



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N° 11021

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

Elevation 1643 GL 1652 KB Formation Congl. Eff. Pay Ft.

District #140 GT. Bend Date 7-7-87 Customer Order No.
COMPANY NAME F.G. HOLL ESTATE

ADDRESS 6427 EAST Kellogg, P.O. Box 780167 WICHITA, KS. 67278-0167

LEASE AND WELL NO Nelson C #1-11 COUNTY Rice STATE KS. Sec 11 Twp 19 Rge 6

Mail Invoice To Col Name: Arz... Nelson C 1-11 No. Copies Requested 5

Mail Charts To Address: Bl... No. Copies Requested 5

Formation Test No. 1 Interval Tested From 3351 ft. to 3435 ft. Total Depth 3435 ft.

Packer Depth 3346 ft. Size 6 5/8 in. Packer Depth 3351 ft. Size 6 5/8 in.

Depth of Selective Zone Set
Top Recorder Depth (Inside) 3427 ft. Recorder Number 10270 Cap. 4150
Bottom Recorder Depth (Outside) 3430 ft. Recorder Number 13268 Cap. 4225
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor STERLING rig #1 Drill Collar Length 420 I. D. 2.2 in.
Mud Type Chemical Viscosity 580 Weight Pipe Length - I. D. - in.
Weight 9.2 Water Loss 10.8 cc. Drill Pipe Length 2911-2909 I. D. 3.8 in.
Chlorides 8,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make - Serial Number - Anchor Length 84 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 x 11 in.

Blow: IF - WEAK BLOW THROUGHOUT 1/2" BLOW
FF - WEAK BLOW THROUGHOUT 1/4" BLOW

Recovered 60 ft. of OILY GAS CUT MUD 4% OIL 10% GAS 86% MUD
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Chlorides - P.P.M. Sample Jars used 2 Remarks:

Time On Location 8:30 A.M. Time Pick Up Tool 9:30 A.M. Time Off Location
Time Set Packer(s) 11:10 P.M. Time Started Off Bottom 1:55 P.M. Maximum Temperature 107°
Initial Hydrostatic Pressure (A) 1682 P.S.I.
Initial Flow Period Minutes 30 (B) 62 P.S.I. to (C) 62 P.S.I.
Initial Closed In Period Minutes 45 (D) 811 P.S.I.
Final Flow Period Minutes 30 (E) 72 P.S.I. to (F) 72 P.S.I.
Final Closed In Period Minutes 60 (G) 759 P.S.I.
Final Hydrostatic Pressure (H) 1620 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. Bryce Bidleman
Signature of Customer or his authorized representative
Western Representative Ray Schwager Thank you
1925

FIELD INVOICE
Open Hole Test \$ 450
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$ 30
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
Insurance \$ 75
Telecopier \$
TOTAL \$

WESTERN TESTING CO., INC.

Pressure Data

Date: 7-7-87 Test Ticket No. 11021
 Recorder No. 10570 Capacity 450 Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature 107 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>11698</u> P.S.I.	Open Tool	<u>11:09</u> M	
B First Initial Flow Pressure	<u>62</u> P.S.I.	First Flow Pressure	<u>30</u> Mins	<u>30</u> Mins.
C First Final Flow Pressure	<u>63</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>807</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>76</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins	<u>60</u> Mins.
F Second Final Flow Pressure	<u>76</u> P.S.I.			
G Final Closed-in Pressure	<u>761</u> P.S.I.			
H Final Hydrostatic Mud	<u>11645</u> P.S.I.			

