

Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Pekarek	Well No.	7	Date	6/1/81
County	Ellsworth	Sec.	20	Twp.	14
		Rng.	10w	Elevation	1683 GL
Company	L. G. Stephenson & Co. Inc.			Test No.	1
Contractor	Red Tiger #3			Zone Tested	
Charge To	L. G. Stephenson & Co. Inc.			Ticket #	4155Tx
Approved By	Kyle Stephenson			Tester	Randy Lackey

Initial Hydro Mud Press. 1128 P.S.I.

Initial Flow Press. 431 To 785 P.S.I. Initial Flow Period 60 Min.

Initial Shut-in Press. 893 P.S.I. Initial Shut-in 45 Min.

Final Flow Press. 807 To 871 P.S.I. Final Flow Period 60 Min.

Final Shut-in Press. 871 P.S.I. Final Shut-in 45 Min.

Final Hydro Mud Press. 1107 P.S.I. TIME TOOL OPEN 3:30 AM

Temperature 88 Deg.

Mud Weight 9.4 Viscosity 36

Fluid Loss 21.2

Interval Tested 2087 To 2143

Top Packer Depth 2082 Surface Choke Size

Bottom Packer Depth 2087 Bottom Choke Size 7/8

Total Depth 2143 Main Hole Size 7 7/8

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

Drill Collar I.D. Ft. Run

Blow 1st: Building to strong 1 min. into I.F.P. 2nd: Building to strong 1 min. into F. F. P. 40 min. into F. F. P. Blow started slowly decreasing.

