

Company Griggs Oil Company, Inc. Lease & Well No. Zada Sheddy #1
Elevation 1414 Ground Level Cherokee Sand Effective Pay -- Ft. Ticket No. 3479
Date 12/28/79 Sec. 9 Twp. 35S Range 12W County Barber State Kansas
Test Approved by R. D. Gensch Western Representative Rod Tritt
Formation Test No. 1 Interval Tested from 4797 ft. to 4812 ft. Total Depth 4812 ft.
Packer Depth 4792 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4797 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set --
Top Recorder Depth (Inside) 4801 ft. Recorder Number 3354 Cap. 4200
Bottom Recorder Depth (Outside) 4804 ft. Recorder Number 2605 Cap. 4150
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --
Drilling Contractor Venture Drilling Co. Rig #2 Drill Collar Length -- I. D. -- in.
Mud Type premix-driscopac Viscosity 52 Weight Pipe Length 650 I. D. 2 1/2 in.
Weight 9.1 Water Loss 24.4 cc. Drill Pipe Length 4125 I. D. 3.8 in.
Chlorides 16,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
Jars: Make No Serial Number -- Anchor Length 15 ft. Size 5 1/2 OD 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 FH in.

Blow: Fair blow decreasing to very weak blow on initial flow. Very weak blow; died five minutes on final flow period.

Recovered 30 ft. of drilling mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time Set Packer(s) 1:50 A.M. Time Started Off Bottom 4:20 A.M. Maximum Temperature 128°
Initial Hydrostatic Pressure (A) 2341 P.S.I.
Initial Flow Period Minutes 45 (B) 38 P.S.I. to (C) 26 P.S.I.
Initial Closed In Period Minutes 45 (D) 35 P.S.I.
Final Flow Period Minutes 15 (E) 35 P.S.I. to (F) 30 P.S.I.
Final Closed In Period Minutes 48 (G) 160 P.S.I.
Final Hydrostatic Pressure (H) 2333 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12/28/79 Recorder No. 3354 Capacity 4200 Test Ticket No. 3479
 Clock No. -- Elevation 1414 Ground Level Location 4801 Ft.
 Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2341</u> P.S.I.	Open Tool	<u>1:50A</u> M	
B First Initial Flow Pressure	<u>38</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>26</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>35</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>35</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>48</u> Mins.
F Second Final Flow Pressure	<u>30</u> P.S.I.			
G Final Closed-in Pressure	<u>160</u> P.S.I.			
H Final Hydrostatic Mud	<u>2333</u> P.S.I.			

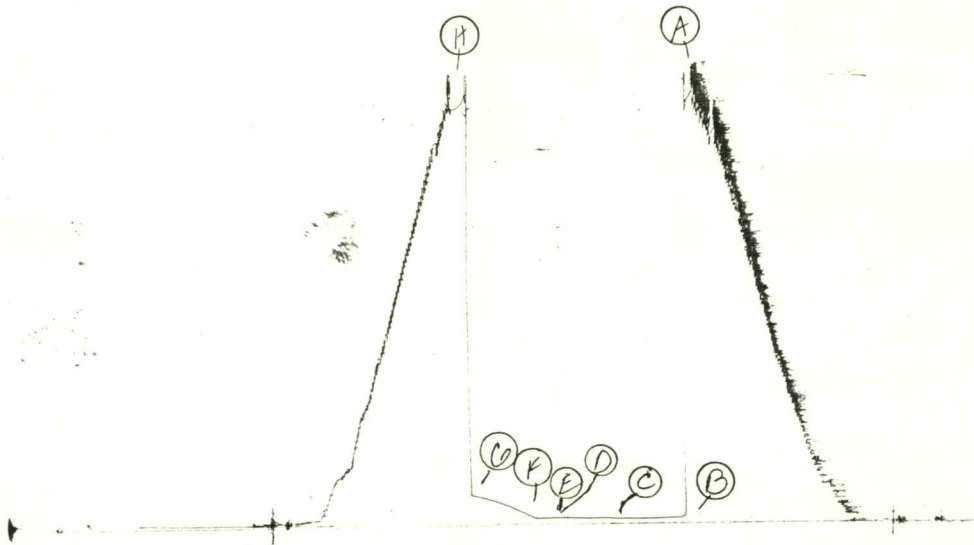
PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>3</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>16</u> Inc. of <u>3</u> mins. and a 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>38</u>	<u>0</u>	<u>26</u>	<u>0</u>	<u>35</u>	<u>0</u>	<u>30</u>
P 2 <u>5</u>	<u>32</u>	<u>3</u>	<u>27</u>	<u>5</u>	<u>32</u>	<u>3</u>	<u>42</u>
P 3 <u>10</u>	<u>30</u>	<u>6</u>	<u>28</u>	<u>10</u>	<u>31</u>	<u>6</u>	<u>53</u>
P 4 <u>15</u>	<u>30</u>	<u>9</u>	<u>30</u>	<u>15</u>	<u>30</u>	<u>9</u>	<u>63</u>
P 5 <u>20</u>	<u>28</u>	<u>12</u>	<u>32</u>			<u>12</u>	<u>73</u>
P 6 <u>25</u>	<u>27</u>	<u>15</u>	<u>32</u>			<u>15</u>	<u>84</u>
P 7 <u>30</u>	<u>26</u>	<u>18</u>	<u>32</u>			<u>18</u>	<u>95</u>
P 8 <u>35</u>	<u>26</u>	<u>21</u>	<u>32</u>			<u>21</u>	<u>103</u>
P 9 <u>40</u>	<u>26</u>	<u>24</u>	<u>32</u>			<u>24</u>	<u>112</u>
P10 <u>45</u>	<u>26</u>	<u>27</u>	<u>32</u>			<u>27</u>	<u>120</u>
P11		<u>30</u>	<u>32</u>			<u>30</u>	<u>129</u>
P12		<u>33</u>	<u>32</u>			<u>33</u>	<u>135</u>
P13		<u>36</u>	<u>32</u>			<u>36</u>	<u>140</u>
P14		<u>39</u>	<u>33</u>			<u>39</u>	<u>148</u>
P15		<u>42</u>	<u>33</u>			<u>42</u>	<u>153</u>
P16		<u>45</u>	<u>35</u>			<u>45</u>	<u>157</u>
P17						<u>48</u>	<u>160</u>
P18							
P19							
P20							