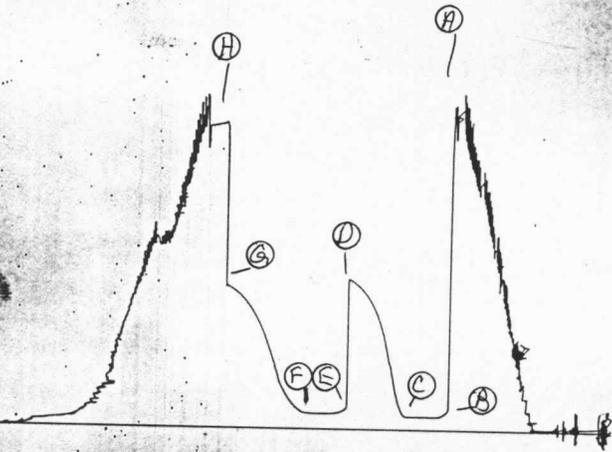
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ 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>62</u>	0	<u>62</u>	0	<u>76</u>	0	<u>76</u>
P 2		3	<u>90</u>	5		3	<u>81</u>
P 3		6	<u>149</u>	10		6	<u>94</u>
P 4		9	<u>251</u>	15		9	<u>113</u>
P 5		12	<u>346</u>	20		12	<u>138</u>
P 6		15	<u>448</u>	25		15	<u>171</u>
P 7	<u>63</u>	18	<u>532</u>	30	<u>76</u>	18	<u>206</u>
P 8		21	<u>600</u>	35		21	<u>266</u>
P 9		24	<u>654</u>	40		24	<u>340</u>
P 10		27	<u>686</u>	45		27	<u>401</u>
P 11		30	<u>720</u>	50		30	<u>460</u>
P 12		33	<u>744</u>	55		33	<u>519</u>
P 13		36	<u>768</u>	60		36	<u>562</u>
P 14		39	<u>784</u>	65		39	<u>602</u>
P 15		42	<u>798</u>	70		42	<u>643</u>
P 16		45	<u>807</u>	75		45	<u>686</u>
P 17		48		80		48	<u>695</u>
P 18		51		85		51	<u>715</u>
P 19		54		90		54	<u>733</u>
P 20		57		95		57	<u>750</u>
		60		100		60	<u>761</u>

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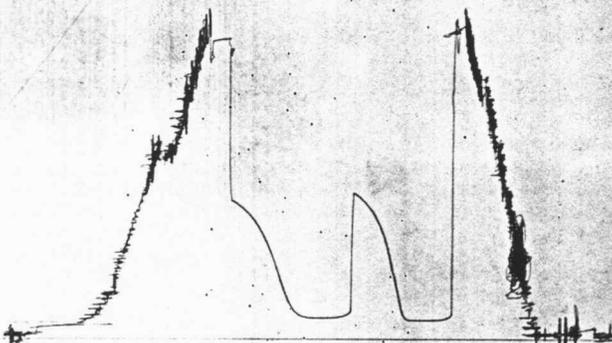
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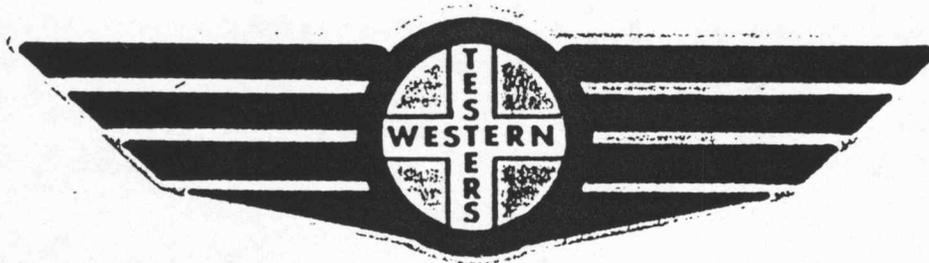
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 7-7-87
CUSTOMER : F.G. HOLL ESTATE
WELL : #1-11 TEST: 1
ELEVATION : 1652 KB
SECTION : 11
RANGE : 6W COUNTY : RICE
GAUGE SN# : 10270 RANGE : 4150
TICKET : 11021
LEASE : NELSON "C"
GEOLOGIST : B BIDLEMAN
FORMATION : CONGLOMERTAE
TOWNSHIP : 19S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 3351 TO : 3435 TOTAL DEPTH : 3435
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3346 SIZE : 6.63
PACKER DEPTH : 3351 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : STERLING RIG #1
MUD TYPE : CHEMICAL VISCOSITY : 58
WEIGHT : 9.2 WATER LOSS (CC) : 10.8
CHLORIDES (PPM) : 8000
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 420 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 2909 FT I.D. inch : 3.80
TEST TOOL LENGTH : 22 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 84 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5 XH

BLOW COMMENT #1 : INITIAL FLOW-WEAK 1/2" BLOW THROUGHOUT.
BLOW COMMENT #2 : FINAL FLOW-WEAK 1/4" BLOW THROUGHOUT.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : F.G. HOLL ESTATE
RIG : RICE-KANSAS
FIELD : NELSON "C"
WELL : #1-11
DATE : 7-7-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : F.G. HOLL ESTATE
 WELL : #1-11
 GAUGE # : 10270
 DATE : 7/ 7/87

