

Date 10/2/68

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6158

Company Hinkle Oil Co. Contractor Sterling Drlg. Co

Well No. 1 Lease Yeakel County Rice Sec. 31 Twp 21s Rng 8w

Test No. 1 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 F. H.

Interval Tested From 3358 To 3400 Depth of Well 3400 Size Choke 5/8

Fluid Recovered In _____ Temp. 109 Elev. 1653

Initial Hyd. 1946 P.S.I. Final Hyd. _____ P.S.I.

First Initial Flow Pressure 388 P.S.I. Opened Tool 12:15 ~~4 M.~~ P.M.

First Final Flow Pressure 397 P.S.I. First Flow Pres. 10 Min.

Initial Closed-in Pressure 882 P.S.I. Initial Closed-in Pres. 30 Min.

Second Initial Flow Pressure 373 P.S.I. Second Flow Pres. 35 Min.

Second Final Flow Pressure 373 P.S.I. Final Closed-in Pres. 30 Min.

Final Closed-in Pressure 865 P.S.I.

Blow Strong Thru-Out Test

SUN OILWELL CEMENTING, INC.

Pressure Data

Date 10-2-68 Test Ticket No. 6158
 Recorder No. 2825 Capacity 4100# Location 3361 Fr.
 Clock No. _____ Elevation _____ Well Temperature 109 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 1946 P.S.I. Opened Tool _____ M
 B First Initial Flow Pressure 388 P.S.I. First Flow Pressure 10 Mins. 9 Mins.
 C First Final Flow Pressure 397 P.S.I. Initial Closed-in Pressure 30 Mins. 30 Mins.
 D Initial Closed-in Pressure 882 P.S.I. Second Flow Pressure 35 Mins. 36 Mins.
 E Second Initial Flow Pressure 373 P.S.I. Final Closed-in Pressure 30 Mins. 30 Mins.
 F Second Final Flow Pressure 373 P.S.I.
 G Final Closed-in Pressure 865 P.S.I.
 H Final Hydrostatic Mud 1946 P.S.I.

PRESSURE BREAKDOWN

First Flow Press.		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 <u>3</u>	<u>388</u>	<u>3</u>	<u>869</u>	<u>3</u>	<u>373</u>	<u>3</u>	<u>850</u>
P 2 <u>6</u>	<u>393</u>	<u>6</u>	<u>878</u>	<u>6</u>	<u>373</u>	<u>6</u>	<u>854</u>
P 3 <u>9</u>	<u>397</u>	<u>9</u>	<u>880</u>	<u>9</u>	<u>373</u>	<u>9</u>	<u>859</u>
P 4 _____		<u>12</u>	<u>882</u>	<u>12</u>	<u>373</u>	<u>12</u>	<u>861</u>
P 5 _____		<u>15</u>	<u>882</u>	<u>15</u>	<u>373</u>	<u>15</u>	<u>863</u>
P 6 _____		<u>18</u>	<u>882</u>	<u>18</u>	<u>373</u>	<u>18</u>	<u>865</u>
P 7 _____		<u>21</u>	<u>882</u>	<u>21</u>	<u>373</u>	<u>21</u>	<u>865</u>
P 8 _____		<u>24</u>	<u>882</u>	<u>24</u>	<u>373</u>	<u>24</u>	<u>865</u>
P 9 _____		<u>27</u>	<u>882</u>	<u>27</u>	<u>373</u>	<u>27</u>	<u>865</u>
P 10 _____		<u>30</u>	<u>882</u>	<u>30</u>	<u>373</u>	<u>30</u>	<u>865</u>
P 11 _____				<u>33</u>	<u>373</u>		
P 12 _____				<u>36</u>	<u>373</u>		
P 13 _____							
P 14 _____							
P 15 _____							
P 16 _____							
P 17 _____							
P 18 _____							
P 19 _____							
P 20 _____							

