

Sun Oil Well Cementing, Inc.

DRILL-STEM TEST TICKET N^o 1799

P.O. Box 169

Great Bend, Kansas 67530

32-315-2W

Lease	Well No.	Date
County	Sec.	Elevation
Company	Twp.	Test No.
Contractor	Rng.	Zone Tested
Charge To		
Approved By		Tester

Recorder No. 420 Clock Range 12 Recorder No. 2826 Clock Range 12

Depth 880 Depth 883

Initial Hydro Mud Press. 439 P.S.I.

Initial Flow Press. 7 To 9 P.S.I. Initial Flow Period 15 Min.

Initial Shut-in Press. 302 P.S.I. Initial Shut-in 15 Min.

Final Flow Press. 9 To 9 P.S.I. Final Flow Period 15 Min.

Final Shut-in Press. 273 P.S.I. Final Shut-in 15 Min.

Final Hydro Mud Press. 419 P.S.I.

Temperature 107

Mud Weight 12.2 Viscosity 32

Fluid Loss 0.2

Interval Tested 739 To 886

Price Job
Other Charges
Total

Top Packer Depth 833 Surface Choke Size

Bottom Packer Depth 738 Bottom Choke Size 5/8

Total Depth 886 Main Hole Size 2 1/2

Drill Pipe Size Wt Rubber Size 2 3/4

Drill Collar I.D. Ft. Run

Blow 1000 T-41-1 Rm W F P

Recovery 10' water mud

Remarks

Sun Oil Well Cementing, Inc.

DRILL-STEM TEST TICKET

No 1800

P.O. Box 169

Great Bend, Kansas 67530

32-315-2W

Lease <u>Irby</u>	Well No. <u>13-2</u>	Date <u>8-14-75</u>
County <u>Sumner</u>	Sec. <u>32</u> Twp. <u>21</u> Rng. <u>2W</u>	Elevation
Company <u>Wiley R. Ash</u>		Test No. <u>3</u>
Contractor <u>Red Tiger</u>		Zone Tested <u>STAN/NAKER</u>
Charge To <u>Wiley R. Ash</u>		
Approved By <u>L E Carter</u>		Tester <u>F. Bowman 14N-014</u>

Recorder No. 1620 Clock Range 12 Recorder No. 2821 Clock Range 12

Depth 2935 Depth 2938

Initial Hydro Mud Press. 1645 P.S.I.

Initial Flow Press. 439 To 395 P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 1021 P.S.I. Initial Shut-in 30 Min.

Final Flow Press. 222 To 1011 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 1021 P.S.I. Final Shut-in 30 Min.

Final Hydro Mud Press. 1593 P.S.I.

Temperature 112

Mud Weight 78 Viscosity 38

Fluid Loss 112

Interval Tested 2911 To 2941

Price Job
Other Charges
Total

Top Packer Depth 2906 Surface Choke Size

Bottom Packer Depth 2911 Bottom Choke Size 5/8

Total Depth 2941 Main Hole Size 77/8

Drill Pipe Size Wt Rubber Size 63/4

Drill Collar I.D. Ft. Run

Blow STAND BY I.F.P. DOWNSIDE TO DEAK-EEP

Recovery 250' GAS IN PIPE 250' WATERY MUD

1542' SALT WATER

Remarks 1792' TOTAL FLUID

Sun Oil Well Cementing, Inc.

DRILL-STEM TEST TICKET

No

1876

P.O. Box 169

Great Bend, Kansas 67530

32-315-2W

Lease <u>EVERY</u>	Well No. <u>B-2</u>	Date <u>8-16-75</u>
County <u>SUMNER</u>	Sec. <u>32</u> Twp. <u>21</u> Rng. <u>2W</u>	Elevation
Company <u>Wiley R. ASH</u>		Test No. <u>4</u>
Contractor <u>Red Tiger</u>		Zone Tested <u>HERTHA</u>
Charge To <u>Wiley R. ASH</u>		
Approved By <u>L.E. Carter</u>		Tester <u>F. BOWMAN</u>

Recorder No. 1120 Clock Range 12 Recorder No. 2826 Clock Range 12Depth 3449 Depth 3452Initial Hydro Mud Press. 1902 P.S.I.Initial Flow Press. 48 To 58 P.S.I. Initial Flow Period 30 Min.Initial Shut-in Press. 750 ✓ P.S.I. Initial Shut-in 30 Min.Final Flow Press. 59 To 68 P.S.I. Final Flow Period 60 Min.Final Shut-in Press. 1070 ✓ P.S.I. Final Shut-in 60 Min.Final Hydro Mud Press. 1862 P.S.I.Temperature 118Mud Weight 79 Viscosity 45Fluid Loss 5.2Interval Tested 3385 To 3455

