

Company TXO Production Corp. Lease & Well No. Stone "C" #1

Elevation ---- Formation Douglas Effective Pay ---- Ft. Ticket No. 15939

Date 4/11/82 Sec. 3 Twp. 32S Range 11W County Barber State Kansas

Test Approved by S. Veath Western Representative Karl L. West, Jr.

Formation Test No. 1 Interval Tested from 3664 ft. to 3715 ft. Total Depth 3715 ft.

Packer Depth 3659 ft. Size 6 3/4 in. Packer Depth ---- ft. Size ---- in.

Packer Depth 3664 ft. Size 6 3/4 in. Packer Depth --- ft. Size --- in.

Depth of Selective Zone Set ----

Top Recorder Depth (Inside) 3670 ft. Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 3673 ft. Recorder Number 15640 Cap. 6600

Below Straddle Recorder Depth ---- ft. Recorder Number ---- Cap. ---

Drilling Contractor FWA #32 Drill Collar Length 439 I. D. 2.26 in.

Mud Type Chem.-Polypac Viscosity 43 Weight Pipe Length --- I. D. --- in.

Weight 9.2 Water Loss 25.2 cc. Drill Pipe Length 3257 I. D. --- in.

Chlorides 18,000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.

Jars: Make WIC Serial Number 409 Anchor Length 31DC+20perf=651 ft. Size 5 1/2 OD in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 FH in.

Blow: Very weak (1/4" under water) dead in 21 minutes on the initial flow period, Final flow period, no blow, flushed tool, very weak (surface of water) dead in nine minutes.

Recovered 70 ft. of Heavy mud with a slight rainbow .

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks slid 8'. Flushed tool on final flow period.

Time Set Packer(s) 2:45 ~~PM~~ ^{A.M.} Time Started Off Bottom 5:45 ~~PM~~ ^{A.M.} Maximum Temperature 117°

Initial Hydrostatic Pressure (A) 1762 P.S.I.

Initial Flow Period Minutes 30 (B) 55 P.S.I. to (C) 74 P.S.I.

Initial Closed In Period Minutes 54 (D) 342 P.S.I.

Final Flow Period Minutes 30 (E) 95 P.S.I. to (F) 68 P.S.I.

Final Closed In Period Minutes 57 (G) 146 P.S.I.

Final Hydrostatic Pressure (H) 1762 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 4-11-82 Test Ticket No. 15939
 Recorder No. 5673 Capacity 5400 Location 3670 Ft.
 Clock No. --- Elevation --- Well Temperature 117 °F

Point	Pressure		Time	
			Given	Computed
A. Initial Hydrostatic Mud	<u>1762</u>	P.S.I.	<u>2:45</u>	<u>A M</u>
B. First Initial Flow Pressure	<u>55</u>	P.S.I.	<u>30</u>	<u>Mins. 30 Mins.</u>
C. First Final Flow Pressure	<u>74</u>	P.S.I.	<u>60</u>	<u>Mins. 54 Mins.</u>
D. Initial Closed-in Pressure	<u>342</u>	P.S.I.	<u>30</u>	<u>Mins. 30 Mins.</u>
E. Second Initial Flow Pressure	<u>95</u>	P.S.I.	<u>60</u>	<u>Mins. 57 Mins.</u>
F. Second Final Flow Pressure	<u>68</u>	P.S.I.		
G. Final Closed-in Pressure	<u>146</u>	P.S.I.		
H. Final Hydrostatic Mud	<u>1762</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 18 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