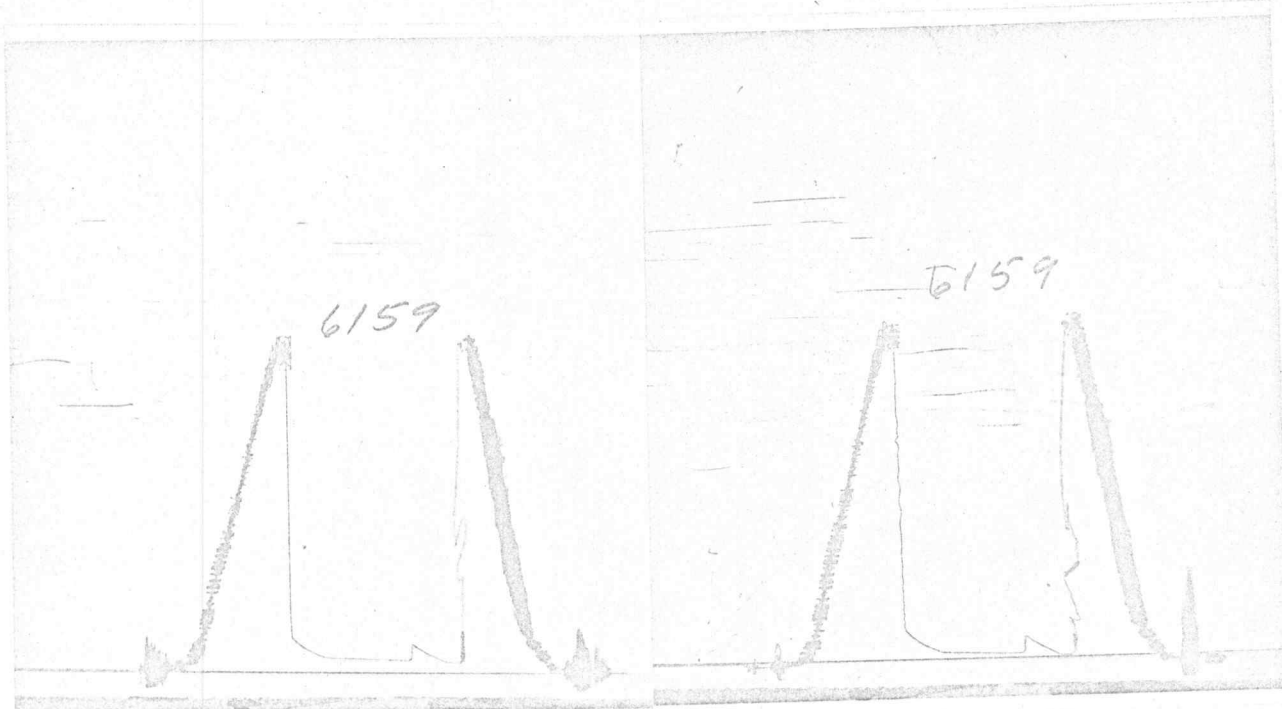


OIL WELL CEMENTING INC.

Date 10-3-68

DRILL STEM TEST RECOVERY REPORT

Ticket No. 6159



Company Hinkle Oil Co. Contractor Sterling Drlg Co.
Well No. 1 Lease Yeakel County Rice Sec. 31 Twp 21 Rng 8
Test No. 2 Size Hole 7 7/8 Packer Size 6 3/4 Drill Pipe Size 4 1/2 fh
Interval Tested From 3400 To 3420 Depth of Well 3420 Size Choke 5/8
Fluid Recovered In _____ Temp. 110 Elev. 1658 G1
Initial Hyd. 1946 P.S.I. Final Hyd. 1946 P.S.I.
First Initial Flow Pressure 10 P.S.I. Opened Tool 2:47 A.M. P.M. ###
First Final Flow Pressure 10 P.S.I. First Flow Pres. 10 Min.
Initial Closed-in Pressure 125 P.S.I. Initial Closed-in Pres. 30 Min.
Second Initial Flow Pressure 25 P.S.I. Second Flow Pres. 60 Min.
Second Final Flow Pressure 29 P.S.I. Final Closed-in Pres. 30 Min.
Final Closed-in Pressure 166 P.S.I.
Blow Good Thru-Out Test

SUN OILWELL CEMENTING, INC.

