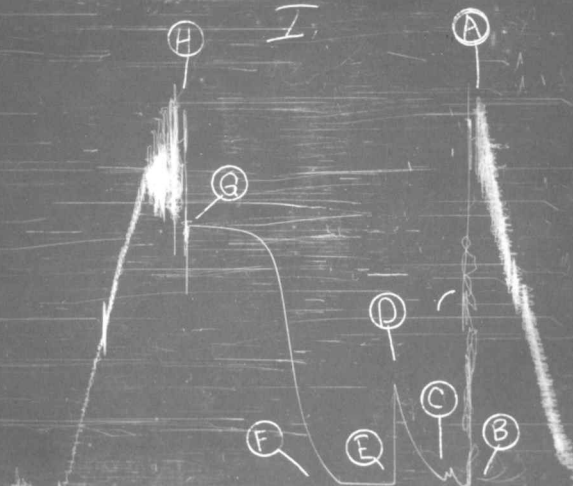


TKI# 24506

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

Company Anadarko Production Co. Lease & Well No. St. Clair A-#1
Elevation 1347 Ground Level Formation Simpson Effective Pay - Ft. Ticket No. 24506
Date 3-17-77 Sec. 14 Twp. 29S Range 4W County Sedgwick State Kansas
Test Approved by W.R. Braley Western Representative Norman Allen
Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 4272' to 4280' Total Depth 4280'
Size Main Hole 77/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 4267 Ft. Size 6 3/4 Bottom Packer Depth 4272 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 8 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4260 Ft. Clock No. 9102 Depth 4276 Ft. Clock No. 6896
Top Make Kuster Cap. 4500 No. 3085 Inside Outside Bottom Make Kuster Cap. 3200 No. 1561 Inside Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ Inside Outside Depth ☐ Ft. ☐ Rec. No. ☐ Clock No. ☐ Inside Outside
Time Set Packer 5:58 A M
Tool Open I.F.P. From 6:00 A.M. to 6:20 A.M. - Hr. 20 Min. From (B) 26 P.S.I. To (C) 64 P.S.
Tool Closed I.C.I.P. From 6:20 M. to 7:00 A.M. - Hr. 40 Min (D) 676 P.S.
Tool Open F.F.P. From 7:00 A.M. to 7:40 A.M. - Hr. 40 Min. From (E) 48 P.S.I. To (F) 43 P.S.
Tool Closed F.C.I.P. From 7:40 M. to 9:40 A.M. 2 Hr. - Min. (G) 1663 P.S.
Initial Hydrostatic Pressure (A) 2212 P.S.I. Final Hydrostatic Pressure (H) 2210 P.S.I. Maximum Temp. 132

INFORMATION

BLOW Weak blow on initial flow period increasing to a fair and steady blow throughout final flow period.

Did Well Flow - Yes ☒ No ☐ Recovery Total Ft. 55' very slightly gas cut mud. 60' slightly oil and gas cut mud (15% oil, 85% mud) 3' free oil (42% gravity corrected)

Reversed Out - Yes ☒ No ☐ Mud Type starch Viscosity 43 Weight 9.8 Water Loss 13.2 cc. Chlorides 41,000 P.P.M.

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Bowen Jars: Size 4 1/2 OD In. Make WTC Ser. No. 411

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR Gabbert - Jones Drlg. Length Drill Pipe? 3844 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 398 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4H90 In. Length D.S.T. Tool 38 Ft.

Remarks:

Slid tool 2' to bottom.

WESTERN TESTING CO., INC.