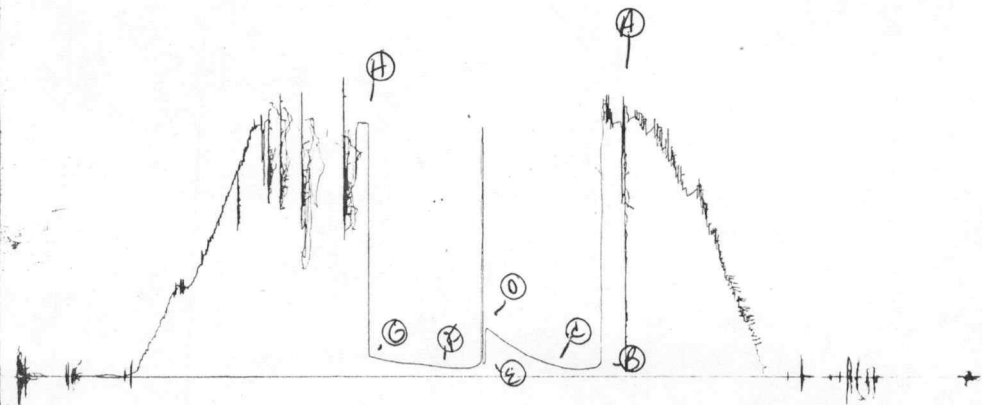
Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 19 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u>	<u>55</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>95</u>	<u>0</u>	<u>68</u>
P 2	<u>5</u>	<u>55</u>	<u>3</u>	<u>80</u>	<u>5</u>	<u>Flushed 95 Tool</u>	<u>3</u>	<u>73</u>
P 3	<u>10</u>	<u>55</u>	<u>6</u>	<u>89</u>	<u>10</u>	<u>70</u>	<u>6</u>	<u>77</u>
P 4	<u>15</u>	<u>55</u>	<u>9</u>	<u>97</u>	<u>15</u>	<u>66</u>	<u>9</u>	<u>81</u>
P 5	<u>20</u>	<u>57</u>	<u>12</u>	<u>106</u>	<u>20</u>	<u>65</u>	<u>12</u>	<u>85</u>
P 6	<u>25</u>	<u>63</u>	<u>15</u>	<u>116</u>	<u>25</u>	<u>66</u>	<u>15</u>	<u>88</u>
P 7	<u>30</u>	<u>74</u>	<u>18</u>	<u>127</u>	<u>30</u>	<u>68</u>	<u>18</u>	<u>92</u>
P 8			<u>21</u>	<u>141</u>			<u>21</u>	<u>93</u>
P 9			<u>24</u>	<u>150</u>			<u>24</u>	<u>96</u>
P10			<u>27</u>	<u>168</u>			<u>27</u>	<u>97</u>
P11			<u>30</u>	<u>186</u>			<u>30</u>	<u>98</u>
P12			<u>33</u>	<u>202</u>			<u>33</u>	<u>103</u>
P13			<u>36</u>	<u>218</u>			<u>36</u>	<u>107</u>
P14			<u>39</u>	<u>237</u>			<u>39</u>	<u>112</u>
P15			<u>42</u>	<u>257</u>			<u>42</u>	<u>117</u>
P16			<u>45</u>	<u>276</u>			<u>45</u>	<u>123</u>
P17			<u>48</u>	<u>300</u>			<u>48</u>	<u>131</u>
P18			<u>51</u>	<u>322</u>			<u>51</u>	<u>138</u>
P19			<u>54</u>	<u>342</u>			<u>54</u>	<u>145</u>
P20			<u>57</u>				<u>57</u>	<u>146</u>

JK # 15939

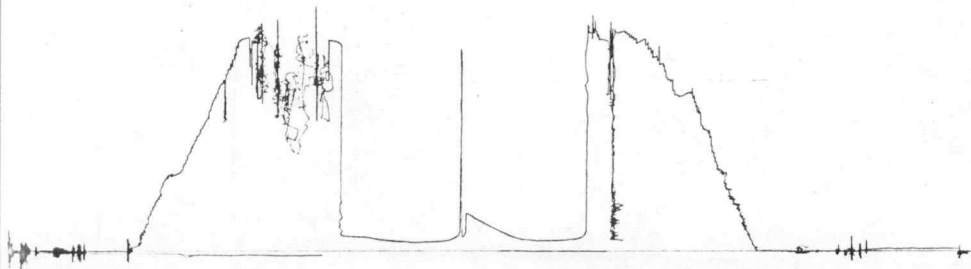
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5673

15939

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Company TXO Production Corp. Lease & Well No. Stone "C" #1
 Elevation 1551 Ground Level Formation Lansing Effective Pay - Ft. Ticket No. 15940
 Date 4/13/82 Sec. 3 Twp. 32S Range 11W County Barber State Kansas
 Test Approved by Rex A. Graves Western Representative Karl L West, Jr.

