



23-25-28

Home Office: Great Bend, Kansas
P. O. Box 793 SWift 3-7903

Company D. E. Satterthwaite Lease & Well No. Harrison #2
Elevation 1348 Derrick Floor Formation Burgess Ticket Number 6138
Date Jan. 22, 1966 Sec. 23 Twp. 25 Range 2E County Sedgwick State Kansas
Test Approved by R. K. Grant Western Representative Norman Allen

Formation Test No. 2 O.K. #1 Misrun #1 Interval Tested From 2788' to 2819' Total Depth 2819'
Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. x Damaged _____ Yes no No Conv. x B.T. _____ Damaged _____ Yes no No
Packer Depth 2783 Ft. Size 6 3/4 Packer Depth 2788 Ft. Size 6 3/4
Straddle _____ Yes _____ No no Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 31 Ft. Size 5 1/2 OD

RECORDERS	Depth <u>2797</u>	Clock No. <u>4964</u>	Depth <u>2800</u>	Clock No. <u>149</u>
	Top Make <u>Kuster</u> Cap. <u>3150</u> No. <u>1562</u>	Inside Outside	Bottom Make <u>Western</u> Cap. <u>3000</u> No. <u>29</u>	Inside Outside
Below Straddle: Depth	Clock No.	Inside Outside	Depth	Clock No.
Top Make	Cap.	No.	Bottom Make	Cap.

Time Set Packer 7:58 A M

Tool Open I.F.P. From 8:00 M to 8:30 M Hr. 30 Min. From (B) 21 P.S.I. To (C) 21 P.S.I.
Tool Closed I.C.I.P. From 8:30 M to 9:00 M Hr. 30 Min. (D) 64 P.S.I.
Tool Open F.F.P. From 9:00 M to 9:30 M Hr. 30 Min. From (E) 23 P.S.I. To (F) 28 P.S.I.
Tool Closed F.C.I.P. From 9:30 M to 10:00 M Hr. 30 Min. (G) 43 P.S.I.
Initial Hydrostatic Pressure (A) 1402 P.S.I. Final Hydrostatic Pressure (H) 1402 P.S.I.

SURFACE	Size Choke <u>3/4</u> In.	Max. Press. P.S.I.	Time	Description of Flow
INFORMATION	_____	_____	M.	_____
	_____	_____	M.	_____
	_____	_____	M.	_____

BLOW Slid tool 15' to bottom. Weak blow 15 minutes. Flushed tool once. Good / surge Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes no No Recovery Total Ft. 25' drilling mud

Reversed Out _____ Yes no No Mud Type Gel. Viscosity 38 Weight 9.6 Maximum Temp. 94 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size no Make _____ Ser. No. _____

Type Circ. Sub. pin Did Tool Plug? no Where? _____ Did Packer Hold? yes

Length Drill Pipe 2008 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 570 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars 190 ft.

I. D. Drill Collars 2 1/2 in. Length D.S.T. Tool 51 ft.

Remarks

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WESTERN TESTING CO., INC.

Pressure Data

Date January 22, 1966 Test Ticket No. 6138
 Recorder No. 1862 Capacity 3150 Location 2797 Ft.
 Clock No. 4964 Elevation 1348 Derrick Floor Well Temperature 94 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1402</u> P.S.I.	<u>7:58A</u> M	
B First Initial Flow Pressure	<u>21</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>21</u> P.S.I.	<u>30</u> Mins.	<u>29</u> Mins.
D Initial Closed-in Pressure	<u>64</u> P.S.I.	<u>30</u> Mins.	<u>33</u> Mins.
E Second Initial Flow Pressure	<u>23</u> P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
F Second Final Flow Pressure	<u>28</u> P.S.I.		
G Final Closed-in Pressure	<u>43</u> P.S.I.		
H Final Hydrostatic Mud	<u>1402</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>9</u> Inc.	
of <u>5</u> mins. and a		of <u>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>2</u> Min.		final inc. of <u>3</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>21</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>26</u>	<u>0</u>	<u>28</u>
P 2 <u>5</u>	<u>21</u>	<u>3</u>	<u>23</u>	<u>5</u>	<u>26</u>	<u>3</u>	<u>29</u>
P 3 <u>10</u>	<u>21</u>	<u>6</u>	<u>28</u>	<u>10</u>	<u>26</u>	<u>6</u>	<u>31</u>
P 4 <u>15</u>	<u>21</u>	<u>9</u>	<u>32</u>	<u>15</u>	<u>26</u>	<u>9</u>	<u>32</u>
P 5 <u>20</u>	<u>21</u>	<u>12</u>	<u>37</u>	<u>20</u>	<u>28</u>	<u>12</u>	<u>34</u>
P 6 <u>25</u>	<u>21</u>	<u>15</u>	<u>42</u>	<u>25</u>	<u>28</u>	<u>15</u>	<u>36</u>
P 7 <u>30</u>	<u>21</u>	<u>18</u>	<u>47</u>	<u>30</u>	<u>28</u>	<u>18</u>	<u>39</u>
P 8		<u>21</u>	<u>51</u>	<u>33</u>	<u>28</u>	<u>21</u>	<u>41</u>
P 9		<u>24</u>	<u>56</u>			<u>24</u>	<u>42</u>
P10		<u>27</u>	<u>59</u>			<u>27</u>	<u>43</u>
P11		<u>29</u>	<u>64</u>				
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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D. E. SATTERTHWAITE
HARRISON #2

TEST # 2
TKT # 6138

