

Lease <u>NEWFIELD</u>	Well No. <u>1</u>	Date <u>2-15-77</u>
County <u>HARVEY</u>	Sec. <u>14</u> Twp. <u>23</u> Rng. <u>2</u>	Elevation <u>1439 G.H.</u>
Company <u>SANDERS OIL CO.</u>		Test No. <u>1</u>
Contractor <u>TRIANGLE DRLLG.</u>		Zone Tested <u>MISS. CHERT</u>
Charge To <u>SANDERS OIL CO.</u>		Time Tool Opened <u>4:15</u> A.M. P.M.
Approved By <u>L.E. GORTON</u>		Tester <u>BLAKE</u>

Initial Hydro Mud Press. 1526 P.S.I.Initial Flow Press. 131 To 223 P.S.I. Initial Flow Period 30 Min.Initial Shut-in Press. 491 P.S.I. Initial Shut-in 45 Min.Final Flow Press. 256 To 357 P.S.I. Final Flow Period 45 Min.Final Shut-in Press. 446 P.S.I. Final Shut-in 60 Min.Final Hydro Mud Press. 1514 P.S.I. Price Job 1380.00Temperature 113° Other ChargesMud Weight 93 Viscosity 51Fluid Loss 103Interval Tested 2928 To 2959 TotalTop Packer Depth 2923 Surface Choke Size 1.6 P. 3/4 F.F.P. 1/2Bottom Packer Depth 2928 Bottom Choke Size 5/8Total Depth 2959 Main Hole Size 7 7/8Drill Pipe Size 4 1/2 Wt — Rubber Size 6 3/4Drill Collar I.D. 2 1/2 Ft. Run 110Blow STRONG THW - OUT TESTRecovery GAS TO SURFACE IN 7 MIN.1.6 P. 10 MIN. 77,800 - 20 MIN. 66,600 - 30 MIN. 55,200F.F.P. 10 MIN. 6,500 - 20 MIN. 25,100 - 30 MIN. 20,900 - 40 MIN. 18,80045 MIN. 16,700 - 120' GAS CUT WATERY MUDRemarks 600' FORMATION WATER

Lease <u>NEW FLD</u>	Well No. <u>1</u>	Date <u>2-19-77</u>
County <u>HARVEY</u>	Sec. <u>14</u> Twp. <u>23</u> Rng. <u>2</u>	Elevation <u>1439 B.L.</u>
Company <u>SANDERS OIL CO.</u>		Test No. <u>2</u>
Contractor <u>TRIANGLE DRILLING</u>		Zone Tested <u>MISS. WARSAW</u> <u>602</u>
Charge To <u>SANDERS OIL CO.</u>		Time Tool Opened <u>8:05</u> <u>A.M.</u> <u>P.M.</u>
Approved By <u>L. E. Carter</u>		Tester <u>Blank</u>

Initial Hydro Mud Press. 1548 P.S.I.Initial Flow Press. 28 To 38 P.S.I. Initial Flow Period 30 Min.Initial Shut-in Press. 772 P.S.I. Initial Shut-in 30 Min.Final Flow Press. 59 To 71 P.S.I. Final Flow Period 45 Min.Final Shut-in Press. 802 P.S.I. Final Shut-in 60 Min.Final Hydro Mud Press. 1523 P.S.I. Price Job 380.00Temperature 113° Other ChargesMud Weight 98 Viscosity 50Fluid Loss 10Interval Tested 2965 To 2983 TotalTop Packer Depth 2960 Surface Choke Size -Bottom Packer Depth 2965 Bottom Choke Size 5/8Total Depth 2983 Main Hole Size 7 7/8Drill Pipe Size 4 1/2 Wt - Rubber Size 6 3/4Drill Collar I.D. 2 1/2 Ft. Run 110Blow Good THRU-OUT TESTRecovery GOOD TO SURFACE IN 70 MIN. (T.S. T.M.)40' SLIP OIL & GAS CUT MUD.90' OIL & GAS CUT THIN MUD.60' OIL CUT MUDDY WATER

Remarks

P.O. Box 169

Great Bend, Kansas 67530

Lease <u>NEWFIELD</u>	Well No. <u>1</u>	Date <u>2-21-77</u>
County <u>HARVEY</u>	Sec. <u>14</u> Twp. <u>23</u> Rng. <u>2</u>	Elevation <u>1439 G.L.</u>
Company <u>SANDERS OIL CO.</u>		Test No. <u>3</u>
Contractor <u>TRIANGLE D.D.L.</u>		Zone Tested <u>HUNTON-MDNER</u>
Charge To <u>SANDERS OIL CO.</u>		Time Tool Opened <u>10:10</u> A.M. P.M.
Approved By <u>L.E. Ginter</u>		Tester <u>B.C. BL</u>

Initial Hydro Mud Press. 1668 P.S.I.Initial Flow Press. 12 To 16 P.S.I. Initial Flow Period 30 Min.Initial Shut-in Press. 1118 P.S.I. Initial Shut-in 45 Min.Final Flow Press. 24 To 24 P.S.I. Final Flow Period 15 Min.Final Shut-in Press. 969 P.S.I. Final Shut-in 15 Min.Final Hydro Mud Press. 1651 P.S.I. Price Job 380.00Temperature 114° Other ChargesMud Weight 98 Viscosity 38Fluid Loss 10Interval Tested 3168 To 3194 TotalTop Packer Depth 3163 Surface Choke Size —Bottom Packer Depth 3168 Bottom Choke Size 5/8Total Depth 3194 Main Hole Size 7 7/8Drill Pipe Size 4 1/2 Wt — Rubber Size 1 3/4Drill Collar I.D. 2 1/2 Ft. Run 110Blow VERY WEAK THRU-OUT I.F.P.NO BLOW ON F.F.P.Recovery 15' Mud.Remarks Flush Tool ON F.F.P.