FIELD : NELSON "C"
 JOB # : 11021
 DEPTH : 3435
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	11:10: 0	0.000	63.000	107.00	0.000
2	11:14:59	0.083	63.000	107.00	0.000
3	11:20: 0	0.167	63.000	107.00	0.000
4	11:25: 0	0.250	63.000	107.00	0.000
5	11:29:59	0.333	63.000	107.00	0.000
6	11:35: 0	0.417	63.000	107.00	0.000
7	11:40: 0	0.500	63.000	107.00	0.000
8	11:43: 0	0.550	90.000	107.00	27.000
9	11:46: 0	0.600	149.000	107.00	59.000
10	11:49: 0	0.650	251.000	107.00	102.000
11	11:52: 0	0.700	346.000	107.00	95.000
12	11:55: 0	0.750	448.000	107.00	102.000
13	11:58: 0	0.800	532.000	107.00	84.000
14	12: 1: 0	0.850	600.000	107.00	68.000
15	12: 4: 0	0.900	654.000	107.00	54.000
16	12: 7: 0	0.950	686.000	107.00	32.000
17	12:10: 0	1.000	720.000	107.00	34.000
18	12:13: 0	1.050	744.000	107.00	24.000
19	12:16: 0	1.100	768.000	107.00	24.000
20	12:19: 0	1.150	784.000	107.00	16.000
21	12:22: 0	1.200	798.000	107.00	14.000
22	12:25: 0	1.250	807.000	107.00	9.000
23	12:26: 0	1.267	76.000	107.00	-731.000
24	12:29:59	1.333	76.000	107.00	0.000
25	12:35: 0	1.417	76.000	107.00	0.000
26	12:40: 0	1.500	76.000	107.00	0.000
27	12:44:59	1.583	76.000	107.00	0.000
28	12:50: 0	1.667	76.000	107.00	0.000
29	12:55: 0	1.750	76.000	107.00	0.000
30	12:58: 0	1.800	81.000	107.00	5.000
31	13: 1: 0	1.850	94.000	107.00	13.000
32	13: 4: 0	1.900	113.000	107.00	19.000
33	13: 7: 0	1.950	138.000	107.00	25.000
34	13:10: 0	2.000	171.000	107.00	33.000
35	13:13: 0	2.050	206.000	107.00	35.000
36	13:16: 0	2.100	266.000	107.00	60.000
37	13:19: 0	2.150	340.000	107.00	74.000
38	13:22: 0	2.200	401.000	107.00	61.000
39	13:25: 0	2.250	460.000	107.00	59.000
40	13:28: 0	2.300	519.000	107.00	59.000
41	13:31: 0	2.350	562.000	107.00	43.000
42	13:34: 0	2.400	602.000	107.00	40.000
43	13:37: 0	2.450	643.000	107.00	41.000
44	13:40: 0	2.500	666.000	107.00	23.000
45	13:43: 0	2.550	695.000	107.00	29.000
46	13:46: 0	2.600	715.000	107.00	20.000
47	13:49: 0	2.650	733.000	107.00	18.000
48	13:52: 0	2.700	750.000	107.00	17.000
49	13:55: 0	2.750	761.000	107.00	11.000



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N° 11022

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

Elevation 1643 GL 1652 KB Formation Miss Eff. Pay Ft.

District G.T. Bend Date 7-8-87 Customer Order No.

COMPANY NAME H 140 F.G. HOLL ESTATE

ADDRESS 6427 EAST Kellogg, P.O. Box 780167 WICHITA, KS, 67278-0167

LEASE AND WELL NO Nelson C #1-11 COUNTY Rice STATE KS Sec. 11 Twp. 19 S Rge. 6 W

Mail Invoice To Nelson C 1-11 SAME No. Copies Requested 5

Mail Charts To SAME No. Copies Requested 5

Formation Test No. 2 Interval Tested From 3460 ft. to 3480 ft. Total Depth 3480 ft.