3354

DST #1

TR4 #342
I



Company Griggs Oil Company, Inc. Lease & Well No. Zada Sheddy #1
Elevation 1414 Ground Level Mississippi Effective Pay ----- Ft. Ticket No. 3480
Date 12/29/79 Sec. 9 Twp. 35S Range 12W County Barber State Kansas
Test Approved by R. D. Gensch Western Representative Rod Tritt

Formation Test No. 2 Interval Tested from 4833 ft. to 4850 ft. Total Depth 4850 ft.
Packer Depth 4828 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4833 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4837 ft. Recorder Number 3354 Cap. 4200
Bottom Recorder Depth (Outside) 4840 ft. Recorder Number 2606 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number -- Cap. --

Drilling Contractor Venture Drilling Rig #2 Drill Collar Length - I. D. - in.
Mud Type Premix-driscopac Viscosity 48 Weight Pipe Length 650 I. D. 2 1/2 in.
Weight 8.8 Water Loss 14.6 cc. Drill Pipe Length 4160 I. D. 3.8 in.
Chlorides 23,000 P.P.M. Test Tool Length 23 ft. Tool Size 5 1/2 OD in.
Jars: Make No Serial Number -- Anchor Length 17 ft. Size 5 1/2 OD 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 FH in.

Blow: Strong blow decreasing to light blow on initial flow period. Strong blow decreasing to weak blow on final flow period.