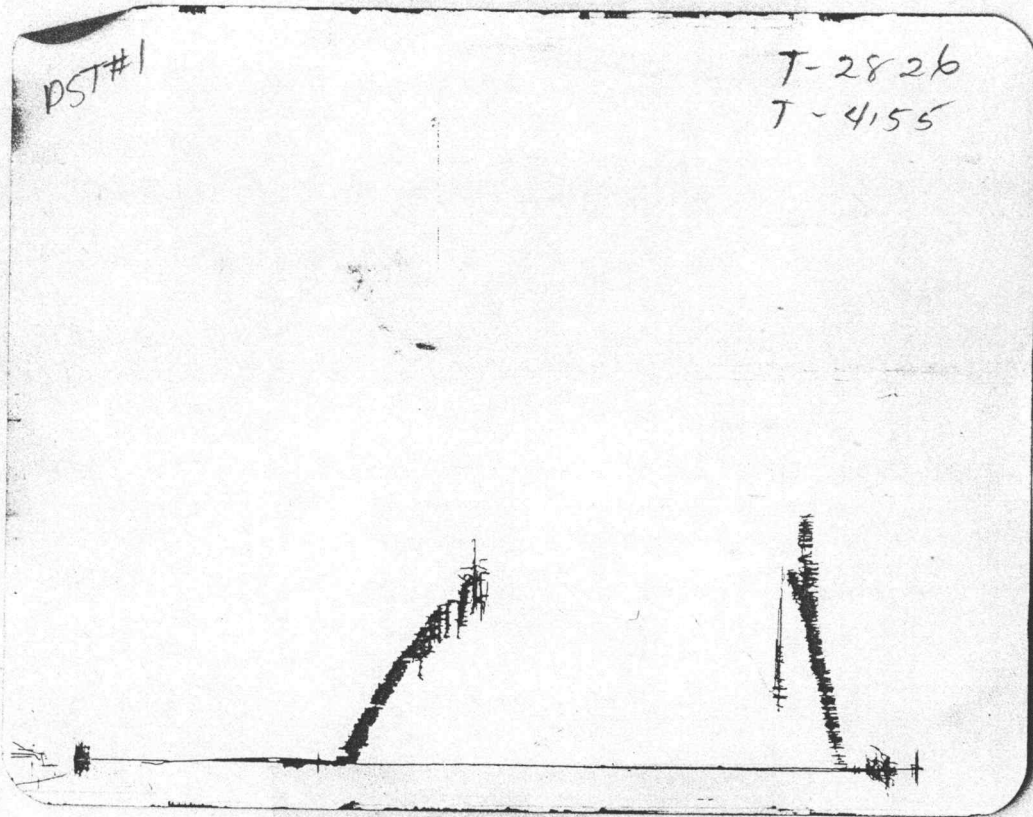
Recovery

1300' gassy muddy water few specks oil, 120' 25% oil 40% water 35% mud

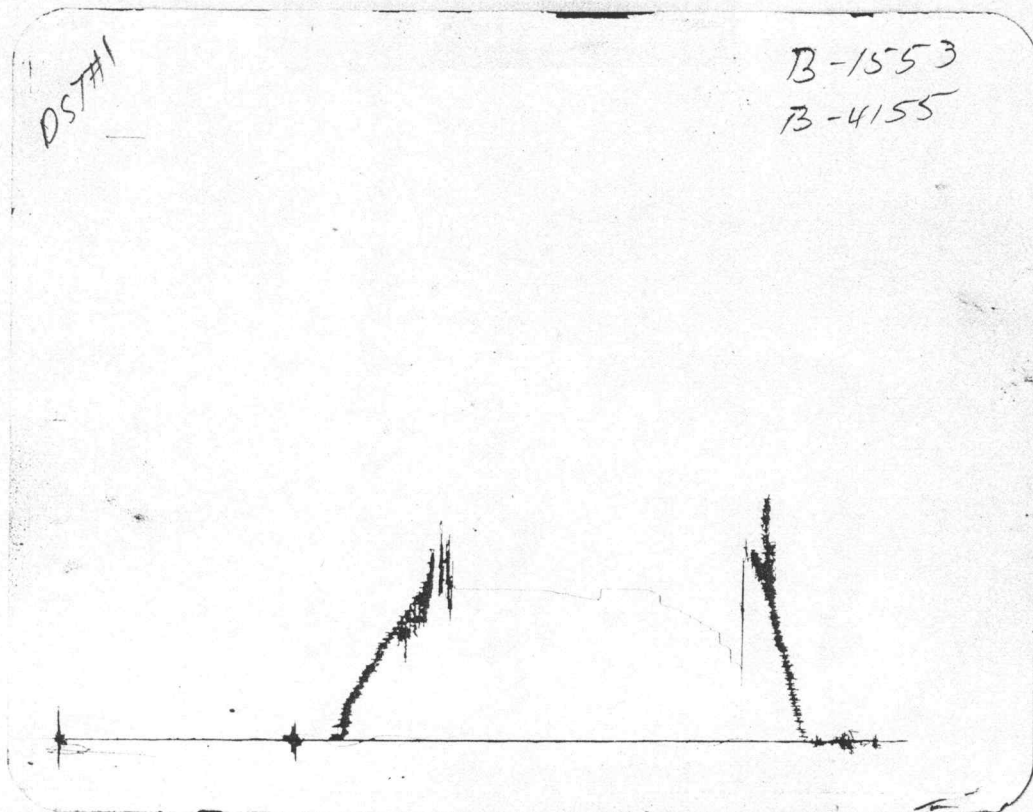
240' 44% oil 30% water 26% mud, 240' 50% oil 20% water 30% mud.

1920' Total fluid recovery. Slid 12' to bottom

TOP



BOTTOM



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County	Ellsworth	Sec.	20	Twp.	14
		Rng.	10w	Elevation	1683 GL
Company	L. G. Stephenson & Co. Inc.			Test No.	2
Contractor	Red Tiger #3			Zone Tested	
Charge To	L. G. Stephenson & Co. Inc.			Ticket #	4156Tx
Approved By	Kyle Stephenson			Tester	Randy Lackey

Initial Hydro Mud Press. 1224 P.S.I. Ronnie Mitchell

Initial Flow Press. 32 To 32 P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 624 P.S.I. Initial Shut-in 30 Min.

Final Flow Press. 43 To 43 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 582 P.S.I. Final Shut-in 30 Min.

Final Hydro Mud Press. 1203 P.S.I. TIME TOOL OPEN 5:45 PM

Temperature 89 Deg.