Packer Depth 3455 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Packer Depth 3460 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3472 ft. Recorder Number 10270 Cap. 4150

Bottom Recorder Depth (Outside) 3475 ft. Recorder Number 13268 Cap. 4225

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

Drilling Contractor STERLING rig Drill Collar Length 420 I. D. 2.2 in.

Mud Type Chemical Viscosity 150 Weight Pipe Length - I. D. - in.

Weight 9.2 Water Loss 12.4 cc. Drill Pipe Length 3018 I. D. 3.8 in.

Chlorides 10,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.

Jars: Make - Serial Number - Anchor Length 20 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 X 11 in.

Blow: IF - WEAK Blow Throughout 1/2" To 1 1/2" Blow

FF - WEAK Blow Throughout 1" Blow

Recovered 80 ft. of Muddy WATER w/ scum of oil in Gridout

Recovered ft. of 21% mud 79% WATER

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides 31,000 P.P.M. Sample Jars used 2 Remarks:

Time On Location 11:10 A.M. Time Pick Up Tool 11:10 P.M. Time Off Location P.M.

Time Set Packer(s) 12:35 A.M. Time Started Off Bottom 3:20 P.M. Maximum Temperature 109°

Initial Hydrostatic Pressure (A) 1713 P.S.I.

Initial Flow Period Minutes 30 (B) 31 P.S.I. to (C) 41 P.S.I.

Initial Closed In Period Minutes 45 (D) 800 P.S.I.

Final Flow Period Minutes 30 (E) 62 P.S.I. to (F) 62 P.S.I.

Final Closed In Period Minutes 60 (G) 790 P.S.I.

Final Hydrostatic Pressure (H) 1692 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. Byron Bidloma Signature of Customer or his authorized representative

Western Representative Ray Schwagly Thank you

1985

FIELD INVOICE

Open Hole Test \$ 45
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$ 2250
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$ 75
Insurance \$
Telecopier \$
TOTAL \$

WESTERN TESTING CO., INC.

Pressure Data

Date 7-8-87 Test Ticket No. 11022
 Recorder No. 10270 Capacity 4150 Location _____ Ft. _____
 Clock No. _____ Elevation _____ Well Temperature 109 °F

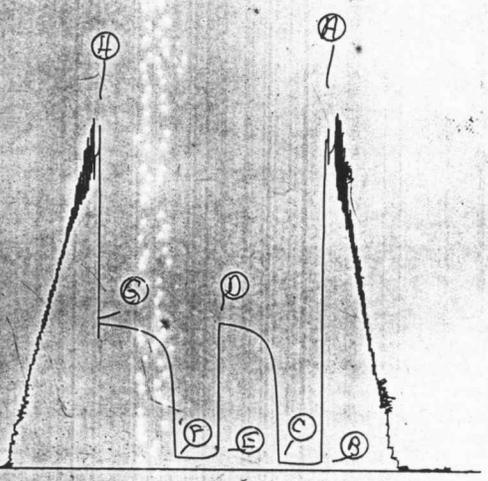
Point	Pressure	P.S.I.	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1725</u>	P.S.I.		<u>12:35 P</u>	M
B First Initial Flow Pressure	<u>38</u>	P.S.I.	First Flow Pressure	<u>30</u> Mins	<u>30</u> Mins
C First Final Flow Pressure	<u>44</u>	P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins	<u>45</u> Mins
D Initial Closed-in Pressure	<u>758</u>	P.S.I.	Second Flow Pressure	<u>30</u> Mins	<u>30</u> Mins
E Second Initial Flow Pressure	<u>65</u>	P.S.I.	Final Closed-in Pressure	<u>60</u> Mins	<u>57</u> Mins
F Second Final Flow Pressure	<u>68</u>	P.S.I.			
G Final Closed-in Pressure	<u>790</u>	P.S.I.			
H Final Hydrostatic Mud	<u>1695</u>	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ 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 0	<u>38</u>	0	<u>44</u>	0	<u>65</u>	0	<u>68</u>
P 2 5	<u>38</u>	3	<u>448</u>	5	<u>65</u>	3	<u>796</u>
P 3 10	<u>38</u>	6	<u>607</u>	10	<u>65</u>	6	<u>619</u>
P 4 15	<u>38</u>	9	<u>671</u>	15	<u>65</u>	9	<u>669</u>
P 5 20	<u>39</u>	12	<u>707</u>	20	<u>66</u>	12	<u>696</u>
P 6 25	<u>41</u>	15	<u>731</u>	25	<u>67</u>	15	<u>717</u>
P 7 30	<u>44</u>	18	<u>746</u>	30	<u>68</u>	18	<u>728</u>
P 8 35		21	<u>757</u>	35		21	<u>740</u>
P 9 40		24	<u>767</u>	40		24	<u>749</u>
P10 45		27	<u>774</u>	45		27	<u>754</u>
P11 50		30	<u>780</u>	50		30	<u>762</u>
P12 55		33	<u>785</u>	55		33	<u>767</u>
P13 60		36	<u>788</u>	60		36	<u>770</u>
P14 65		39	<u>792</u>	65		39	<u>775</u>
P15 70		42	<u>795</u>	70		42	<u>778</u>
P16 75		45	<u>798</u>	75		45	<u>781</u>
P17 80		48		80		48	<u>784</u>
P18 85		51		85		51	<u>786</u>
P19 90		54		90		54	<u>788</u>
P20 95		57		95		57	<u>790</u>
100		60		100		60	