Recovered 20 ft. of drilling mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time Set Packer(s) 12:30 A.M. P.M. Time Started Off Bottom 5:00 A.M. P.M. Maximum Temperature 128 °
Initial Hydrostatic Pressure (A) 2337 P.S.I.
Initial Flow Period Minutes 45 (B) 38 P.S.I. to (C) 29 P.S.I.
Initial Closed In Period Minutes 48 (D) 458 P.S.I.
Final Flow Period Minutes 90 (E) 27 P.S.I. to (F) 27 P.S.I.
Final Closed In Period Minutes 99 (G) 654 P.S.I.
Final Hydrostatic Pressure (H) 2286 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12/29/79 Recorder No. 3354 Capacity 4200 Test Ticket No. 3480
 Location 4837 Ft.
 Clock No. ----- Elevation 1414 Ground Level Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2337	P.S.I.	12:30A M	
B First Initial Flow Pressure	38	P.S.I.	45 Mins.	45 Mins.
C First Final Flow Pressure	29	P.S.I.	45 Mins.	48 Mins.
D Initial Closed-in Pressure	458	P.S.I.	90 Mins.	90 Mins.
E Second Initial Flow Pressure	27	P.S.I.	90 Mins.	99 Mins.
F Second Final Flow Pressure	27	P.S.I.		
G Final Closed-in Pressure	654	P.S.I.		
H Final Hydrostatic Mud	2286	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>16</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>33</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>38</u>	<u>0</u>	<u>29</u>	<u>0</u>	<u>27</u>	<u>0</u>	<u>27</u>
P 2 <u>5</u>	<u>27</u>	<u>3</u>	<u>55</u>	<u>5</u>	<u>25</u>	<u>3</u>	<u>55</u>
P 3 <u>10</u>	<u>27</u>	<u>6</u>	<u>87</u>	<u>10</u>	<u>25</u>	<u>6</u>	<u>79</u>
P 4 <u>15</u>	<u>27</u>	<u>9</u>	<u>116</u>	<u>15</u>	<u>25</u>	<u>9</u>	<u>105</u>
P 5 <u>20</u>	<u>29</u>	<u>12</u>	<u>148</u>	<u>20</u>	<u>27</u>	<u>12</u>	<u>129</u>
P 6 <u>25</u>	<u>29</u>	<u>15</u>	<u>179</u>	<u>25</u>	<u>29</u>	<u>15</u>	<u>153</u>
P 7 <u>30</u>	<u>29</u>	<u>18</u>	<u>207</u>	<u>30</u>	<u>30</u>	<u>18</u>	<u>179</u>
P 8 <u>35</u>	<u>29</u>	<u>21</u>	<u>238</u>	<u>35</u>	<u>30</u>	<u>21</u>	<u>203</u>
P 9 <u>40</u>	<u>29</u>	<u>24</u>	<u>268</u>	<u>40</u>	<u>30</u>	<u>24</u>	<u>226</u>
P10 <u>45</u>	<u>29</u>	<u>27</u>	<u>295</u>	<u>45</u>	<u>29</u>	<u>27</u>	<u>245</u>
P11		<u>30</u>	<u>321</u>	<u>50</u>	<u>28</u>	<u>30</u>	<u>272</u>
P12		<u>33</u>	<u>348</u>	<u>55</u>	<u>27</u>	<u>33</u>	<u>290</u>
P13		<u>36</u>	<u>371</u>	<u>60</u>	<u>26</u>	<u>36</u>	<u>314</u>
P14		<u>39</u>	<u>396</u>	<u>65</u>	<u>27</u>	<u>39</u>	<u>338</u>
P15		<u>42</u>	<u>420</u>	<u>70</u>	<u>27</u>	<u>42</u>	<u>353</u>
P16		<u>45</u>	<u>439</u>	<u>75</u>	<u>27</u>	<u>45</u>	<u>369</u>
P17		<u>48</u>	<u>458</u>	<u>80</u>	<u>27</u>	<u>48</u>	<u>388</u>
P18				<u>85</u>	<u>27</u>	<u>51</u>	<u>407</u>
P19				<u>90</u>	<u>27</u>	<u>54</u>	<u>424</u>
P20						<u>57</u>	<u>441</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 12/29/79 Test Ticket No. 3480
 Recorder No. 3354 Capacity 4200 Location 4837 Ft.
 Clock No. ----- Elevation 1414 Ground Level Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2337	P.S.I.	12:30A	M
B First Initial Flow Pressure	38	P.S.I.	45	Mins. 45 Mins.
C First Final Flow Pressure	29	P.S.I.	45	Mins. 48 Mins.
D Initial Closed-in Pressure	458	P.S.I.	90	Mins. 90 Mins.
E Second Initial Flow Pressure	27	P.S.I.	90	Mins. 99 Mins.
F Second Final Flow Pressure	27	P.S.I.		
G Final Closed-in Pressure	654	P.S.I.		
H Final Hydrostatic Mud	2286	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>16</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>33</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						63	475
P 2						66	491
P 3						69	508
P 4						72	525
P 5						75	542
P 6						78	559
P 7						81	572
P 8						84	589
P 9						87	605
P10						90	618
P11						93	631
P12						96	646
P13						99	654
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Company Griggs Oil, Inc. Lease & Well No. Zada Sheddy #1
Elevation 1414 Ground Level Mississippi Effective Pay --- Ft. Ticket No. 3481
Date 12/29/79 Sec. 9 Twp. 35S Range 12W County Barber State Kansas
Test Approved by R. D. Gensch Western Representative Rod Tritt

Formation Test No. 3 Interval Tested from 4852 ft. to 4872 ft. Total Depth 4872 ft.

Packer Depth 4847 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4852 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4856 ft. Recorder Number 3354 Cap. 4200

Bottom Recorder Depth (Outside) 4859 ft. Recorder Number 2605 Cap. 4150

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

Drilling Contractor Venture Drilling Co. Rig #2 Drill Collar Length -- I. D. -- in.

Mud Type drispac Viscosity 40 Weight Pipe Length 650 I. D. 2 1/2 in.

Weight 8.9 Water Loss 14.8 cc. Drill Pipe Length 4179 I. D. 3.8 in.

Chlorides 22,000 P.P.M. Test Tool Length 23 ft. Tool Size 5 1/2 OD in.

Jars: Make No Serial Number - Anchor Length 20 ft. Size 5 1/2 OD 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 FH in.