Mud Weight 9.8 Viscosity 42

Fluid Loss 10.8

Interval Tested 2168 To 2215

Top Packer Depth 2163 Surface Choke Size

Bottom Packer Depth 2168 Bottom Choke Size 7/8

Total Depth 2215 Main Hole Size 7 7/8

Drill Pipe Size 4 1/2 XH Wt --- Rubber Size 6 3/4

Drill Collar I.D. --- Ft. Run ---

Blow 1st: weak through out IFF 2nd : Dead through out FFP

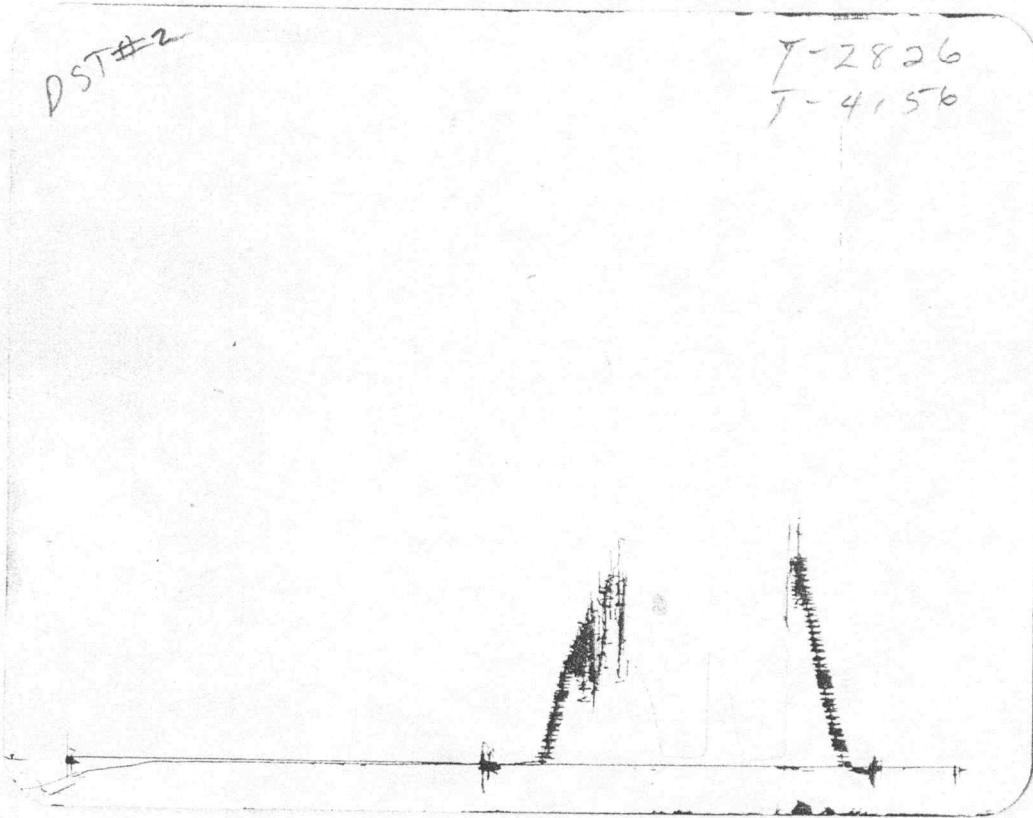
Recovery 75' mud few specks of oil

Slid 6' to bottom

TOP

DST#2

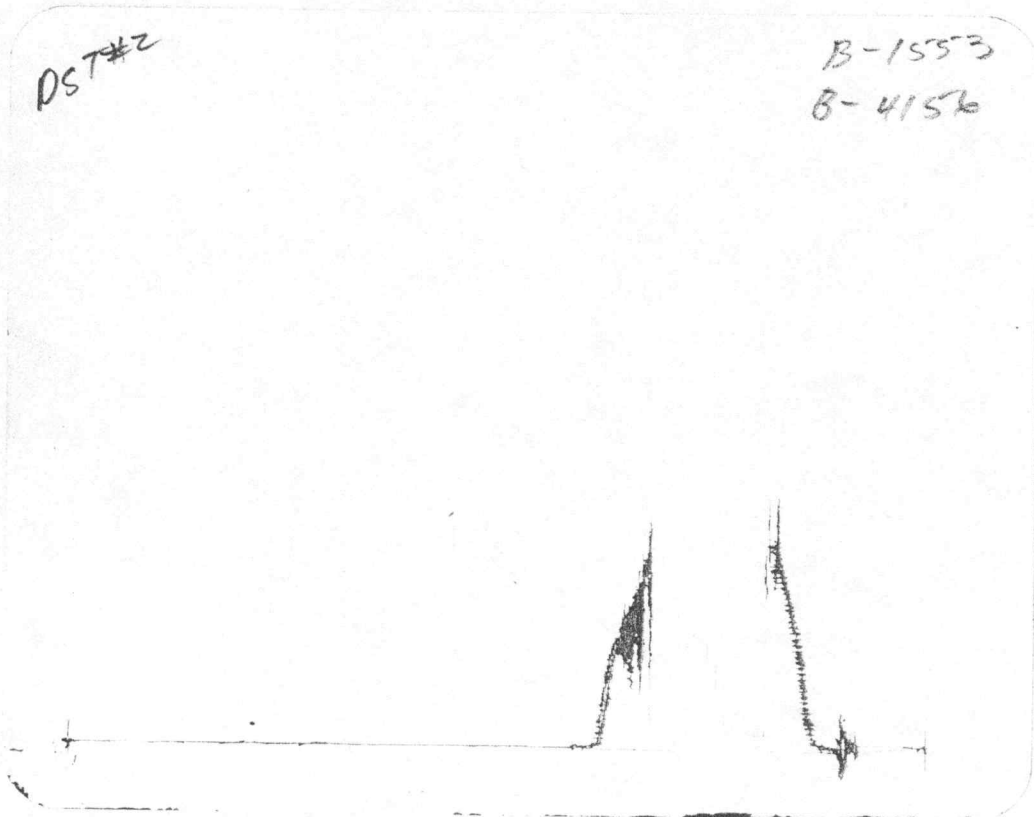
T-2826
T-4156



BOTTOM

DST#2

B-1553
B-4156



Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease Pakarek	Well No. 7	Date 6/2/81
County Ellsworth Sec. 20 Twp. 14 Rng. 10w		Elevation 1683 GL
Company L. G. Stephenson & Co. Inc.		Test No. 3
Contractor Red Tiger #3		Zone Tested
Charge To L. G. Stephenson & Co. Inc.		Ticket # 4157Tx
Approved By Kyle Stephenson		Tester Randy Lackey

Initial Hydro Mud Press. ----- P.S.I. Ronnie Mitchell

Initial Flow Press. ----- To ----- P.S.I. Initial Flow Period ----- Min.

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

Final Flow Press. ----- To ----- P.S.I. Final Flow Period ----- Min.