Formation Test No. 2 Interval Tested from 3768 ft. to 3782 ft. Total Depth 3941 ft.
 Packer Depth 3763 ft. Size 6 3/4 in. Packer Depth 3782 ft. Size 6 3/4 in.
 Packer Depth 3768 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3774 ft. Recorder Number 5673 Cap. 5400
 Bottom Recorder Depth (Outside) 3777 ft. Recorder Number 15640 Cap. 6600
 Below Straddle Recorder Depth 3940 ft. Recorder Number WTC Cap. -

Drilling Contractor FWA Rig #32 Drill Collar Length 251 I. D. 2.26 in.
 Mud Type Chemical Polypac Viscosity 38 Weight Pipe Length - I. D. - in.
 Weight 9.0 Water Loss 15.8 cc. Drill Pipe Length 3663 I. D. - in.
 Chlorides 16,000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 409 Anchor Length 14 ft. Size 5 1/2 OD in.
 Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 FH in.

Blow: Initial flow period gas to surface in 12 minutes. See attached sheet for gas measurements.

Recovered 210 ft. of gas cut oil - 10% gas; 87% oil; 3% mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s)	<u>5:25</u>	<u>A.M.</u> P.M.	Time Started Off Bottom	<u>9:25</u>	<u>A.M.</u> P.M.	Maximum Temperature	<u>118</u>
Initial Hydrostatic Pressure			(A)	<u>1821</u>		P.S.I.	
Initial Flow Period		Minutes	<u>40</u>	(B)	<u>68</u>	P.S.I. to (C)	<u>71</u> P.S.I.
Initial Closed In Period		Minutes	<u>60</u>	(D)	<u>1417</u>	P.S.I.	
Final Flow Period		Minutes	<u>40</u>	(E)	<u>76</u>	P.S.I. to (F)	<u>81</u> P.S.I.
Final Closed In Period		Minutes	<u>87</u>	(G)	<u>1379</u>	P.S.I.	
Final Hydrostatic Pressure			(H)	<u>1770</u>		P.S.I.	

GAS FLOW REPORT

Date 4/13/82 Ticket 15940 Company TXO Production Corp.
 Well Name and No. Stone "C" #1 Dst No. 2 Interval Tested 3768 - 3782 T.D. 3941
 County Barber State Kansas Sec. 3 Twp. 32S Rg. 11W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
PRE FLOW						
	12 Min	15 PSIG	½" Orifice			147,000 C.F.P.D.
	15 Min	12 PSIG	½" Orifice			129,000 C.F.P.D.
	20 Min	9 PSIG	½" Orifice			108,000 C.F.P.D.
	25 Min	8 PSIG	½" Orifice			101,000 C.F.P.D.
	30 Min	7.5 PSIG	½" Orifice			97,800 C.F.P.D.
	35 Min	7 PSIG	½" Orifice			94,500 C.F.P.D.
	40 Min	8.5 PSIG	½" Orifice			105,000 C.F.P.D.
	45 Min	5 PSIG	½" Orifice			78,100 C.F.P.D.

SECOND FLOW						
	5 Min	11 PSIG	½" Orifice			121,000 C.F.P.D.
	10 Min	6.5 PSIG	½" Orifice			90,100 C.F.P.D.
	20 Min	4.5 PSIG	½" Orifice			73,600 C.F.P.D.
	30 Min	4.0 PSIG	½" Orifice			68,800 C.F.P.D.
	40 Min	4.0 PSIG	½" Orifice			68,800 C.F.P.D.
	45 Min	4.0 PSIG	½" Orifice			68,800 C.F.P.D.
						} Stable for 25 Min. @ 68,800 C.F.P.D.