Blow: Fair blow decreasing to no blow in 25 minutes on initial flow period. Very weak intermitten blow for 15 minutes on final flow period.

Recovered 20 ft. of oil cut drilling mud (heavy mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Hit tight spot from 4636' down to 4720'-Had to spud tool into hole-
no fill up on bottom indicated.

Time Set Packer(s) 11:30 ~~A.M.~~ P.M. Time Started Off Bottom 2:45 ~~P.M.~~ A.M. Maximum Temperature 128°

Initial Hydrostatic Pressure (A) 2388 P.S.I.

Initial Flow Period Minutes 30 (B) 36 P.S.I. to (C) 30 P.S.I.

Initial Closed In Period Minutes 30 (D) 34 P.S.I.

Final Flow Period Minutes 45 (E) 32 P.S.I. to (F) 36 P.S.I.

Final Closed In Period Minutes 93 (G) 211 P.S.I.

Final Hydrostatic Pressure (H) 2354 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12-29-79 Recorder No. 3354 Capacity 4200 Test Ticket No. 3481 Location 4856 Ft.
 Clock No. _____ Elevation 1414 Ground Level Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2388	P.S.I.	11:30P	M
B First Initial Flow Pressure	36	P.S.I.	30	Mins.
C First Final Flow Pressure	30	P.S.I.	30	Mins.
D Initial Closed-in Pressure	34	P.S.I.	45	Mins.
E Second Initial Flow Pressure	32	P.S.I.	90	Mins.
F Second Final Flow Pressure	36	P.S.I.		
G Final Closed-in Pressure	211	P.S.I.		
H Final Hydrostatic Mud	2354	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>31</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>36</u>	<u>0</u>	<u>30</u>	<u>0</u>	<u>32</u>	<u>0</u>	<u>36</u>
P 2 <u>5</u>	<u>34</u>	<u>3</u>	<u>30</u>	<u>5</u>	<u>32</u>	<u>3</u>	<u>36</u>
P 3 <u>10</u>	<u>32</u>	<u>6</u>	<u>30</u>	<u>10</u>	<u>32</u>	<u>6</u>	<u>38</u>
P 4 <u>15</u>	<u>32</u>	<u>9</u>	<u>30</u>	<u>15</u>	<u>32</u>	<u>9</u>	<u>44</u>
P 5 <u>20</u>	<u>32</u>	<u>12</u>	<u>30</u>	<u>20</u>	<u>32</u>	<u>12</u>	<u>49</u>
P 6 <u>25</u>	<u>30</u>	<u>15</u>	<u>30</u>	<u>25</u>	<u>32</u>	<u>15</u>	<u>55</u>
P 7 <u>30</u>	<u>30</u>	<u>18</u>	<u>30</u>	<u>30</u>	<u>33</u>	<u>18</u>	<u>61</u>
P 8 _____		<u>21</u>	<u>30</u>	<u>35</u>	<u>35</u>	<u>21</u>	<u>68</u>
P 9 _____		<u>24</u>	<u>31</u>	<u>40</u>	<u>36</u>	<u>24</u>	<u>72</u>
P10 _____		<u>27</u>	<u>33</u>	<u>45</u>	<u>36</u>	<u>27</u>	<u>80</u>
P11 _____		<u>30</u>	<u>34</u>			<u>30</u>	<u>91</u>
P12 _____						<u>33</u>	<u>93</u>
P13 _____						<u>36</u>	<u>99</u>
P14 _____						<u>39</u>	<u>105</u>
P15 _____						<u>42</u>	<u>112</u>
P16 _____						<u>45</u>	<u>116</u>
P17 _____						<u>48</u>	<u>121</u>
P18 _____						<u>51</u>	<u>127</u>
P19 _____						<u>54</u>	<u>131</u>
P20 _____						<u>57</u>	<u>137</u>
						<u>60</u>	<u>143</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 12-29-79 Test Ticket No. 3481

Recorder No. 3354 Capacity 4200 Location 4856 Ft.

