg

Mail Charts To Same #1-7 "B" ROSE Co. Name Address No. Copies Requested Reg

Formation Test No. 6 Interval Tested From 4615 ft. to 4653 ft. Total Depth 4653 ft.

Packer Depth 4610 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4615 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4620 ft. Recorder Number 13221 Cap. 4450

Bottom Recorder Depth (Outside) 4623 ft. Recorder Number 13551 Cap. 4150

Below Saddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor STERLING Rig #2 Drill Collar Length 420 I. D. 2.2 in.

Mud Type DRISPAK Viscosity 50 Weight Pipe Length ft. I. D. in.

Weight 9.5 Water Loss 12.8 cc. Drill Pipe Length 4175 I. D. 3.8 in.

Chlorides 26,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 O.D. in.

Jars: Make Serial Number Anchor Length 38 ft. Size 5 1/2 O.D. in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7/8 in. Tool Joint Size 4 1/2 x H in.

Blow: FAIR - STRONG w/ NO G.T.S. IN I.F.P.

STRONG blow thru-out IN F.F.P.

Recovered 940 ft. of S.WTR

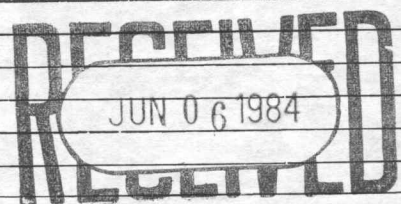
Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides 68,000 P.P.M. Sample Jars used 2 Remarks:



Time On Location 7:30 AM P.M. Time Pick Up Tool 5:30 AM P.M. Time Off Location 2:15 AM P.M.

Time Set Packer(s) 7:50 AM P.M. Time Started Off Bottom 10:20 AM P.M. Maximum Temperature 136°

Initial Hydrostatic Pressure (A) 2520 P.S.I.

Initial Flow Period Minutes 30 (B) 96 P.S.I. to (C) 247 P.S.I.

Initial Closed In Period Minutes 30 (D) 1395 P.S.I.

Final Flow Period Minutes 60 (E) 315 P.S.I. to (F) 461 P.S.I.

Final Closed In Period Minutes 30 (G) 1395 P.S.I.

Final Hydrostatic Pressure (H) 2475 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By W. Buyer Billman 1370 Signature of Customer or his authorized representative

Western Representative R.J. A. M. Thank you

FIELD INVOICE

Table with 2 columns: Item and Amount. Items include Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts, Insurance, Telecopier, and TOTAL. Amounts are in dollars, with some handwritten values like 595.00 and 50.00.

WESTERN TESTING CO., INC.

Pressure Data

Date 6-4

Test Ticket No. 4206

Recorder No. 13221 Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2434</u> P.S.I.		
B First Initial Flow Pressure	<u>89</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>250</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1406</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>308</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>451</u> P.S.I.		
G Final Closed-in Pressure	<u>1395</u> P.S.I.		
H Final Hydrostatic Mud	<u>2417</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 7 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

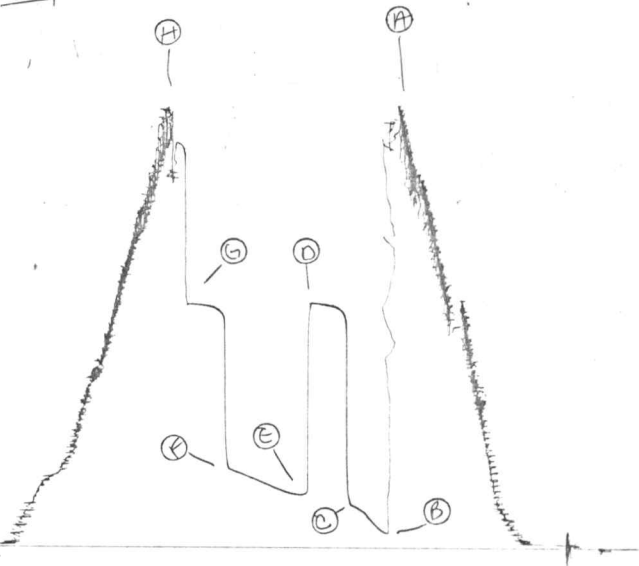
Second Flow Pressure
Breakdown: 13 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>89</u>	0	<u>250</u>	0	<u>308</u>	0	<u>451</u>
P 2 5	<u>107</u>	3	<u>1335</u>	5	<u>308</u>	3	<u>1343</u>
P 3 10	<u>146</u>	6	<u>1366</u>	10	<u>314</u>	6	<u>1368</u>
P 4 15	<u>187</u>	9	<u>1384</u>	15	<u>323</u>	9	<u>1382</u>
P 5 20	<u>220</u>	12	<u>1390</u>	20	<u>336</u>	12	<u>1388</u>
P 6 25	<u>243</u>	15	<u>1394</u>	25	<u>351</u>	15	<u>1391</u>
P 7 30	<u>250</u>	18	<u>1397</u>	30	<u>367</u>	18	<u>1392</u>
P 8 35		21	<u>1400</u>	35	<u>383</u>	21	<u>1393</u>
P 9 40		24	<u>1402</u>	40	<u>400</u>	24	<u>1394</u>
P10 45		27	<u>1404</u>	45	<u>416</u>	27	<u>1395</u>
P11 50		30	<u>1406</u>	50	<u>430</u>	30	<u>1395</u>
P12 55		33		55	<u>445</u>	33	
P13 60		36		60	<u>451</u>	36	
P14		39		65		39	
P15		42		70		42	
P16		45		75		45	
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