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

Final Hydro Mud Press. ----- P.S.I. TIME TOOL OPEN -----

Temperature -----

Mud Weight 9.3 Viscosity 45

Fluid Loss 10.8

Interval Tested 2374 To 2410

Top Packer Depth 2369 Surface Choke Size -----

Bottom Packer Depth 2374 Bottom Choke Size 7/8

Total Depth 2410 Main Hole Size 7 7/8

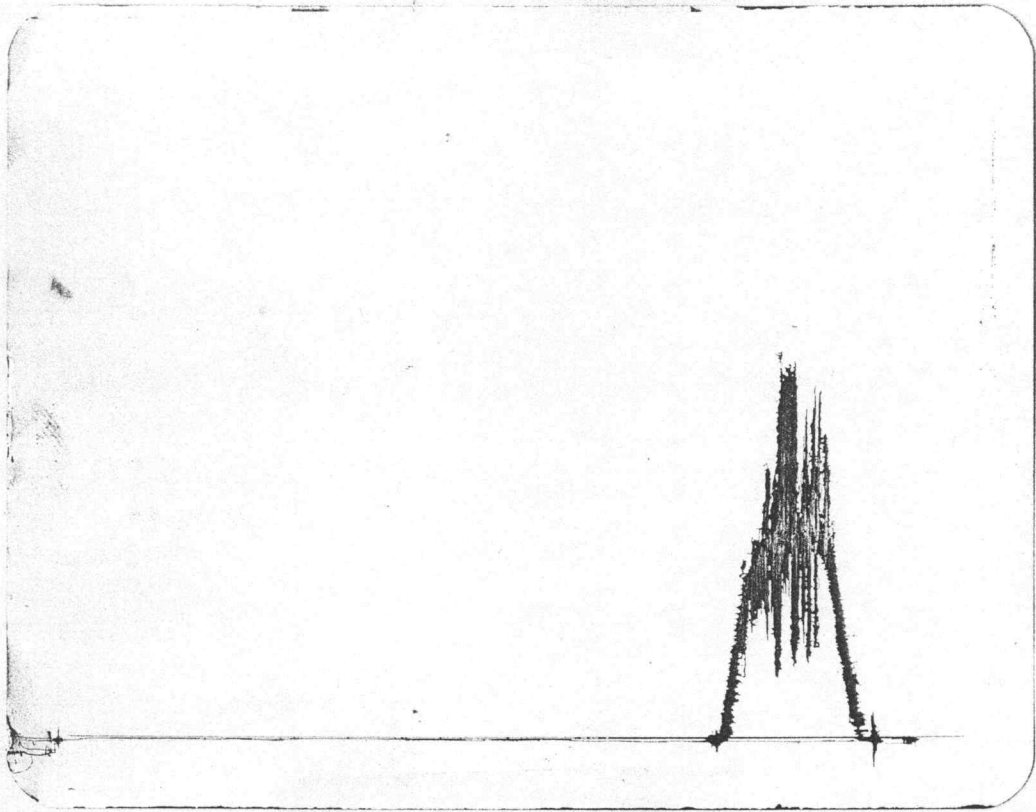
Drill Pipe Size 4 1/2 XH Wt ----- Rubber Size 6 3/4

Drill Collar I.D. ----- Ft. Run -----

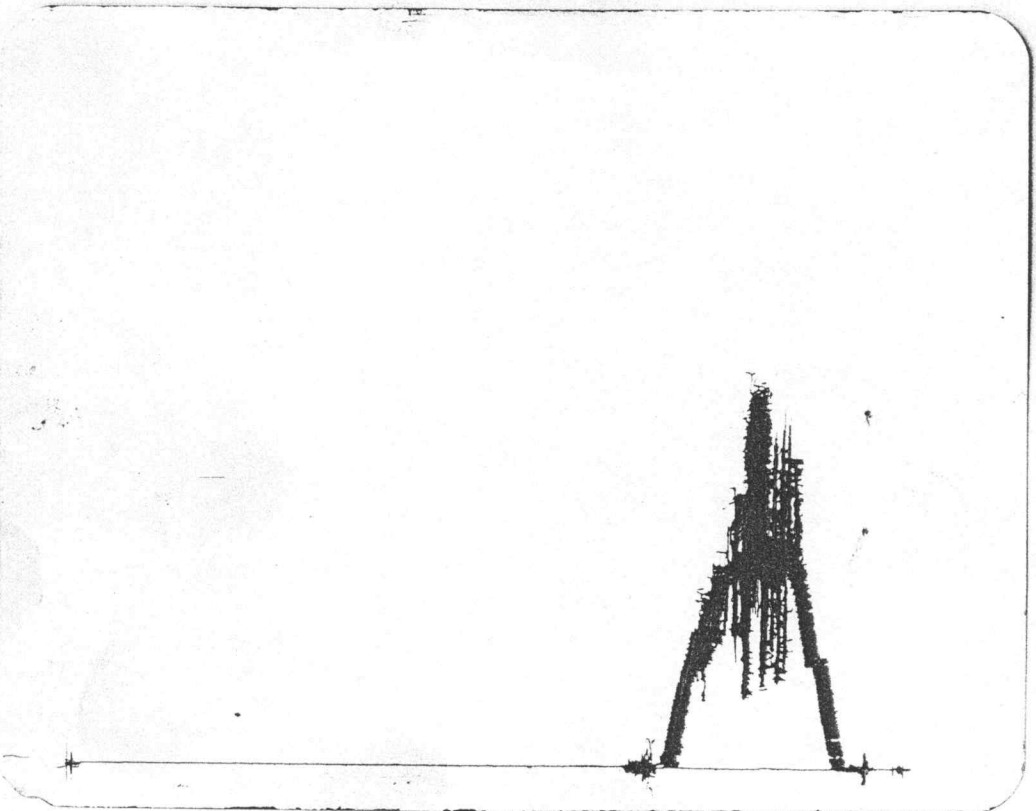
Blow ----- Mis run unable to get to bottom -----