Clock No. _____ Elevation 1414 Ground Level Well Temperature 128 °F

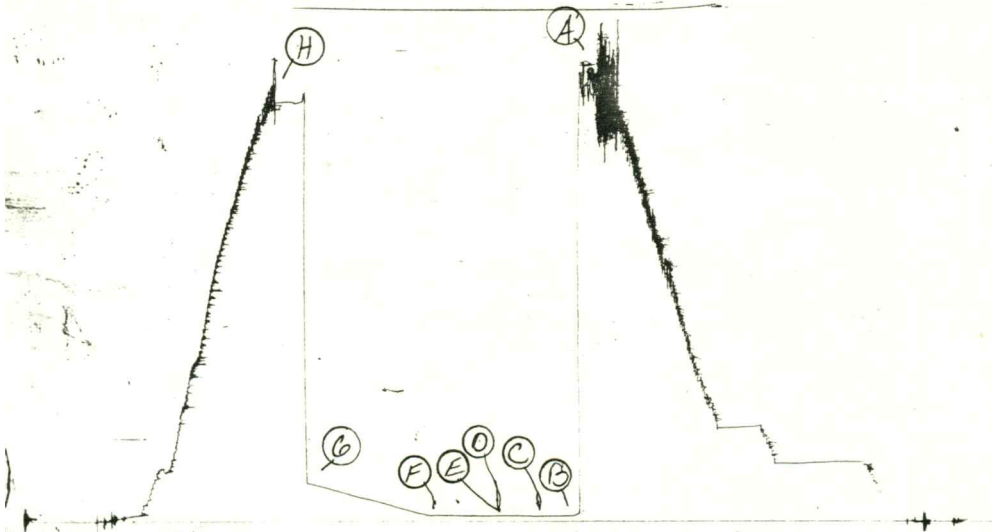
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2388	P.S.I.	11:30P	M
B First Initial Flow Pressure	36	P.S.I.	30	Mins.
C First Final Flow Pressure	30	P.S.I.	30	Mins.
D Initial Closed-in Pressure	34	P.S.I.	45	Mins.
E Second Initial Flow Pressure	32	P.S.I.	90	Mins.
F Second Final Flow Pressure	36	P.S.I.		
G Final Closed-in Pressure	211	P.S.I.		
H Final Hydrostatic Mud	2354	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>31</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						63	150
P 2						66	156
P 3						69	162
P 4						72	169
P 5						75	175
P 6						78	181
P 7						81	188
P 8						84	194
P 9						87	198
P10						90	205
P11						93	211
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

3354 DST #3

1/4 #3481
I



Company Griggs Oil Co., Inc. Lease & Well No. Zada Sheddy #1
Elevation 1414 Ground Level Formation Mississippi Effective Pay ----- Ft. Ticket No. 3482
Date 12/31/79 Sec. 9 Twp. 35S Range 12W County Barber State Kansas
Test Approved by R. D. Gensch Western Representative Rod Tritt

Formation Test No. 4 Interval Tested from 4873 ft. to 4896 ft. Total Depth 4903 ft.
Packer Depth 4873 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4896 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4877 ft. Recorder Number 3354 Cap. 4200
Bottom Recorder Depth (Outside) 4800 ft. Recorder Number 2605 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number 1654 Cap. -

Drilling Contractor Venture Drilling Rig #2 Drill Collar Length - I. D. - in.
Mud Type drispac Viscosity 40 Weight Pipe Length 650 I. D. 2 1/2 in.
Weight 8.9 Water Loss 15.0 cc. Drill Pipe Length 4215 I. D. 5 1/2 OD in.
Chlorides 23,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
Jars: Make No Serial Number -- Anchor Length 26 ft. Size 5 1/2 OD 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 FH in.

Blow: Strong flow on initial flow period; gas to surface at start of final flow period. Maximum gas 2,450 CFPD

Recovered 370 ft. of gassy oil-mud cut
Recovered 120 ft. of gassy oil
Recovered 30 ft. of very heavy oil cut water
Recovered 1250 ft. of gassy salt water 137,000 chlorides ppm
Recovered ft. of

Remarks: Gas flow : 1/4" orifice 30 min. .747 ; 40 min. .747; 50 min. 1,000; 60 minutes 2,450 CFPD Stabalized