Pressure Data

Date 3-17-77 Test Ticket No. 24506
 Recorder No. 3085 Capacity 4500 Location 4260 Ft.
 Clock No. 9102 Elevation 1347 Ground Level Well Temperature 132 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2212 P.S.I.	Open Tool	5:58 A M	
B First Initial Flow Pressure	26 P.S.I.	First Flow Pressure	20 Mins.	20 Mins.
C First Final Flow Pressure	64 P.S.I.	Initial Closed-in Pressure	40 Mins.	36 Mins.
D Initial Closed-in Pressure	676 P.S.I.	Second Flow Pressure	40 Mins.	40 Mins.
E Second Initial Flow Pressure	48 P.S.I.	Final Closed-in Pressure	120 Mins.	120 Mins.
F Second Final Flow Pressure	43 P.S.I.			
G Final Closed-in Pressure	1663 P.S.I.			
H Final Hydrostatic Mud	2210 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>8</u> Inc.		Breakdown: <u>40</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>26</u>	<u>0</u>	<u>64</u>	<u>0</u>	<u>48</u>	<u>0</u>	<u>43</u>
P 2 <u>5</u>	<u>24</u>	<u>3</u>	<u>91</u>	<u>5</u>	<u>36</u>	<u>3</u>	<u>57</u>
P 3 <u>10</u>	<u>57</u>	<u>6</u>	<u>120</u>	<u>10</u>	<u>37</u>	<u>6</u>	<u>81</u>
P 4 <u>15</u>	<u>88</u>	<u>9</u>	<u>146</u>	<u>15</u>	<u>38</u>	<u>9</u>	<u>108</u>
P 5 <u>20</u>	<u>64</u>	<u>12</u>	<u>174</u>	<u>20</u>	<u>39</u>	<u>12</u>	<u>141</u>
P 6		<u>15</u>	<u>206</u>	<u>25</u>	<u>40</u>	<u>15</u>	<u>182</u>
P 7		<u>18</u>	<u>251</u>	<u>30</u>	<u>41</u>	<u>18</u>	<u>220</u>
P 8		<u>21</u>	<u>299</u>	<u>35</u>	<u>42</u>	<u>21</u>	<u>270</u>
P 9		<u>24</u>	<u>349</u>	<u>40</u>	<u>43</u>	<u>24</u>	<u>325</u>
P10		<u>27</u>	<u>406</u>			<u>27</u>	<u>387</u>
P11		<u>30</u>	<u>483</u>			<u>30</u>	<u>466</u>
P12		<u>33</u>	<u>577</u>			<u>33</u>	<u>553</u>
P13		<u>36</u>	<u>676</u>			<u>36</u>	<u>669</u>
P14						<u>39</u>	<u>827</u>
P15						<u>42</u>	<u>1025</u>
P16						<u>45</u>	<u>1199</u>
P17						<u>48</u>	<u>1324</u>
P18						<u>51</u>	<u>1423</u>
P19						<u>54</u>	<u>1491</u>
P20						<u>57</u>	<u>1532</u>
						<u>60</u>	<u>1560</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 3-17-77 Test Ticket No. 24506
 Recorder No. 3085 Capacity 4500 Location 4260 Ft.
 Clock No. 9102 Elevation 1347 Ground Level Well Temperature 132 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.		M
B First Initial Flow Pressure	P.S.I.		Mins. Mins.
C First Final Flow Pressure	P.S.I.		Mins. Mins.
D Initial Closed-in Pressure	P.S.I.		Mins. Mins.
E Second Initial Flow Pressure	P.S.I.		Mins. Mins.
F Second Final Flow Pressure	P.S.I.		
G Final Closed-in Pressure	P.S.I.		
H Final Hydrostatic Mud	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 mins. and a		of mins. and a		of mins. and a		of mins. and a	
final inc. of Min.		final inc. of Min.		final inc. of Min.		final inc. of Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1583
P 2						66	1597
P 3						69	1608
P 4						72	1617
P 5						75	1624
P 6						78	1631
P 7						81	1636
P 8						84	1640
P 9						87	1642
P10						90	1645
P11						93	1647
P12						96	1650
P13						99	1654
P14						102	1656
P15						105	1658
P16						108	1659
P17						111	1660
P18						114	1661
P19						117	1662
P20						120	1663