Recovery -----

TOP



BOTTOM



Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Pakarek	Well No.	7	Date	6/3/81
County	Ellsworth	Sec.	20	Twp.	14
		Rng.	10w	Elevation	1684 GL
Company	L. G. Stephenson Co. Inc.			Test No.	4
Contractor	Red Tiger Drilling #3			Zone Tested	
Charge To	L. G. Stephenson Co. Inc.			Ticket #	4158Tx
Approved By	Kyle Stephenson			Tester	Randy Lackey

Initial Hydro Mud Press.1342... P.S.I. Ronnie Mitchell

Initial Flow Press. 22..... To 22..... P.S.I. Initial Flow Period30..... Min.

Initial Shut-in Press.86..... P.S.I. Initial Shut-in30..... Min.

Final Flow Press. ...32... To ...32... P.S.I. Final Flow Period30..... Min.

Final Shut-in Press.75..... P.S.I. Final Shut-in30..... Min.

Final Hydro Mud Press.1310... P.S.I. TIME TOOL OPEN3:00 AM.....

Temperature93 Deg.....

Mud Weight9.8..... Viscosity50.....

Fluid Loss17.2.....

Interval Tested2440..... To2481.....

Top Packer Depth2435..... Surface Choke Size

Bottom Packer Depth2440..... Bottom Choke Size7/8.....

Total Depth2481..... Main Hole Size7 7/8.....

Drill Pipe Size4 1/2 XH..... Wt--..... Rubber Size6 3/4.....

Drill Collar I.D.--... Ft. Run--.....

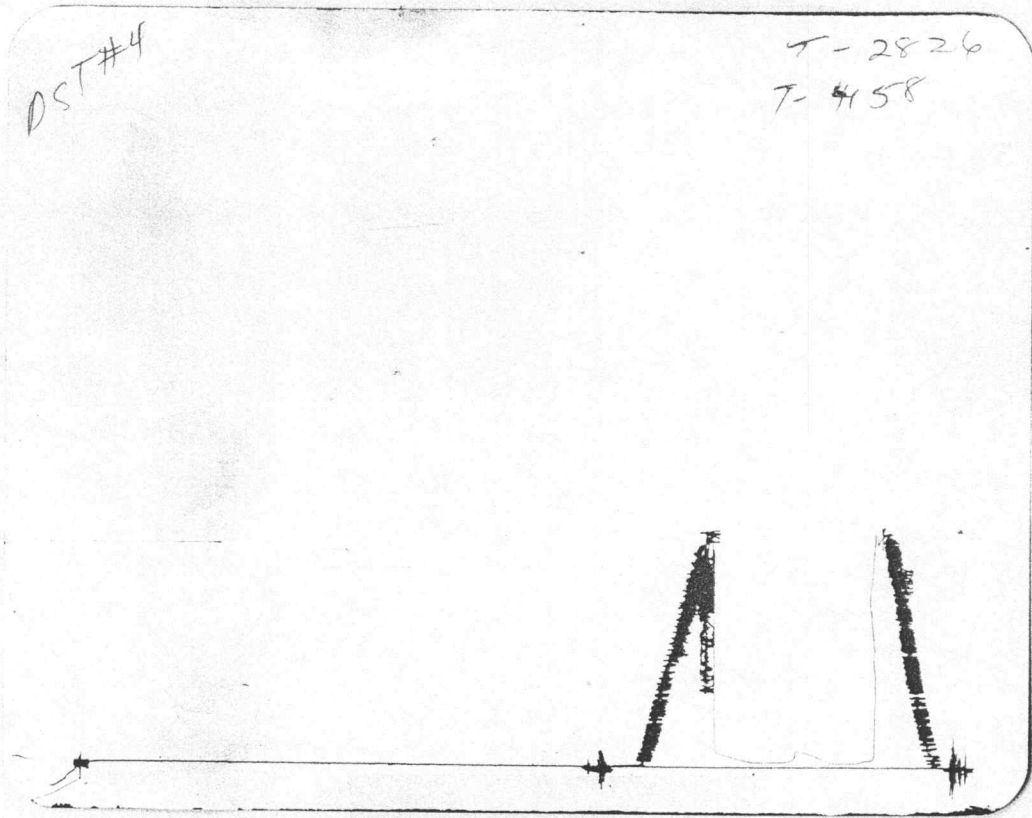
Blow 1st: very weak through out IFP. 2nd: very weak through out FFP.