GAS BOTTLE

Serial No. 110 Date Bottle Filled 4/13/82 Date to be Invoiced 4/13/82

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1% per month, equal to 12% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME TXO Production Corp.
 Authorized by Rex A. Craves

WESTERN TESTING CO., INC.

Pressure Data

Date 4/13/82

Test Ticket No. 15940

Recorder No. 5673

Capacity 5400

Location 3774 Ft.

Clock No. - Elevation 1551 Ground Level

Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1821</u> P.S.I.	Open Tool	<u>5:25A</u> M	
B First Initial Flow Pressure	<u>68</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>40</u> Mins.
C First Final Flow Pressure	<u>71</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1417</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>40</u> Mins.
E Second Initial Flow Pressure	<u>76</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>81</u> P.S.I.			
G Final Closed-in Pressure	<u>1379</u> P.S.I.			
H Final Hydrostatic Mud	<u>1770</u> P.S.I.			

*Pressures questionable due to tool being picked up too high.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>8</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>8</u> Inc.		Breakdown: <u>29</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u> <u>68</u>	<u>0</u> <u>71</u>	<u>0</u> <u>76</u>	<u>0</u> <u>81</u>			
P 2	<u>5</u> <u>68</u>	<u>3</u> <u>1350*</u>	<u>5</u> <u>76</u>	<u>3</u> <u>560</u>			
P 3	<u>10</u> <u>68</u>	<u>6</u> <u>1228*</u>	<u>10</u> <u>76</u>	<u>6</u> <u>809</u>			
P 4	<u>15</u> <u>68</u>	<u>9</u> <u>1203</u>	<u>15</u> <u>76</u>	<u>9</u> <u>956</u>			
P 5	<u>20</u> <u>68</u>	<u>12</u> <u>1260</u>	<u>20</u> <u>76</u>	<u>12</u> <u>1070</u>			
P 6	<u>25</u> <u>68</u>	<u>15</u> <u>1309</u>	<u>25</u> <u>77</u>	<u>15</u> <u>1152</u>			
P 7	<u>30</u> <u>68</u>	<u>18</u> <u>1339</u>	<u>30</u> <u>78</u>	<u>18</u> <u>1209</u>			
P 8	<u>35</u> <u>69</u>	<u>21</u> <u>1358</u>	<u>35</u> <u>79</u>	<u>21</u> <u>1244</u>			
P 9	<u>40</u> <u>71</u>	<u>24</u> <u>1369</u>	<u>40</u> <u>81</u>	<u>24</u> <u>1274</u>			
P10		<u>27</u> <u>1377</u>		<u>27</u> <u>1294</u>			
P11		<u>30</u> <u>1384</u>		<u>30</u> <u>1309</u>			
P12		<u>33</u> <u>1393</u>		<u>33</u> <u>1321</u>			
P13		<u>36</u> <u>1396</u>		<u>36</u> <u>1331</u>			
P14		<u>39</u> <u>1398</u>		<u>39</u> <u>1336</u>			
P15		<u>42</u> <u>1400</u>		<u>42</u> <u>1340</u>			
P16		<u>45</u> <u>1403</u>		<u>45</u> <u>1347</u>			
P17		<u>48</u> <u>1406</u>		<u>48</u> <u>1350</u>			
P18		<u>51</u> <u>1409</u>		<u>51</u> <u>1352</u>			
P19		<u>54</u> <u>1412</u>		<u>54</u> <u>1358</u>			
P20		<u>57</u> <u>1415</u>		<u>57</u> <u>1365</u>			
		<u>60</u> <u>1417</u>		<u>60</u> <u>1368</u>			

WESTERN TESTING CO., INC.
Pressure Data

Date 4/13/82 Test Ticket No. 15940
 Recorder No. 5673 Capacity 5400 Location 3774 Ft.
 Clock No. - Elevation 1551 Ground Level Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1821</u> P.S.I.	Open Tool	<u>5:25A</u> M	
B First Initial Flow Pressure	<u>68</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>40</u> Mins.
C First Final Flow Pressure	<u>71</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1417</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>40</u> Mins.
E Second Initial Flow Pressure	<u>76</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>87</u> Mins.
F Second Final Flow Pressure	<u>81</u> P.S.I.			
G Final Closed-in Pressure	<u>1379</u> P.S.I.			
H Final Hydrostatic Mud	<u>1770</u> P.S.I.			