Price Job

Other Charges

Total

Top Packer Depth 3380 Surface Choke SizeBottom Packer Depth 3385 Bottom Choke Size 5/8Total Depth 3455 Main Hole Size 7 7/8Drill Pipe Size Wt Rubber Size 6 3/4

Drill Collar I.D. Ft. Run

Blow WEAK INCREASING TO FAIRRecovery 155' GAS IN PIPE30' SLT OIL CUT MUD, 30' Heavy oil cut mud,

Remarks

No WATER F.S.P. STILL BUILDING

NY 0118

Sun Oil Well Cementing, Inc.

DRILL-STEM TEST TICKET

No 1877

P.O. Box 169

Great Bend, Kansas 67530

32-315-2W

Lease <u>Ivey</u>	Well No. <u>13-2</u>	Date <u>8-18-75</u>
County <u>Sumner</u>	Sec. <u>32</u> Twp. <u>21</u> Rng. <u>2W</u>	Elevation
Company <u>Wiley R. HSH</u>		Test No. <u>5</u>
Contractor <u>Red Tiger</u>		Zone Tested <u>PAWNEE LM</u>
Charge To <u>Wiley R. HSH</u>		
Approved By <u>L E Carter</u>		Tester <u>F. Bowman</u>

Recorder No. 1620 Clock Range 12 Recorder No. 2826 Clock Range 12Depth 3657 ✓ Depth 3660 ✓Initial Hydro Mud Press. 2082 P.S.I.Initial Flow Press. 78 To 78 P.S.I. Initial Flow Period 15 Min.Initial Shut-in Press. 78 P.S.I. Initial Shut-in 15 Min.Final Flow Press. 78 To 78 ✓ P.S.I. Final Flow Period 15 Min.Final Shut-in Press. 78 ✓ P.S.I. Final Shut-in 15 Min.Final Hydro Mud Press. 2069 P.S.I.Temperature 118Mud Weight 92 Viscosity 43Fluid Loss 80Interval Tested 3652 To 3663

Price Job

Other Charges

Total

Top Packer Depth 3647 Surface Choke SizeBottom Packer Depth 3652 Bottom Choke Size 5/8Total Depth 3663 Main Hole Size 7 7/8Drill Pipe Size Wt Rubber Size 6 3/4

Drill Collar I.D. Ft. Run

Blow Very Weak Dead in 5 min. Flush Tool Twice, No HelpRecovery 10 FT Slightly Gas Cut Mud

Remarks

Sun Oil Well Cementing, Inc.

DRILL-STEM TEST TICKET

№ 1878

P.O. Box 169

Great Bend, Kansas 67530

Lease <u>Ivey</u>	Well No. <u>R-2</u>	Date <u>8-20-75</u>
County <u>Sumner</u>	Sec. <u>32</u> Twp. <u>21</u> Rng. <u>24</u>	Elevation
Company <u>Wilcox R. A.S.H.</u>		Test No. <u>PLANE L1</u>
Contractor <u>Red Tiger</u>		Zone Tested <u>(1150)</u>
Charge To <u>Wilcox R. A.S.H.</u>		
Approved By <u>L.E. Carter</u>		Tester <u>F. B. MAH-014</u>

Recorder No. 1620 Clock Range 12 Recorder No. 2826 Clock Range 12Depth 3919 ✓ Depth 3922Initial Hydro Mud Press. 2133 P.S.I.Initial Flow Press. 68 To 312 P.S.I. Initial Flow Period 18 Min.Initial Shut-in Press. 1623 P.S.I. Initial Shut-in 30 Min.Final Flow Press. 232 To 524 P.S.I. Final Flow Period 135 Min.Final Shut-in Press. 1613 Still Building P.S.I. Final Shut-in 150 Min.Final Hydro Mud Press. 2012 P.S.I.Temperature 118Mud Weight 92 Viscosity 53Fluid Loss 164Interval Tested 3880 To 3925

Price Job

Other Charges

Total

Top Packer Depth 3875 Surface Choke Size 1 1/2Bottom Packer Depth 3880 Bottom Choke Size 5/8Total Depth 3925 Main Hole Size 7 7/8Drill Pipe Size _____ Wt _____ Rubber Size 6 3/4

Drill Collar I.D. _____ Ft. Run _____

Blow STRONG GAS TO SURFACE IN 4 MIN.Recovery 10 MIN 1,832,000" 15 MIN 1,198,000" 18 MIN 1,300,000" 20 MIN 1,552,000" 23 MIN 1,694,000"

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.