Recovery30' mud - few specks of oil.....

TOP

DST#4

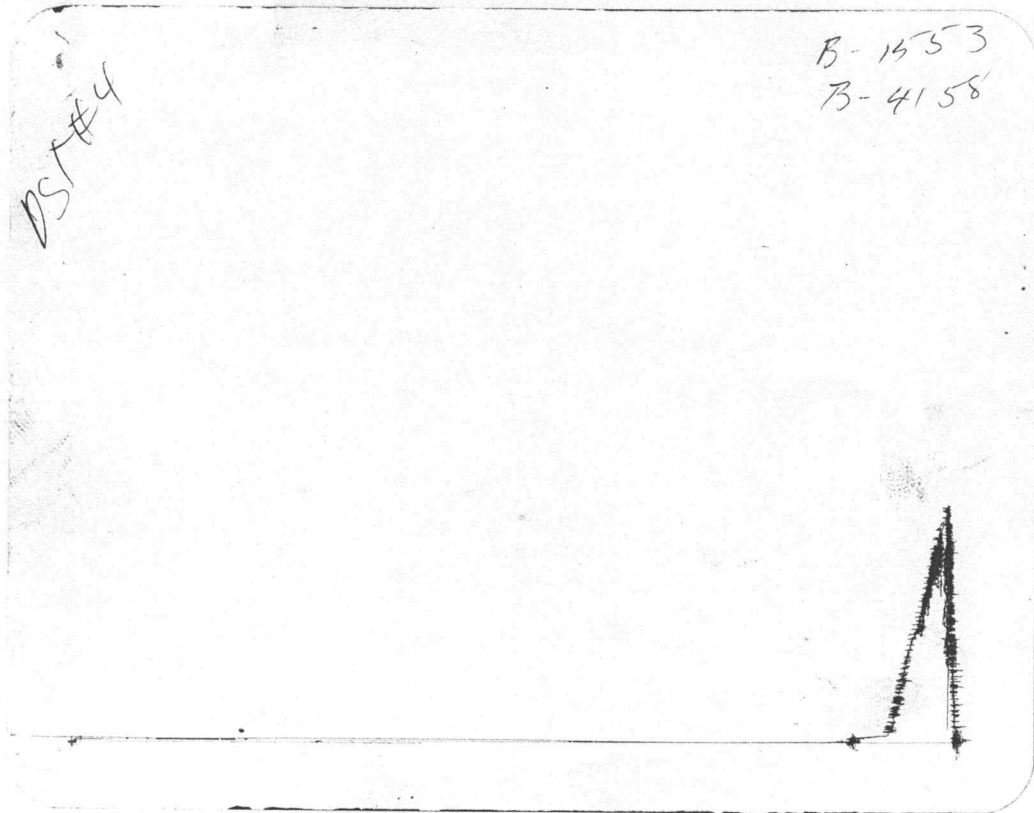
T-2826
T-4158



BOTTOM

DST#4

B-1453
B-4158



Sun Oil Well Cementing, Inc.

DRILL STEM TEST DATA

P.O. Box 169

Great Bend, Kansas 67530

Lease	Pakarek	Well No.	7	Date	6/4/81
County	Ellsworth	Sec.	20	Twp.	14
		Rng.	10w	Elevation	1683 GL
Company	L. G. Stephenson & Co. Inc.			Test No.	5
Contractor	Red Tiger #3			Zone Tested	Lansing
Charge To	L. G. Stephenson & Co. Inc.			Ticket #	4159Tx
Approved By	Kyle Stephenson			Tester	Ken McGuirk

Initial Hydro Mud Press. 1502 P.S.I. Ronnie Mitchell

Initial Flow Press. 21 To 21 P.S.I. Initial Flow Period 30 Min.