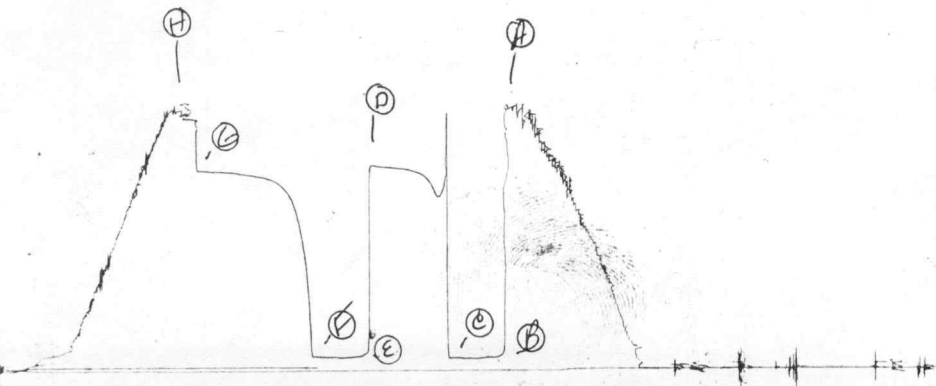
*Pressures questionable due to tool being picked up too high.

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
	final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P 1						<u>63</u>	<u>1370</u>	
P 2						<u>66</u>	<u>1371</u>	
P 3						<u>69</u>	<u>1372</u>	
P 4						<u>72</u>	<u>1373</u>	
P 5						<u>75</u>	<u>1374</u>	
P 6						<u>78</u>	<u>1375</u>	
P 7						<u>81</u>	<u>1376</u>	
P 8						<u>84</u>	<u>1377</u>	
P 9						<u>87</u>	<u>1379</u>	
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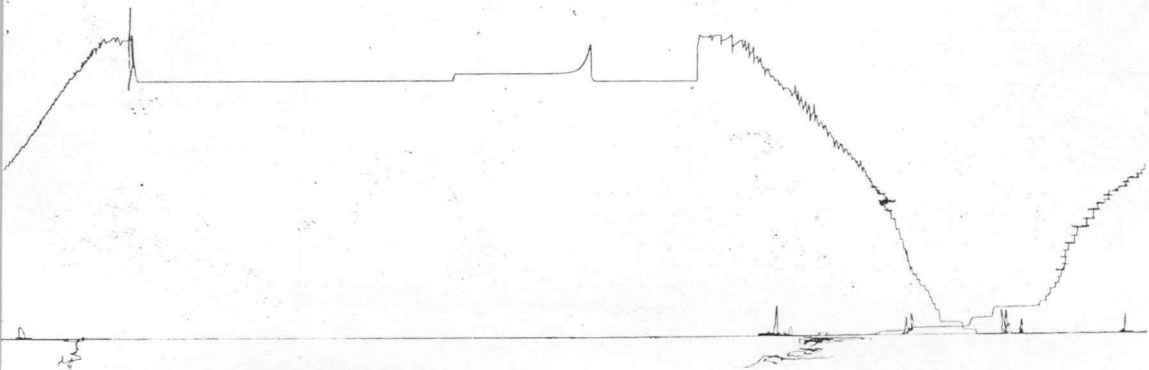
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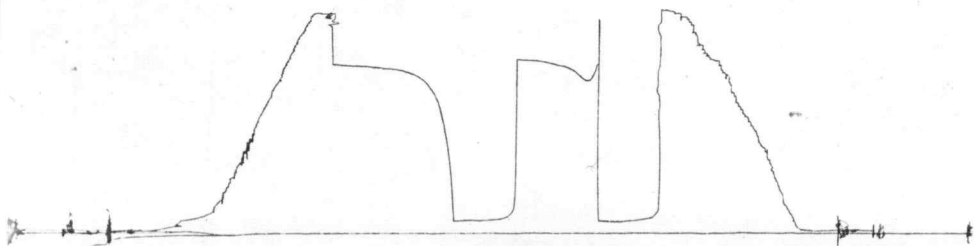
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PR # 15940
Below Straddle!