Time Set Packer(s) 1:15 ~~PM~~ ^{AM} Time Started Off Bottom 5:15 ~~PM~~ ^{AM} Maximum Temperature 130°
Initial Hydrostatic Pressure 2333 P.S.I.
Initial Flow Period 50 Minutes (B) 82 P.S.I. to (C) 454 P.S.I.
Initial Closed In Period 45 Minutes (D) 1737 P.S.I.
Final Flow Period 60 Minutes (E) 496 P.S.I. to (F) 714 P.S.I.
Final Closed In Period 90 Minutes (G) 1722 P.S.I.
Final Hydrostatic Pressure 2264 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 12/31/79 Recorder No. 3354 Capacity 4200 Test Ticket No. 3482
 Location 4877 Ft. Clock No. ----- Elevation 1414 Ground Level Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2333	P.S.I.	1:15A	M
B First Initial Flow Pressure	82	P.S.I.	45	Mins. 50 Mins.
C First Final Flow Pressure	454	P.S.I.	45	Mins. 45 Mins.
D Initial Closed-in Pressure	1737	P.S.I.	60	Mins. 60 Mins.
E Second Initial Flow Pressure	496	P.S.I.	90	Mins. 90 Mins.
F Second Final Flow Pressure	714	P.S.I.		
G Final Closed-in Pressure	1722	P.S.I.		
H Final Hydrostatic Mud	2264	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>10</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>30</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>82</u>	<u>0</u>	<u>454</u>	<u>0</u>	<u>496</u>	<u>0</u>	<u>714</u>
P 2 <u>5</u>	<u>110</u>	<u>3</u>	<u>1074</u>	<u>5</u>	<u>504</u>	<u>3</u>	<u>1192</u>
P 3 <u>10</u>	<u>186</u>	<u>6</u>	<u>1321</u>	<u>10</u>	<u>525</u>	<u>6</u>	<u>1344</u>
P 4 <u>15</u>	<u>241</u>	<u>9</u>	<u>1447</u>	<u>15</u>	<u>546</u>	<u>9</u>	<u>1418</u>
P 5 <u>20</u>	<u>274</u>	<u>12</u>	<u>1528</u>	<u>20</u>	<u>572</u>	<u>12</u>	<u>1468</u>
P 6 <u>25</u>	<u>312</u>	<u>15</u>	<u>1574</u>	<u>25</u>	<u>593</u>	<u>15</u>	<u>1504</u>
P 7 <u>30</u>	<u>348</u>	<u>18</u>	<u>1610</u>	<u>30</u>	<u>612</u>	<u>18</u>	<u>1538</u>
P 8 <u>35</u>	<u>380</u>	<u>21</u>	<u>1638</u>	<u>35</u>	<u>633</u>	<u>21</u>	<u>1564</u>
P 9 <u>40</u>	<u>409</u>	<u>24</u>	<u>1659</u>	<u>40</u>	<u>650</u>	<u>24</u>	<u>1585</u>
P10 <u>45</u>	<u>432</u>	<u>27</u>	<u>1676</u>	<u>45</u>	<u>669</u>	<u>27</u>	<u>1600</u>
P11 <u>50</u>	<u>454</u>	<u>30</u>	<u>1691</u>	<u>50</u>	<u>677</u>	<u>30</u>	<u>1612</u>
P12		<u>33</u>	<u>1703</u>	<u>55</u>	<u>698</u>	<u>33</u>	<u>1621</u>
P13		<u>36</u>	<u>1712</u>	<u>60</u>	<u>714</u>	<u>36</u>	<u>1630</u>
P14		<u>39</u>	<u>1721</u>			<u>39</u>	<u>1640</u>
P15		<u>42</u>	<u>1729</u>			<u>42</u>	<u>1648</u>
P16		<u>45</u>	<u>1737</u>			<u>45</u>	<u>1657</u>
P17						<u>48</u>	<u>1663</u>
P18						<u>51</u>	<u>1669</u>
P19						<u>54</u>	<u>1673</u>
P20						<u>57</u>	<u>1678</u>
						<u>60</u>	<u>1682</u>

WESTERN TESTING CO., INC.

Pressure Data

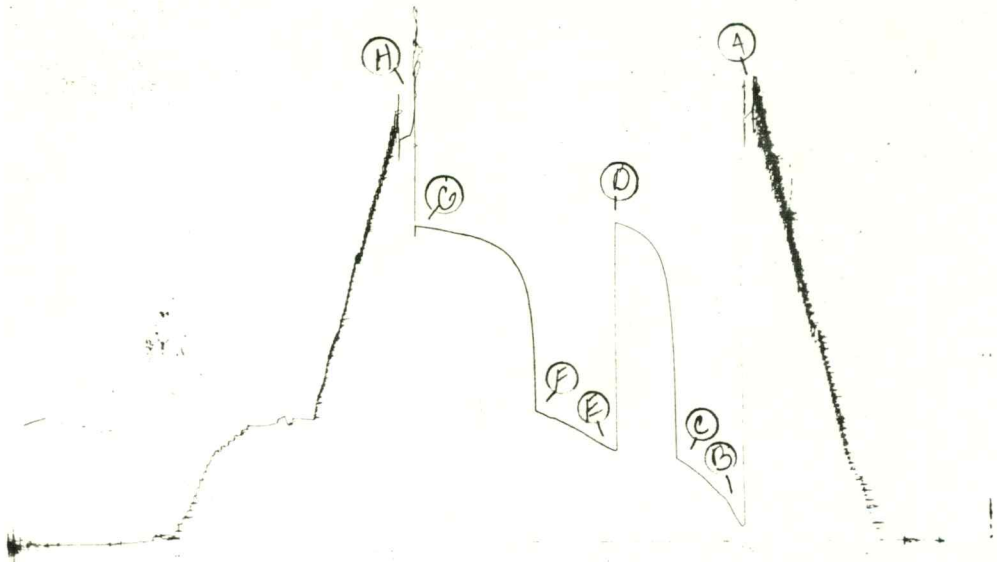
Date 12/31/79 Test Ticket No. 3482
 Recorder No. 3354 Capacity 4200 Location 4877 Ft.
 Clock No. ----- Elevation 1414 Ground Level Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2333 P.S.I.	Open Tool	1:15A M	
B First Initial Flow Pressure	82 P.S.I.	First Flow Pressure	45 Mins.	50 Mins.
C First Final Flow Pressure	454 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1737 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	496 P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure	714 P.S.I.			
G Final Closed-in Pressure	1722 P.S.I.			
H Final Hydrostatic Mud	2264 P.S.I.			