TKA 11022

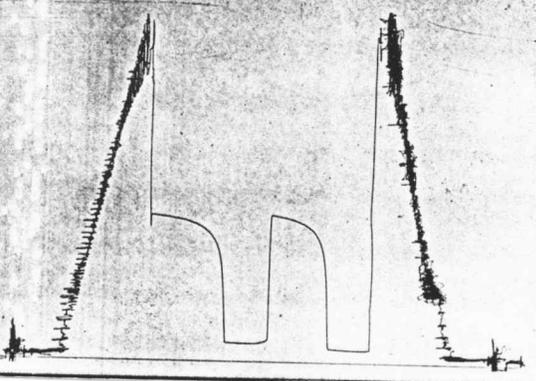
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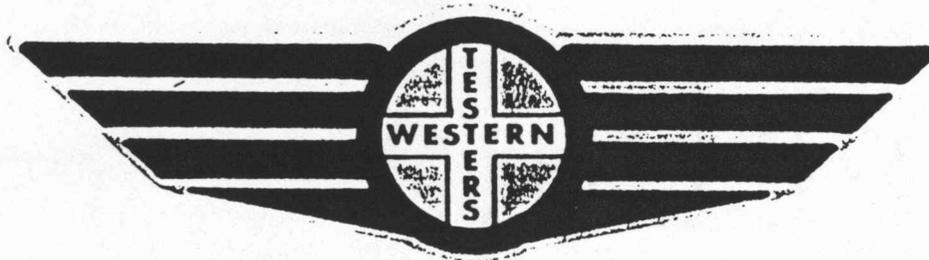
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OSTH 2
10268

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY F G HOLL ESTATE LEASE & WELL NO. NELSON C 1-11 SEC. 11 TWP. 19S RGE. 6W TEST NO. 2 DATE 7/8/87

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 7-8-87 TICKET : 11022
CUSTOMER : F.G. HOLL ESTATE LEASE : NELSON "C"
WELL : #1-11 TEST: 2 GEOLOGIST : B BIDLEMAN
ELEVATION : 1652 KB FORMATION : MISSISSIPPI
SECTION : 11 TOWNSHIP : 19S
RANGE : 6W COUNTY : RICE STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 3460 TO : 3480 TOTAL DEPTH : 3480
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3455 SIZE : 6.63
PACKER DEPTH : 3460 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : STERLING RIG #1
MUD TYPE : CHEMICAL VISCOSITY : 50
WEIGHT : 9.2 WATER LOSS (CC) : 12.4
CHLORIDES (PPM) : 10000
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 420 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3018 FT I.D. inch : 3.80
TEST TOOL LENGTH : 22 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 20 FT ANCHOR SIZE : 5.50
SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
MAIN HOLE SIZE : 7.875 IN TOOL JOINT SIZE : 4.5 XH

BLOW COMMENT #1 : INITIAL FLOW-WEAK 1/2" TO 1 1/2" BLOW THROUGHOUT.
BLOW COMMENT #2 : FINAL FLWO-WEAK 1" BLOW THROUGHOUT.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 80 FT OF: MUDDY WATER / WITH SCUM OF OIL IN GRINDOUT
21% MUD-79% WATER

