

Lease <u>None</u>	Well No. <u>1</u>	Date <u>7-17-76</u>
County <u>SUMNER</u>	Sec. <u>30</u> Twp. <u>31</u> Rng. <u>2W</u>	Elevation <u>1310</u>
Company <u>Wiley R. Ash Sr.</u>		Test No. <u>1</u>
Contractor <u>Red Tiger #5</u>		Zone Tested <u>Sealed</u>
Charge To <u>Wiley R. Ash Sr.</u>		Time Tool Opened _____ A.M. _____ P.M.
Approved By <u>Wiley R. Ash</u>		Tester <u>F. Bowman - 017</u>

Initial Hydro Mud Press. 1139 P.S.I.
 Initial Flow Press. 390 To 769 P.S.I. Initial Flow Period 15 Min.
 Initial Shut-in Press. 1090 P.S.I. Initial Shut-in 30 Min.
 Final Flow Press. 227 To 846 P.S.I. Final Flow Period 45 Min.
 Final Shut-in Press. 1090 P.S.I. Final Shut-in 90 Min.
 Final Hydro Mud Press. 1120 P.S.I.

Price Job <u>345.00</u>
Other Charges _____

Total _____

Temperature 95
 Mud Weight 9.2 Viscosity 43
 Fluid Loss _____
 Interval Tested 2038 To 2079

Top Packer Depth 2133 Surface Choke Size _____
 Bottom Packer Depth 2038 Bottom Choke Size 5/8
 Total Depth 2079 Main Hole Size 7 7/8
 Drill Pipe Size 4" X.H. Wt Rubber Size 6 3/4
 Drill Collar I.D. _____ Ft. Run _____

Blow STUDY GAS TO SURFACE IN 1 MIN.
STABLE AT 1,130,000" ON 2nd OPEN.

Recovery 1' mud.
1st OPN = 4,198 MCF
2nd " = 6,430 MCF stab.

Remarks _____

Sun Oilwell Cementing, Inc. shall not be liable for damages of any kind to the property or the personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion as a result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Lease <u>NEEL</u>	Well No. <u>11</u>	Date <u>8-23-76</u>
County <u>SUMMIT</u> Sec. <u>30</u> Twp. <u>31</u> Rng. <u>2</u>	Elevation	
Company <u>WILEY ASH ST.</u>	Test No. <u>2</u>	
Contractor <u>RED TIGER #5</u>	Zone Tested <u>KC</u>	
Charge To <u>WILEY ASH ST.</u>	Time Tool Opened <u>8:45</u>	A.M. P.M.
Approved By <u>L. E. Carter</u>	Tester <u>William Brown 013</u>	

Initial Hydro Mud Press. 1782 P.S.I.

Initial Flow Press. 30 To 30 P.S.I. Initial Flow Period 20 Min.

Initial Shut-in Press. 1254 P.S.I. Initial Shut-in 15 Min.

Final Flow Press. 40 To 40 P.S.I. Final Flow Period 15 Min.

Final Shut-in Press. 1254 P.S.I. Final Shut-in 15 Min.

Final Hydro Mud Press. 1780 P.S.I.

Temperature 108

Mud Weight 10 Viscosity 41

Fluid Loss

Interval Tested 3404 To 3433

Top Packer Depth 5399 Surface Choke Size

Bottom Packer Depth 3404 Bottom Choke Size 5 1/8

Total Depth 3433 Main Hole Size 7 3/8

Drill Pipe Size 4 1/2 X 4 Wt 4 1/2 X 4 Rubber Size 6 3/8

Drill Collar I.D. Ft. Run

Blow VERY WEAK DEAD IN 5 MIN

Recovery 10' MUD SHOW OF OIL ON TOP TOOL

Remarks

Sun Oilwell Cementing, Inc. shall not be liable for damages of any kind to the property or the personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Lease <u>NEEL</u>	Well No. <u>1</u>	Date <u>8-26-76</u>
County <u>SUMNER</u> Sec. <u>30</u> Twp. <u>31</u> Rng. <u>2 W</u>	Elevation	
Company <u>WILEY R. ASH SR.</u>	Test No. <u>3</u>	
Contractor <u>RED TIGER #5</u>	Zone Tested <u>MISS.</u>	
Charge To <u>WILEY R. ASH SR.</u>	Time Tool Opened <u>1:10</u>	A.M. P.M.
Approved By <u>Wiley R. Ash</u>	Tester <u>Wiley R. Ash 015</u>	

Initial Hydro Mud Press. 2117 P.S.I.

Initial Flow Press. 20 To 20 P.S.I. Initial Flow Period 4.5 Min.

Initial Shut-in Press. 142 P.S.I. Initial Shut-in 30 Min.

Final Flow Press. 30 To 41 P.S.I. Final Flow Period 150 Min.