PRESSURE BREAKDOWN

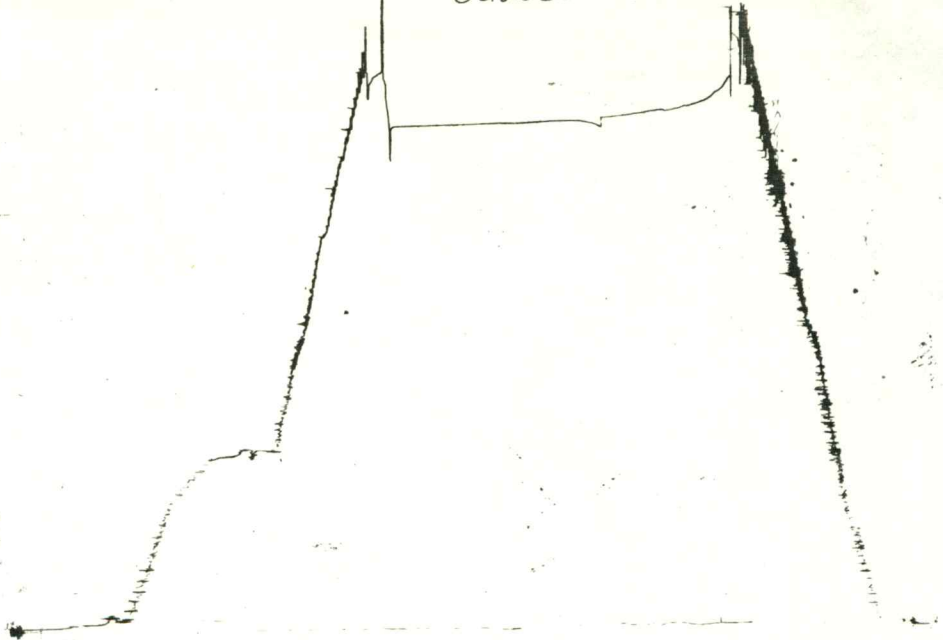
First Flow Pressure Breakdown: <u>10</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>30</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1687
P 2						66	1692
P 3						69	1696
P 4						72	1701
P 5						75	1706
P 6						78	1710
P 7						81	1713
P 8						84	1716
P 9						87	1719
P10						90	1722
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Trt # 3482
I



16.5.4

Tkt # 3482
Below Straddle



Company Griggs Oil, Inc. Lease & Well No. Zada Sheddy #1
 Elevation 1414 Ground Level Simpson Formation Effective Pay ----- Ft. Ticket No. 3465
 Date 1/4/80 Sec. 9 Twp. 35S Range 12W County Barber State Kansas
 Test Approved by R.D.Gensch Western Representative Dave Sloan
 Formation Test No. 5 Interval Tested from 5370 ft. to 5380 ft. Total Depth 5385 ft.
 Packer Depth 5365 ft. Size 6 3/4 in. Packer Depth 5380 ft. Size 6 3/4 in.
 Packer Depth 5370 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set --
 Top Recorder Depth (Inside) 5358 ft. Recorder Number 2604 Cap. 4150
 Bottom Recorder Depth (Outside) 5375 ft. Recorder Number 1562 Cap. 3150
 Below Straddle Recorder Depth 5382 ft. Recorder Number 6246 Cap. 5200
 Drilling Contractor Venture Drilling Rig #2 Drill Collar Length -- I. D. -- in.
 Mud Type drispac Viscosity 54 Weight Pipe Length 650 I. D. 3.2 in.
 Weight 8.9 Water Loss 14.2 cc. Drill Pipe Length -- I. D. 3.8 in.
 Chlorides 20,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.
 Jars: Make -- Serial Number -- Anchor Length 10 ft. Size 5 1/2 OD 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 FH in.

Blow: Weak blow throughout test.

