

Company F. G. Holl Lease & Well No. Rolf #1
Elevation 1830 Ground Level Formation Indian Cave Sand Effective Pay - Ft. Ticket No. 15844
Date 3/30/82 Sec. 33 Twp. 29S Range 11W County Pratt State Kansas
Test Approved by W. J. Monk Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 2725 ft. to 2785 ft. Total Depth 2785 ft.

Packer Depth 2720 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 2725 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2759 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 2762 ft. Recorder Number 4332 Cap. 4200

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

Drilling Contractor Sterling Drilling Rig #2 Drill Collar Length 312 I. D. 2 1/4 in.

Mud Type premix-starch Viscosity 44 Weight Pipe Length 486 I. D. 2 1/2 in.

Weight 10.2 Water Loss 8.6 cc. Drill Pipe Length 1931 I. D. 3.8 in.

Chlorides 86,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.

Jars: Make WTC Serial Number 402 Anchor Length 29=31=60 ft. Size 5 1/2 OD - 6 1/4

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 FH in.

Blow: Strong blow throughout test. Gas to surface in six minutes. See attached sheet
for gas measurements.

Recovered 240 ft. of drilling mud - slightly gas cut

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:50 ~~A.M.~~ P.M. Time Started Off Bottom 12:20 ~~A.M.~~ P.M. Maximum Temperature 100°

Initial Hydrostatic Pressure 1532 (A) P.S.I.

Initial Flow Period 25 Minutes (B) 283 P.S.I. to (C) 293 P.S.I.

Initial Closed In Period 33 Minutes (D) 736 P.S.I.

Final Flow Period 60 Minutes (E) 291 P.S.I. to (F) 293 P.S.I.

Final Closed In Period 30 Minutes (G) 724 P.S.I.

Final Hydrostatic Pressure 1477 (H) P.S.I.

GAS FLOW REPORT

Date 3/30/82 Ticket 15844 Company F. G. Holl
 Well Name and No. Rolf #1 Dst No. 1 Interval Tested 2725'-2785'
 County Pratt State Kansas Sec. 33 Twp. 29S Rg. 11W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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PRE FLOW

6 min.					Gas to surface
10 min.	30.0 PSIG	1" orifice			951,000 CFPD
20 min.	30.0 PSIG	1" orifice			951,000 CFPD
30 min.	34.0 PSIG	1" orifice			1,043,000 CFPD

SECOND FLOW

10 min.	42.0 PSIG	1" orifice			1,205,000 CFPD
20 min.	42.0 PSIG	1" orifice			1,205,000 CFPD
30 min.	42.0 PSIG	1" orifice			1,205,000 CFPD
40 min.	40.0 PSIG	1" orifice			1,162,000 CFPD
50 min.	40.0 PSIG	1" oriifce			1,162,000 CFPD
60 min.	40.0 PSIG	1" orifice			1,162,000 CFPD

GAS BOTTLE

Serial No. ---- Date Bottle Filled --- Date to be Invoiced 3/30/82

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 11½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME F. G. Holl

Authorized by W. J. Monk

WESTERN TESTING CO., INC.

Pressure Data

Date 3/20/82 Recorder No. 2606 Capacity 4150 Test Ticket No. 15844
 Clock No. -- Elevation 1830 Ground Level Location 2759 Ft. Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1532	P.S.I.	9:50A	M
B First Initial Flow Pressure	283	P.S.I.	30	Mins. 25 Mins.
C First Final Flow Pressure	293	P.S.I.	30	Mins. 33 Mins.
D Initial Closed-in Pressure	736	P.S.I.	60	Mins. 60 Mins.
E Second Initial Flow Pressure	291	P.S.I.	30	Mins. 30 Mins.
F Second Final Flow Pressure	293	P.S.I.		
G Final Closed-in Pressure	724	P.S.I.		
H Final Hydrostatic Mud	1477	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>10</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>0</u>	<u>283</u>	<u>0</u>	<u>293</u>	<u>0</u>	<u>291</u>	<u>0</u>	<u>293</u>
P 2 <u>5</u>	<u>308</u>	<u>3</u>	<u>664</u>	<u>5</u>	<u>291</u>	<u>3</u>	<u>661</u>
P 3 <u>10</u>	<u>322</u>	<u>6</u>	<u>688</u>	<u>10</u>	<u>291</u>	<u>6</u>	<u>684</u>
P 4 <u>15</u>	<u>297</u>	<u>9</u>	<u>704</u>	<u>15</u>	<u>291</u>	<u>9</u>	<u>698</u>
P 5 <u>20</u>	<u>293</u>	<u>12</u>	<u>714</u>	<u>20</u>	<u>291</u>	<u>12</u>	<u>706</u>
P 6 <u>25</u>	<u>293</u>	<u>15</u>	<u>721</u>	<u>25</u>	<u>291</u>	<u>15</u>	<u>711</u>
P 7		<u>18</u>	<u>728</u>	<u>30</u>	<u>291</u>	<u>18</u>	<u>717</u>
P 8		<u>21</u>	<u>731</u>	<u>35</u>	<u>291</u>	<u>21</u>	<u>720</u>
P 9		<u>24</u>	<u>732</u>	<u>40</u>	<u>291</u>	<u>24</u>	<u>723</u>
P10		<u>27</u>	<u>734</u>	<u>45</u>	<u>291</u>	<u>27</u>	<u>723</u>
P11		<u>30</u>	<u>735</u>	<u>50</u>	<u>291</u>	<u>30</u>	<u>724</u>
P12		<u>33</u>	<u>736</u>	<u>55</u>	<u>292</u>		
P13				<u>60</u>	<u>293</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

2606 DST#1

JK # 15844
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