Initial Shut-in Press. 32 P.S.I. Initial Shut-in 30 Min.

Final Flow Press. 21 To 21 P.S.I. Final Flow Period 30 Min.

Final Shut-in Press. 32 P.S.I. Final Shut-in 30 Min.

Final Hydro Mud Press. 1491 P.S.I. TIME TOOL OPEN 9:00 AM

Temperature 102 deg.

Mud Weight 9.8 Viscosity 48
 Fluid Loss 14.0

Interval Tested 2826 To 2846

Top Packer Depth 2821 Surface Choke Size

Bottom Packer Depth 2826 Bottom Choke Size 7/8

Total Depth 2846 Main Hole Size 7 7/8

Drill Pipe Size 4XH Wt --- Rubber Size 6 3/4

Drill Collar I.D. --- Ft. Run ---

Blow^{1st}: open weak blow died 20 min. 2nd Open: no blow flushed tool no help.

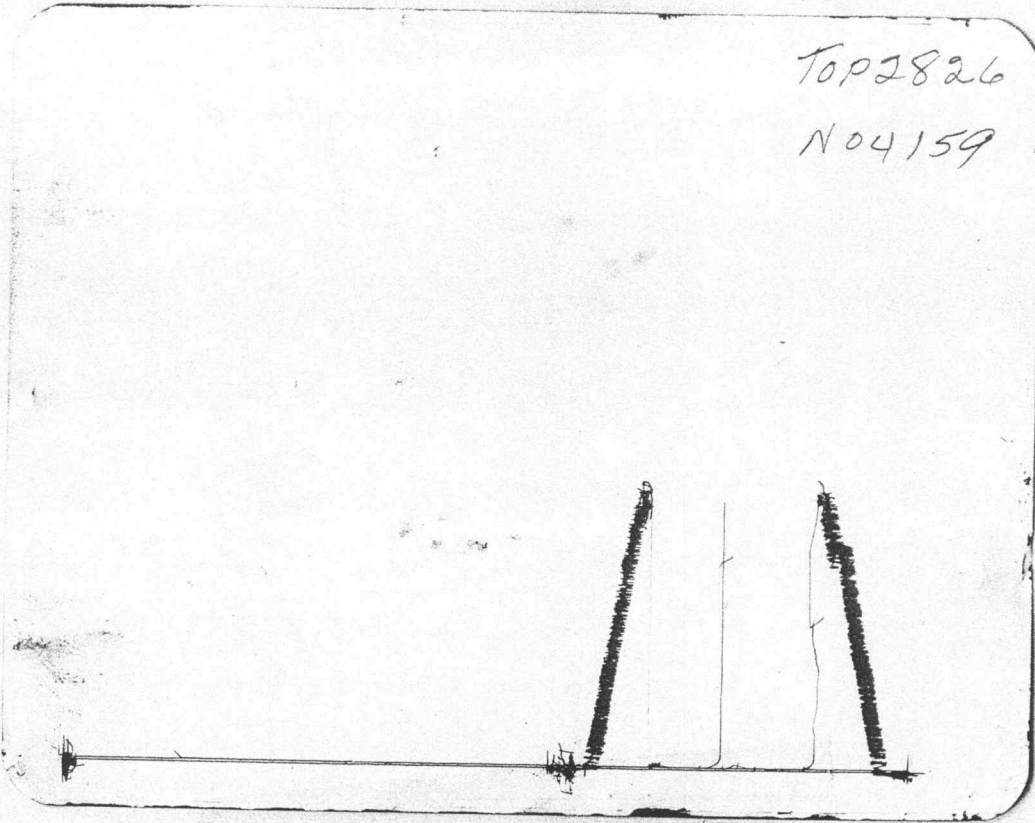
Recovery 20' slightly oil specked mud.

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TOP

TOP 2826

NO 4159



BOTTOM

BOTTOM 1553

NO 4159