JA # 15940

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Company TXO Production Corp. Lease & Well No. Stone "C" #1
 Elevation 1551 Ground Level Formation Mississippi Effective Pay - Ft. Ticket No. 15849
 Date 4/15/82 Sec. 3 Twp 32S Range 11W County Barber State Kansas
 Test Approved by Rex A Craves Western Representative Rod Tritt

Formation Test No. 3 Interval Tested from 4414 ft. to 4454 ft. Total Depth 4530 ft.

Packer Depth 4409 ft. Size 6 3/4 in. Packer Depth 4454 ft. Size 6 3/4 in.

Packer Depth 4414 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4417 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4420 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth 4527 ft. Recorder Number WIC Cap. -

Drilling Contractor FWA Rig #32 Drill Collar Length 315 I. D. 2 1/4 in.

Mud Type Chemical Viscosity 48 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 15.4 cc. Drill Pipe Length 4134 I. D. 3.2 in.

Chlorides 12,000 P.P.M. Test Tool Length 32 ft. Tool Size 5 1/2 OD in.

Jars: Make WIC Serial Number 402 Anchor Length 49 +DC ft. Size 5 1/2 OD in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: Packer seat failed - pulled tool MISRUN

Time Set Packer(s) 12:00 ~~P.M.~~ A.M. Time Started Off Bottom 12:15 ~~P.M.~~ A.M. Maximum Temperature 125

Initial Hydrostatic Pressure (A) 2230 P.S.I.

Initial Flow Period Minutes - (B) - P.S.I. to (C) - P.S.I.

Initial Closed In Period Minutes - (D) - P.S.I.

Final Flow Period Minutes - (E) - P.S.I. to (F) - P.S.I.

Final Closed In Period Minutes - (G) - P.S.I.

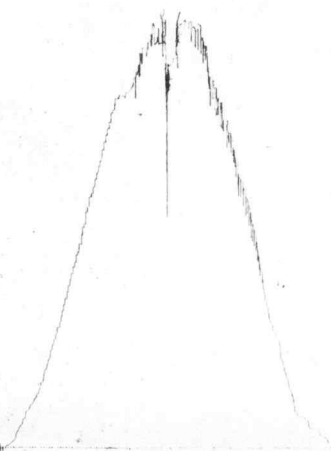
Final Hydrostatic Pressure (H) 2167 P.S.I.

2606 DST # 3

TKT # 15849

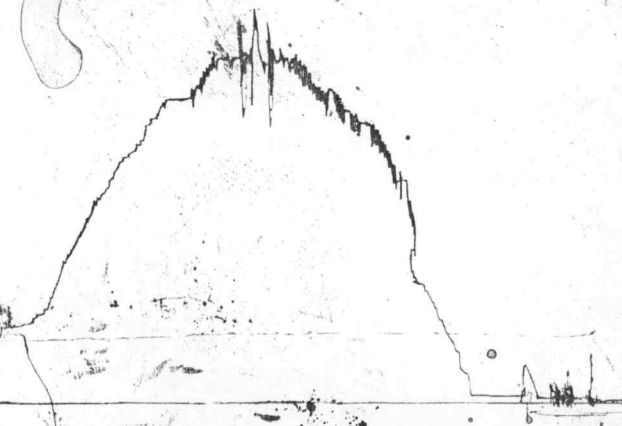
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TKT # 15249

Below Straddle



4332

DST#3

TKT # 15849

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