Final Shut-in Press. 234 P.S.I. Final Shut-in 60" Min.

Final Hydro Mud Press. 2107 P.S.I.

Temperature 110

Mud Weight 10 Viscosity 43

Fluid Loss

Interval Tested 3898 To 3910

Top Packer Depth 3898

Bottom Packer Depth 9

Total Depth 3910

Drill Pipe Size 4 1/2 x 4 Wt 4 1/2 x 4

Drill Collar I.D. Ft. Run

Blow WEAK TO GOOD THRU-OUT TEST

Recovery 66% GAS IN PIPE 100% SHALLOW TEST

Remarks

Price Job	<u>\$1345.00</u>
Other Charges	
Total	

Sun Oilwell Cementing, Inc. shall not be liable for damages of any kind to the property or the personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

P.O. Box 169

Great Bend, Kansas 67530

Lease <u>NEEL</u>	Well No. <u>1</u>	Date <u>8-26-76</u>
County <u>SUMNER</u> Sec. <u>30</u> Twp. <u>31</u> Rng. <u>2W</u>	Elevation	
Company <u>WILEY R. ASH SH.</u>	Test No. <u>4</u>	
Contractor <u>RED TIGER #5</u>	Zone Tested <u>MISS.</u>	
Charge To <u>WILEY R. ASH SH.</u>	Time Tool Opened <u>8:05</u>	A.M. P.M.
Approved By <u>[Signature]</u>	Tester <u>Wiley [Signature]</u>	

Initial Hydro Mud Press. 2197 P.S.I.
 Initial Flow Press. 46 To 129 P.S.I. Initial Flow Period 60 Min.
 Initial Shut-in Press. 1467 P.S.I. Initial Shut-in 45 Min.
 Final Flow Press. 138 To 249 P.S.I. Final Flow Period 120 Min.
 Final Shut-in Press. 1431 P.S.I. Final Shut-in 60 Min.

Final Hydro Mud Press. 2180 P.S.I.
 Temperature 114
 Mud Weight 9.9 Viscosity 51
 Fluid Loss _____
 Interval Tested 3913 To 3935

Price Job <u>345.00</u>
Other Charges _____

Total _____

Top Packer Depth 3913 Surface Choke Size _____
 Bottom Packer Depth - Bottom Choke Size 5/8
 Total Depth 3935 Main Hole Size 7 7/8
 Drill Pipe Size 4 1/2 X 4 Wt 43 X 14 Rubber Size 6 3/4
 Drill Collar I.D. _____ Ft. Run _____
 Blow STONE & BLOW THROUGH-OUT TEST

Recovery GAS TO SURFACE IN 30 MIN. ON FINAL SHUT-IN
30' VERY HVY. OIL & GAS CUT MUD
420' FROTHY HVY. MUD CUT OIL
10' MUD CUT WATER (DITING)

Remarks NO OIL NO TOOL

Sun Oilwell Cementing, Inc. shall not be liable for damages of any kind to the property or the personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

P.O. Box 169

Great Bend, Kansas 67530

30-31-2W

Lease <u>NEEL</u>	Well No. <u>1</u>	Date <u>8-27-74</u>
County <u>SUMNER</u> Sec. <u>30</u> Twp. <u>31</u> Rng. <u>2</u>	Elevation	
Company <u>WILEY RASH ST.</u>	Test No. <u>5</u>	
Contractor <u>RED TIGER MS</u>	Zone Tested <u>MISS.</u>	
Charge To <u>WILEY RASH ST.</u>	Time Tool Opened <u>245</u>	A.M. P.M.
Approved By <u>L.E. Carter</u>	Tester <u>Willie</u>	

Initial Hydro Mud Press. 2279 P.S.I.

Initial Flow Press. 30 To 132 P.S.I. Initial Flow Period 60 Min.

Initial Shut-in Press. 1528 P.S.I. Initial Shut-in 45 Min.

Final Flow Press. 140 To 285 P.S.I. Final Flow Period 120 Min.

Final Shut-in Press. 1528 P.S.I. Final Shut-in 75 Min.

Final Hydro Mud Press. 2290 P.S.I.

Temperature 122

Mud Weight 9.9 Viscosity 51

Fluid Loss

Interval Tested 3958 To 3957

Price Job	<u>345.00</u>
Other Charges	
Total	

Top Packer Depth 3938 Surface Choke Size

Bottom Packer Depth - Bottom Choke Size 5 1/2

Total Depth 3957 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 x 11 Wt 46 x 4 Rubber Size 6 3/4

Drill Collar I.D. Ft. Run

Blow PAIR BLOW THROUGH TEST

Recovery 540' MUDDY WATER

Remarks OPR. 55 MIN

Sun Oilwell Cementing, Inc. shall not be liable for damages of any kind to the property or the personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.