CHLORIDES: 31000 PPM

Total Barrels Fluid = 0.38
Total Fluid Prod Rate = 9.03 BFPD
Indicated Wtr Rate = 7.22 BWPD

REMARK 1 :
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	12:35 PM	TIME STARTED OFF BOTTOM :	3:20 PM
WELL TEMPERATURE :	109		
INITIAL HYDROSTATIC PRESSURE		(A)	1725
INITIAL FLOW PERIOD MIN:	30	(B)	38 PSI TO (C) : 44
INITIAL CLOSED IN PERIOD MIN:	45	(D)	798
FINAL FLOW PERIOD MIN:	30	(E)	65 PSI TO (F) : 68
FINAL CLOSED IN PERIOD MIN:	57	(G)	790
FINAL HYDROSTATIC PRESSURE		(H)	1695

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : F.G. HOLL ESTATE
RIG : RICE-KANSAS
FIELD : NELSON "C"
WELL : #1-11
DATE : 7-8-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : F.G. HOLL ESTATE
 WELL : #1-11
 GAUGE # : 10270
 DATE : 8/ 7/87

FIELD : NELSON "C".
 JOB # : 11022
 DEPTH : 3480
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	12:35: 0	0.000	38.000	109.00	0.000
2	12:39:59	0.083	38.000	109.00	0.000
3	12:45: 0	0.167	38.000	109.00	0.000
4	12:50: 0	0.250	38.000	109.00	0.000
5	12:54:59	0.333	39.000	109.00	1.000
6	13: 0: 0	0.417	41.000	109.00	2.000
7	13: 5: 0	0.500	44.000	109.00	3.000
8	13: 8: 0	0.550	448.000	109.00	404.000
9	13:11: 0	0.600	607.000	109.00	159.000
10	13:14: 0	0.650	671.000	109.00	64.000
11	13:17: 0	0.700	707.000	109.00	36.000
12	13:20: 0	0.750	731.000	109.00	24.000
13	13:23: 0	0.800	746.000	109.00	15.000
14	13:26: 0	0.850	757.000	109.00	11.000
15	13:29: 0	0.900	767.000	109.00	10.000
16	13:32: 0	0.950	774.000	109.00	7.000
17	13:35: 0	1.000	780.000	109.00	6.000
18	13:38: 0	1.050	785.000	109.00	5.000
19	13:41: 0	1.100	788.000	109.00	3.000
20	13:44: 0	1.150	792.000	109.00	4.000
21	13:47: 0	1.200	795.000	109.00	3.000
22	13:50: 0	1.250	798.000	109.00	3.000
23	13:51: 0	1.267	65.000	109.00	-733.000
24	13:54:59	1.333	65.000	109.00	0.000
25	14: 0: 0	1.417	65.000	109.00	0.000
26	14: 5: 0	1.500	65.000	109.00	0.000
27	14: 9:59	1.583	66.000	109.00	1.000
28	14:15: 0	1.667	67.000	109.00	1.000
29	14:20: 0	1.750	68.000	109.00	1.000
30	14:23: 0	1.800	496.000	109.00	428.000
31	14:26: 0	1.850	619.000	109.00	123.000
32	14:29: 0	1.900	669.000	109.00	50.000
33	14:32: 0	1.950	696.000	109.00	27.000
34	14:35: 0	2.000	717.000	109.00	21.000
35	14:38: 0	2.050	728.000	109.00	11.000
36	14:41: 0	2.100	740.000	109.00	12.000
37	14:44: 0	2.150	749.000	109.00	9.000
38	14:47: 0	2.200	756.000	109.00	7.000
39	14:50: 0	2.250	762.000	109.00	6.000
40	14:53: 0	2.300	767.000	109.00	5.000
41	14:56: 0	2.350	770.000	109.00	3.000
42	14:59: 0	2.400	775.000	109.00	5.000
43	15: 2: 0	2.450	778.000	109.00	3.000
44	15: 5: 0	2.500	781.000	109.00	3.000
45	15: 8: 0	2.550	784.000	109.00	3.000
46	15:11: 0	2.600	786.000	109.00	2.000
47	15:14: 0	2.650	788.000	109.00	2.000
48	15:17: 0	2.700	790.000	109.00	2.000
49	15:17: 0	2.700	3000.000	109.00	2210.000