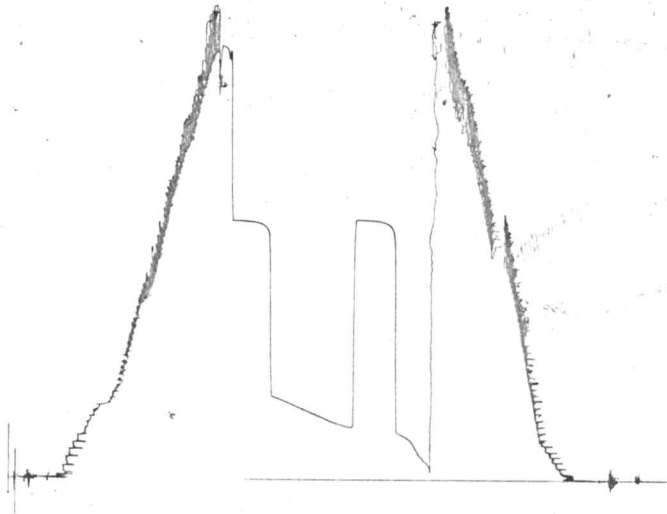
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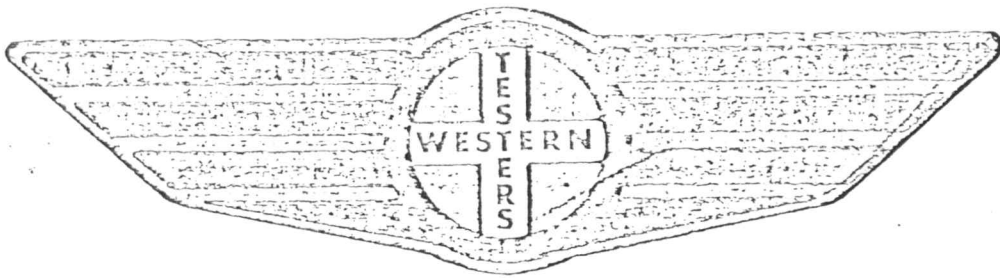
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FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

Company F.G. HOLL Lease and Well No. #1-7 "B" ROSE Sec. 7 Twp. 30S Rge. 12W Test No. 6 Date 6/4/84

WESTERN TESTING COMPANY INC.
SUBSURFACE PRESSURE SURVEY

DATE: 6/4/84
CUSTOMER: F.G. HOLL
WELL: 1-7
ELEVATION (KB): 1845
SECTION: 7
RANGE: 12W
GAUGE SN #13221

TEST: 6
FORMATION: SIMPSON
TOWNSHIP: 30S
COUNTY: BARBER
RANGE: 4450

TICKET #4206
LEASE: "B" ROSE
GEOLOGIST: BIDELMAN
STATE: KANSAS
CLOCK: 12

INTERVAL TEST FROM: 4615 FT TO: 4653 FT TOTAL DEPTH: 4653 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 4610 FT SIZE: 6 3/4 IN PAKER DEPTH: 4615 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PAKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: STERLING
MUD TYPE: DRISPAC VISCOSITY: 50
WEIGHT: 9.5 WATER LOSS (CC): 12.8
CHLORIDES (P.P.M.): 26000
JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? NO
DRILL COLLAR LENGTH: 420 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 4175 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 38 FT SIZE: 5 1/2 O.D. IN
SURFACE CHOKE SIZE: 3/4 IN BOTTOM CHOKE SIZE: 3/4 IN
MAIN HOLE SIZE: 7 7/8 IN TOOL JOINT SIZE: 4 1/2 X.H. IN

BLOW: STRONG BLOW THROUGHOUT TEST.

RECOVERED: 940 FT OF: SALT WATER
RECOVERED: FT OF: CHLORIDES 68000 PPM
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:
RECOVERED: FT OF:

REMARKS:

TIME SET PACKER(S): 7:50 A.M. TIME STARTED OFF BOTTOM: 10:20 A.M.
WELL TEMPERATURE: 136 °F
INITIAL HYDROSTATIC PRESSURE: (A) 2434 PSI
INITIAL FLOW PERIOD MIN: 30 (B) 89 PSI TO (C) 250 PSI
INITIAL CLOSED IN PERIOD MIN: 30 (D) 1406 PSI
FINAL FLOW PERIOD MIN: 60 (E) 308 PSI TO (F) 451 PSI
FINAL CLOSED IN PERIOD MIN: 30 (G) 1395 PSI
FINAL HYDROSTATIC PRESSURE (H) 2417 PSI

