



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Robinson & Sweetman Oil Company Lease & Well No. Troyer #A1
Elevation 1500 Kelly Bushing Formation Indian Cave Effective Pay - Ft. Ticket No. 23982
Date 12-6-75 Sec. 2 Twp. 32S Range 8W County Harper State Kansas
Test Approved by Leo Paulsen Western Representative Forrest Purnell
Formation Test No. 1 O.K. X Misrun - Interval Tested From 2290' to 2350' Total Depth 2350'
Size Main Hole 77/8 Rat Hole - Conv. - B.T. X Damaged - Yes X No Conv. X B.T. - Damaged - Yes X No
Top Packer Depth 2285 Ft. Size 6 3/4 Bottom Packer Depth 2290 Ft. Size 6 3/4
Straddle - Conv. - B.T. - Damaged - Yes - No Packer Depth - Ft. Size -
Tool Size 5-0D Tool Joint Size 4 1/2 FH Anchor Length 60 Ft. Size 5-0D-DC Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 2293 Ft. Clock No. 6800 Depth 2296 Ft. Clock No. 9102
Top Make Kuster Cap. 4200 No. 1559 Inside Outside Bottom Make Kuster Cap. 3150 No. 1565 Inside Outside
Below Straddle: Depth - Rec. No. - Clock No. - Inside Outside Depth - Ft. Rec. No. - Clock No. - Inside Outside
Time Set Packer 10:27 A M
Tool Open I.F.P. From 10:30A M. to 11:00A M. - Hr. 30 Min. From (B) 84 P.S.I. To (C) 456 P.S.I.
Tool Closed I.C.I.P. From 11:00A M. to 11:45A M. - Hr. 45 Min (D) 991 P.S.I.
Tool Open F.F.P. From 11:45A M. to 12:15P M. - Hr. 30 Min. From (E) 366 P.S.I. To (F) 508 P.S.I.
Tool Closed F.C.I.P. From 12:15P M. to 1:15P M. - Hr. 60 Min. (G) 992 P.S.I.
Initial Hydrostatic Pressure (A) 1222 P.S.I. Final Hydrostatic Pressure (H) 1190 P.S.I. Maximum Temp. 93

INFORMATION

BLOW Strong blow throughout test. Gas to surface in 4 minutes.

Did Well Flow Yes - No Recovery Total Ft. 150' of muddy water

Reversed Out - Yes X No Mud Type salt Viscosity 38 Weight 9.7 Water Loss - cc. Chlorides -

EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer yes Did Packers Hold? yes Did Tool Plug? - Where? -

DRILLING CONTRACTOR Sweetman Drlg. Co. Length Drill Pipe? 2022 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 248 Ft. I.D. Drill Collars 2 1/2 In.