Recovered 475 ft. of gas in pipe

Recovered 30 ft. of gas cut mud --slight oil specks.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:30 A.M. Time Started Off Bottom 2:30 P.M. Maximum Temperature Broken
 Initial Hydrostatic Pressure 2724 P.S.I.
 Initial Flow Period 45 Minutes (B) 21 P.S.I. to (C) 2 P.S.I.
 Initial Closed In Period 45 Minutes (D) 100 P.S.I.
 Final Flow Period 45 Minutes (E) 30 P.S.I. to (F) 9 P.S.I.
 Final Closed In Period 45 Minutes (G) 213 P.S.I.
 Final Hydrostatic Pressure 2657 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 1/4/80

Recorder No. 2604 Capacity 4150 Test Ticket No. 3465

Clock No. ----- Elevation 1414 Ground Level Location 5358 Ft. ---

Well Temperature --- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2724</u> P.S.I.	Open Tool	<u>11:30A</u> M	
B First Initial Flow Pressure	<u>21</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>2</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>100</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>30</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>9</u> P.S.I.			
G Final Closed-in Pressure	<u>213</u> P.S.I.			
H Final Hydrostatic Mud	<u>2657</u> P.S.I.			

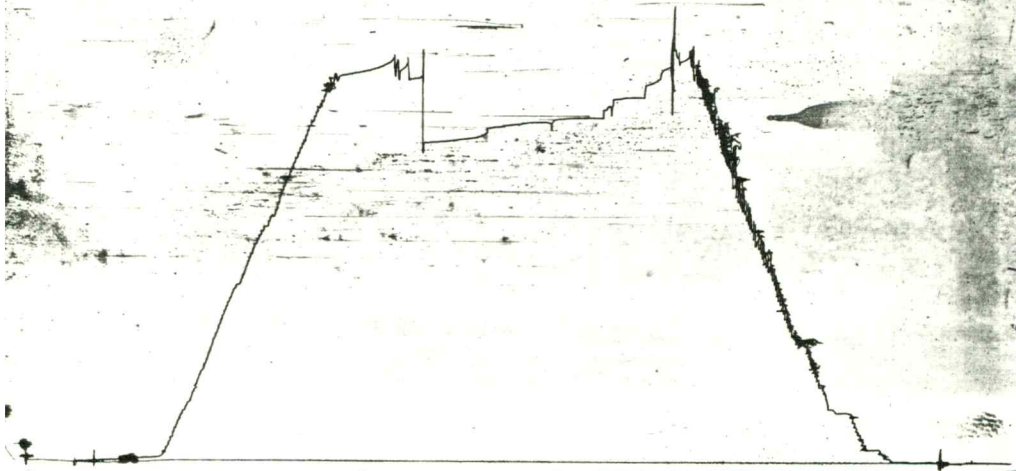
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>15</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>21</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>30</u>	<u>0</u>	<u>9</u>
P 2 <u>5</u>	<u>17</u>	<u>3</u>	<u>2</u>	<u>5</u>	<u>30</u>	<u>3</u>	<u>17</u>
P 3 <u>10</u>	<u>13</u>	<u>6</u>	<u>2</u>	<u>10</u>	<u>25</u>	<u>6</u>	<u>26</u>
P 4 <u>15</u>	<u>11</u>	<u>9</u>	<u>2</u>	<u>15</u>	<u>20</u>	<u>9</u>	<u>39</u>
P 5 <u>20</u>	<u>9</u>	<u>12</u>	<u>2</u>	<u>20</u>	<u>17</u>	<u>12</u>	<u>55</u>
P 6 <u>25</u>	<u>4</u>	<u>15</u>	<u>2</u>	<u>25</u>	<u>15</u>	<u>15</u>	<u>70</u>
P 7 <u>30</u>	<u>2</u>	<u>18</u>	<u>2</u>	<u>30</u>	<u>13</u>	<u>18</u>	<u>85</u>
P 8 <u>35</u>	<u>2</u>	<u>21</u>	<u>2</u>	<u>35</u>	<u>10</u>	<u>21</u>	<u>98</u>
P 9 <u>40</u>	<u>2</u>	<u>24</u>	<u>2</u>	<u>40</u>	<u>9</u>	<u>24</u>	<u>115</u>
P10 <u>45</u>	<u>2</u>	<u>27</u>	<u>4</u>	<u>45</u>	<u>9</u>	<u>27</u>	<u>130</u>
P11		<u>30</u>	<u>19</u>			<u>30</u>	<u>145</u>
P12		<u>33</u>	<u>32</u>			<u>33</u>	<u>157</u>
P13		<u>36</u>	<u>32</u>			<u>36</u>	<u>168</u>
P14		<u>39</u>	<u>72</u>			<u>39</u>	<u>185</u>
P15		<u>42</u>	<u>92</u>			<u>42</u>	<u>198</u>
P16		<u>45</u>	<u>100</u>			<u>45</u>	<u>213</u>
P17							
P18							
P19							
P20							

0240

TK # 3465
Below Straddle

Wiggins Oil Co
Shelby, Ark



TRK # 3465
I

Sheddy #1 OST 5