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Lease <u>Now Field</u>	Well No. <u>1</u>	Date <u>2-22-77</u>
County <u>HARVEY</u>	Sec. <u>14</u> Twp. <u>23</u> Rng. <u>2</u>	Elevation <u>1439 G.L.</u>
Company <u>SANDERS OIL CO.</u>		Test No. <u>4</u>
Contractor <u>TRIANGLE DRILLING</u>		Zone Tested <u>HUNTON lime</u>
Charge To <u>SANDERS OIL CO.</u>		Time Tool Opened <u>9:05</u> A.M. P.M.
Approved By <u>J. E. Carter</u>		Tester <u>Blake</u>

Initial Hydro Mud Press. 1670 P.S.I.Initial Flow Press. 22 To 35 P.S.I. Initial Flow Period 30 Min.Initial Shut-in Press. 1074 P.S.I. Initial Shut-in 45 Min.Final Flow Press. 55 To 78 P.S.I. Final Flow Period 45 Min.Final Shut-in Press. 1074 P.S.I. Final Shut-in 60 Min.Final Hydro Mud Press. 1661 P.S.I. Price Job \$380.00Temperature 114° Other ChargesMud Weight 9.9 Viscosity 40Fluid Loss 10Interval Tested 3168 To 3200 TotalTop Packer Depth 3163 Surface Choke Size -Bottom Packer Depth 3168 Bottom Choke Size 5/8Total Depth 3200 Main Hole Size 7 7/8Drill Pipe Size 4 1/2 Wt - Rubber Size 6 3/4Drill Collar I.D. 2 1/2 Ft. Run 110Blow Weak steady Blow Thru-out TestRecovery 150' Watery Mud

Remarks

P.O. Box 169

Great Bend, Kansas 67530

Lease <u>NEW FIELD</u>	Well No. <u>1</u>	Date <u>2-23-77</u>
County <u>HARVEY</u>	Sec. <u>14</u> Twp. <u>23</u> Rng. <u>2</u>	Elevation <u>1439 G.H.</u>
Company <u>SANDERS OIL CO.</u>		Test No. <u>5</u>
Contractor <u>TRIANGLE DRILLING</u>		Zone Tested <u>SIMPSON</u>
Charge To <u>SANDERS OIL CO.</u>		Time Tool Opened <u>8:55</u> A.M. P.M.
Approved By <u>L.E. Carter</u>		Tester <u>Blake</u>

Initial Hydro Mud Press. 1724 P.S.I.Initial Flow Press. 13 To 13 P.S.I. Initial Flow Period 15 Min.Initial Shut-in Press. 20 P.S.I. Initial Shut-in 15 Min.Final Flow Press. 13 To 13 P.S.I. Final Flow Period 15 Min.Final Shut-in Press. 20 P.S.I. Final Shut-in 15 Min.Final Hydro Mud Press. 1713 P.S.I. Price Job \$380.00Temperature 115° Other ChargesMud Weight 98 Viscosity 42Fluid Loss 10Interval Tested 3329 To 3335 Total

Top Packer Depth _____ Surface Choke Size _____

Bottom Packer Depth 3329 Bottom Choke Size 5/8Total Depth 3335 Main Hole Size 7/8Drill Pipe Size 4 1/2 Wt _____ Rubber Size 6 3/4Drill Collar I.D. 2 1/2 Ft. Run 164Blow VERY WEAK FOR 10 MIN ON L.F.P.NO BLOW ON F.F.P.Recovery 5' mudRemarks Flush Tool ON F.F.P.

P.O. Box 169

Great Bend, Kansas 67530

Lease	NEW FELD	Well No.	1	Date	2-24-77
County	HARVEY	Sec.	14	Twp.	23
				Rng.	2
Company	SANDERS OIL CO.			Test No.	6
Contractor	TRIANGLE DRILLING			Zone Tested	SIMPSON
Charge To	SANDERS OIL CO.			Time Tool Opened	10:00 A.M. P.M.
Approved By	L. E. C. TO			Tester	BLAKE

Initial Hydro Mud Press. 1731 P.S.I.

Initial Flow Press. 17 To 22 P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 1019 P.S.I. Initial Shut-in 45 Min.

Final Flow Press. 31 To 36 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 964 P.S.I. Final Shut-in 45 Min.

Final Hydro Mud Press. 1720 P.S.I. Price Job 350.00

Temperature 115° Other Charges

Mud Weight 9.5 Viscosity 42

Fluid Loss 10

Interval Tested 3329 To 3350 Total

Top Packer Depth — Surface Choke Size —

Bottom Packer Depth 3329 Bottom Choke Size 5/8

Total Depth 3350 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 Wt — Rubber Size 6 3/4

Drill Collar I.D. 2 1/2 Ft. Run 164

Blow

WORK INTERMISSION THRO-OUT L.F.P.

NO BLOW ON F.F.P.

Recovery

15' Mud WITH FEW SPECKS OF OIL

Remarks