Tool Joint Size 4 1/2 H-90 In. Length D.S.T. Tool 80 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 12-6-75 Recorder No. 1559 Capacity 4200 Test Ticket No. 23982
 Clock No. 6800 Elevation 1500 Kelly Bushing Location 2293 Ft. Well Temperature 93 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1222	P.S.I.	10:27 A	M
B First Initial Flow Pressure	84	P.S.I.	30	Mins.
C First Final Flow Pressure	456	P.S.I.	45	Mins.
D Initial Closed-in Pressure	991	P.S.I.	30	Mins.
E Second Initial Flow Pressure	366	P.S.I.	60	Mins.
F Second Final Flow Pressure	508	P.S.I.		
G Final Closed-in Pressure	992	P.S.I.		
H Final Hydrostatic Mud	1190	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure				Initial Shut-In				Second Flow Pressure				Final Shut-In			
Breakdown: <u>6</u> Inc.				Breakdown: <u>15</u> Inc.				Breakdown: <u>6</u> Inc.				Breakdown: <u>20</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.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>84</u>	<u>0</u>	<u>456</u>	<u>0</u>	<u>456</u>	<u>0</u>	<u>plugging action</u>	<u>0</u>	<u>508</u>	<u>0</u>	<u>508</u>	<u>0</u>	<u>508</u>	<u>0</u>	<u>508</u>
P 2 <u>5</u>	<u>140</u>	<u>3</u>	<u>964</u>	<u>3</u>	<u>964</u>	<u>0</u>	<u>plugging action</u>	<u>3</u>	<u>956</u>	<u>3</u>	<u>956</u>	<u>3</u>	<u>956</u>	<u>3</u>	<u>956</u>
P 3 <u>10</u>	<u>242</u>	<u>6</u>	<u>979</u>	<u>6</u>	<u>979</u>	<u>5</u>	<u>plugging action</u>	<u>6</u>	<u>973</u>	<u>6</u>	<u>973</u>	<u>6</u>	<u>973</u>	<u>6</u>	<u>973</u>
P 4 <u>15</u>	<u>320</u>	<u>9</u>	<u>983</u>	<u>9</u>	<u>983</u>	<u>10</u>	<u>plugging action</u>	<u>9</u>	<u>979</u>	<u>9</u>	<u>979</u>	<u>9</u>	<u>979</u>	<u>9</u>	<u>979</u>
P 5 <u>20</u>	<u>374</u>	<u>12</u>	<u>985</u>	<u>12</u>	<u>985</u>	<u>15</u>	<u>plugging action</u>	<u>12</u>	<u>981</u>	<u>12</u>	<u>981</u>	<u>12</u>	<u>981</u>	<u>12</u>	<u>981</u>
P 6 <u>25</u>	<u>435</u>	<u>15</u>	<u>987</u>	<u>15</u>	<u>987</u>	<u>20</u>	<u>plugging action</u>	<u>15</u>	<u>983</u>	<u>15</u>	<u>983</u>	<u>15</u>	<u>983</u>	<u>15</u>	<u>983</u>
P 7 <u>30</u>	<u>456</u>	<u>18</u>	<u>987</u>	<u>18</u>	<u>987</u>	<u>25</u>	<u>plugging action</u>	<u>18</u>	<u>985</u>	<u>18</u>	<u>985</u>	<u>18</u>	<u>985</u>	<u>18</u>	<u>985</u>
P 8		<u>21</u>	<u>988</u>	<u>21</u>	<u>988</u>	<u>30</u>	<u>plugging action</u>	<u>21</u>	<u>985</u>	<u>21</u>	<u>985</u>	<u>21</u>	<u>985</u>	<u>21</u>	<u>985</u>
P 9		<u>24</u>	<u>988</u>	<u>24</u>	<u>988</u>			<u>24</u>	<u>986</u>	<u>24</u>	<u>986</u>	<u>24</u>	<u>986</u>	<u>24</u>	<u>986</u>
P10		<u>27</u>	<u>989</u>	<u>27</u>	<u>989</u>			<u>27</u>	<u>986</u>	<u>27</u>	<u>986</u>	<u>27</u>	<u>986</u>	<u>27</u>	<u>986</u>
P11		<u>30</u>	<u>989</u>	<u>30</u>	<u>989</u>			<u>30</u>	<u>987</u>	<u>30</u>	<u>987</u>	<u>30</u>	<u>987</u>	<u>30</u>	<u>987</u>
P12		<u>33</u>	<u>990</u>	<u>33</u>	<u>990</u>			<u>33</u>	<u>987</u>	<u>33</u>	<u>987</u>	<u>33</u>	<u>987</u>	<u>33</u>	<u>987</u>
P13		<u>36</u>	<u>990</u>	<u>36</u>	<u>990</u>			<u>36</u>	<u>988</u>	<u>36</u>	<u>988</u>	<u>36</u>	<u>988</u>	<u>36</u>	<u>988</u>
P14		<u>39</u>	<u>991</u>	<u>39</u>	<u>991</u>			<u>39</u>	<u>988</u>	<u>39</u>	<u>988</u>	<u>39</u>	<u>988</u>	<u>39</u>	<u>988</u>
P15		<u>42</u>	<u>991</u>	<u>42</u>	<u>991</u>			<u>42</u>	<u>989</u>	<u>42</u>	<u>989</u>	<u>42</u>	<u>989</u>	<u>42</u>	<u>989</u>
P16		<u>45</u>	<u>991</u>	<u>45</u>	<u>991</u>			<u>45</u>	<u>989</u>	<u>45</u>	<u>989</u>	<u>45</u>	<u>989</u>	<u>45</u>	<u>989</u>
P17								<u>48</u>	<u>990</u>	<u>48</u>	<u>990</u>	<u>48</u>	<u>990</u>	<u>48</u>	<u>990</u>
P18								<u>51</u>	<u>990</u>	<u>51</u>	<u>990</u>	<u>51</u>	<u>990</u>	<u>51</u>	<u>990</u>
P19								<u>54</u>	<u>991</u>	<u>54</u>	<u>991</u>	<u>54</u>	<u>991</u>	<u>54</u>	<u>991</u>
P20								<u>57</u>	<u>991</u>	<u>57</u>	<u>991</u>	<u>57</u>	<u>991</u>	<u>57</u>	<u>991</u>
								<u>60</u>	<u>992</u>	<u>60</u>	<u>992</u>	<u>60</u>	<u>992</u>	<u>60</u>	<u>992</u>

GAS FLOW REPORT

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
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10:40 AM	10 min.	14 PSIG	1½" choke		980,000 C.F.P.D.
10:50 AM	20 min.	38 PSIG	1½" choke		1,911,000 C.F.P.D.
11:00 AM	30 min.	60 PSIG	1½" choke		2,702,000 C.F.P.D.
Tool opened at 10:30 AM in pre-flow period. Gas to surface in 4 minutes. Flowed mud for 20 minutes.in pre-flow period.					

[illegible]

Serial No. **ICC-3E-1800** Date Bottle Filled **12-6-75** Date to be Invoiced **12-6-75**

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Authorized by Lee Paulsen

TAT # 23982

I

(H)

(G)

(D)

(X)

(Y)

(E)