Pressure Data

Date 10-3-68 Test Ticket No. 6159
 Recorder No. 2825 Capacity 4100# Location 3403 Fr.
 Clock No. _____ Elevation _____ Well Temperature 110 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 1946 P.S.I. Opened Tool _____ M
 B First Initial Flow Pressure 10 P.S.I. First Flow Pressure 10 Mins. 9 Mins.
 C First Final Flow Pressure 10 P.S.I. Initial Closed-in Pressure 30 Mins. 30 Mins.
 D Initial Closed-in Pressure 125 P.S.I. Second Flow Pressure 60 Mins. 63 Mins.
 E Second Initial Flow Pressure 25 P.S.I. Final Closed-in Pressure 30 Mins. 30 Mins.
 F Second Final Flow Pressure 36 P.S.I.
 G Final Closed-in Pressure 166 P.S.I.
 H Final Hydrostatic Mud 1946 P.S.I.

PRESSURE BREAKDOWN

First Flow Press.		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 <u>3</u>	<u>10</u>	<u>3</u>	<u>17</u>	<u>3</u>	<u>25</u>	<u>3</u>	<u>40</u>
P 2 <u>6</u>	<u>10</u>	<u>6</u>	<u>25</u>	<u>6</u>	<u>25</u>	<u>6</u>	<u>48</u>
P 3 <u>9</u>	<u>10</u>	<u>9</u>	<u>34</u>	<u>9</u>	<u>25</u>	<u>9</u>	<u>55</u>
P 4 _____	_____	<u>12</u>	<u>48</u>	<u>12</u>	<u>25</u>	<u>12</u>	<u>63</u>
P 5 _____	_____	<u>15</u>	<u>57</u>	<u>15</u>	<u>25</u>	<u>15</u>	<u>74</u>
P 6 _____	_____	<u>18</u>	<u>70</u>	<u>18</u>	<u>27</u>	<u>18</u>	<u>85</u>
P 7 _____	_____	<u>21</u>	<u>83</u>	<u>21</u>	<u>27</u>	<u>21</u>	<u>97</u>
P 8 _____	_____	<u>24</u>	<u>93</u>	<u>24</u>	<u>27</u>	<u>24</u>	<u>110</u>
P 9 _____	_____	<u>27</u>	<u>108</u>	<u>27</u>	<u>27</u>	<u>27</u>	<u>127</u>
P10 _____	_____	<u>30</u>	<u>125</u>	<u>30</u>	<u>29</u>	<u>30</u>	<u>166</u>
P11 _____	_____	_____	_____	<u>33</u>	<u>29</u>	_____	_____
P12 _____	_____	_____	_____	<u>36</u>	<u>29</u>	_____	_____
P13 _____	_____	_____	_____	<u>39</u>	<u>29</u>	_____	_____
P14 _____	_____	_____	_____	<u>42</u>	<u>29</u>	_____	_____
P15 _____	_____	_____	_____	<u>45</u>	<u>31</u>	_____	_____
P16 _____	_____	_____	_____	<u>48</u>	<u>34</u>	_____	_____
P17 _____	_____	_____	_____	<u>51</u>	<u>35</u>	_____	_____
P18 _____	_____	_____	_____	<u>54</u>	<u>36</u>	_____	_____
P19 _____	_____	_____	_____	<u>57</u>	<u>36</u>	_____	_____
P20 _____	_____	_____	_____	<u>60</u>	<u>36</u>	_____	_____
				<u>63</u>	<u>36</u>		