NY 011 f

Sun Oil Well Cementing, Inc.

DRILL-STEM TEST TICKET

№ 1879

P.O. Box 169

Great Bend, Kansas 67530

Lease <u>Tracy</u>	Well No. <u>B-2</u>	Date <u>8-21-75</u>
County <u>Sumner</u>	Sec. <u>32</u> Twp. <u>21</u> Rng. <u>24</u>	Elevation
Company <u>Wiley R. ASH</u>		Test No. <u>7</u>
Contractor <u>Red Tiger</u>		Zone Tested <u>POKIEL LM</u>
Charge To <u>Wiley R. ASH</u>		
Approved By <u>L.E. Bortner</u>		Tester <u>F. Bowman - O.H.</u>

Recorder No. 1620 Clock Range 12 Recorder No. 3826 Clock Range 12Depth 3931 ✓ Depth 3934 ✓Initial Hydro Mud Press. 2213 P.S.I.Initial Flow Press. 107 To 156 P.S.I. Initial Flow Period 55 Min.Initial Shut-in Press. 1703 P.S.I. Initial Shut-in 60 Min.Final Flow Press. 146 To 205 ✓ P.S.I. Final Flow Period 165 Min.Final Shut-in Press. 1693 ✓ P.S.I. Final Shut-in 60 Min.Final Hydro Mud Press. 2165 P.S.I.Temperature 130Mud Weight 98 Viscosity 53Fluid Loss 163Interval Tested 3921 To 3937

Price Job

Other Charges

Total

Top Packer Depth 3916 Surface Choke Size 1 1/4Bottom Packer Depth 3921 Bottom Choke Size 5/8Total Depth 3937 Main Hole Size 7 7/8Drill Pipe Size _____ Wt _____ Rubber Size 6 3/4

Drill Collar I.D. _____ Ft. Run _____

Blow STRAIGHT AS TO SURFACE IN 60 MIN.Recovery F.F.P. 35 MIN 100,000' 40 MIN 101,500' 45 MIN 103,000' 50 MIN 104,500' 55 MIN 106,000'

Remarks

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Sun Oil Well Cementing, Inc.

DRILL-STEM TEST TICKET

No 1880

P.O. Box 169

Great Bend, Kansas 67530

Lease <u>Ivey</u>	Well No. <u>B-2</u>	Date <u>8-24-75</u>
County <u>Sumner</u> Sec. <u>32</u> Twp. <u>21</u> Rng. <u>24</u>		Elevation
Company <u>Wiley R. ASH.</u>		Test No. <u>8</u>
Contractor <u>Red Tiger</u>		Zone Tested <u>Permian</u>
Charge To <u>Wiley R. ASH.</u>		
Approved By <u>L. E. Barton</u>		Tester <u>F. Bowman</u>

Recorder No. 1620 Clock Range 12 Recorder No. 2826 Clock Range 12Depth 4299 ✓ Depth 4302 ✓Initial Hydro Mud Press. 2304 P.S.I.Initial Flow Press. _____ To _____ P.S.I. Initial Flow Period 10 Min.Initial Shut-in Press. _____ P.S.I. Initial Shut-in 10 Min.Final Flow Press. 39 To 39 ✓ P.S.I. Final Flow Period _____ Min.Final Shut-in Press. 39 ✓ P.S.I. Final Shut-in _____ Min.Final Hydro Mud Press. 2280 P.S.I.Temperature 115Mud Weight 102 Viscosity 44Fluid Loss 153✓ Interval Tested 4276 To 4305

Price Job
Other Charges
Total

Top Packer Depth 4271 Surface Choke Size _____Bottom Packer Depth 4276 Bottom Choke Size 5/8Total Depth 4305 Main Hole Size 7 7/8Drill Pipe Size _____ Wt _____ Rubber Size 6 3/4

Drill Collar I.D. _____ Ft. Run _____

Blow Very weak Dead 1 min.Recovery 2' mud

Remarks _____