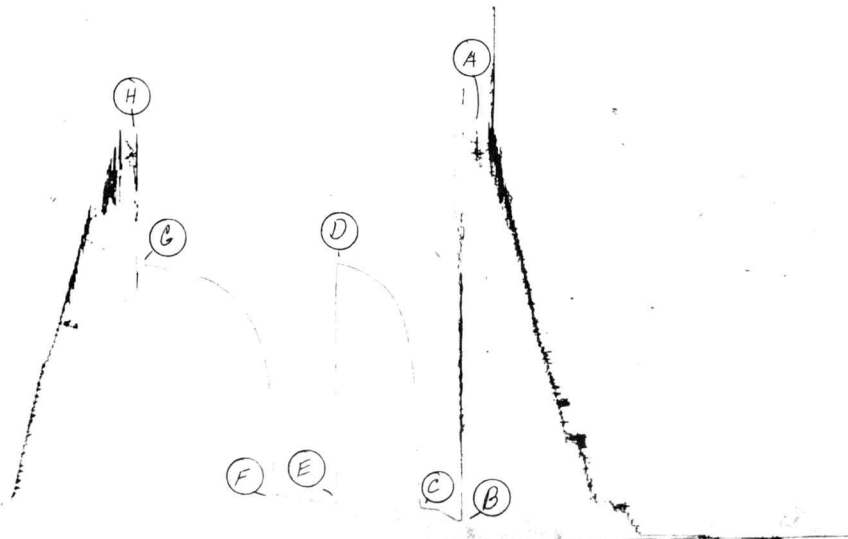


969

TKT # 1195
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Company Texas Oil and Gas Corp. Lease & Well No. Mull C-1
Elevation 1853 Ground Level Formation Lansing Effective Pay - Ft. Ticket No. 1195
Date 12-30-78 Sec. 25 Twp. 31S Range 15W County Barber State Kansas
Test Approved by K. W. Dahlberg Western Representative Billy Kent Hager

Formation Test No. 1 Interval Tested from 4147 ft. to 4178 ft. Total Depth 4178 ft.

Packer Depth 4142 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.

Packer Depth 4147 ft. Size 6 3/4 in. Packer Depth ----- ft. Size ----- in.

Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 4137 ft. Recorder Number 969 Cap. 4200

Bottom Recorder Depth (Outside) 4167 ft. Recorder Number 2603 Cap. 4400

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

Drilling Contractor Slosson #4 Drill Collar Length 360' I. D. 2 1/4 in.

Mud Type Premix Viscosity 33 Weight Pipe Length ----- I. D. ----- in.

Weight 9.2 Water Loss 62.4 cc. Drill Pipe Length 3759 I. D. 3.8 in.

Chlorides 21,000 P.P.M. Test Tool Length 59' in. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 407 Anchor Length 31' ft. Size 5 1/2 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 in.

Blow: Fair blow on both flow periods

Recovered 120 ft. of Gas in Pipe Middle Sample 40,000 PPM Chloride

Recovered 160 ft. of Oil & Gas Cut Mud Bottom Sample 40,000 PPM Chloride

Recovered 360 ft. of Oil & Gas Cut Salt Water

Recovered ft. of

Recovered ft. of

Remarks: Slid tool 8 feet to bottom

Time Set Packer(s) 10:35 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 2:20 ~~P.M.~~ ^{A.M.} Maximum Temperature 125

Initial Hydrostatic Pressure (A) 2063 P.S.I.

Initial Flow Period Minutes 30 (B) 102 P.S.I. to (C) 174 P.S.I.

Initial Closed In Period Minutes 60 (D) 1477 P.S.I.

Final Flow Period Minutes 45 (E) 221 P.S.I. to (F) 266 P.S.I.

Final Closed In Period Minutes 90 (G) 1487 P.S.I.

Final Hydrostatic Pressure (H) 2063 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12/30/78 Test Ticket No. 1195
 Recorder No. 969 Capacity 4200 Location 4137 Ft.
 Clock No. ----- Elevation 1853 Ground Level Well Temperature 125 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud <u>2070</u> P.S.I.	Open Tool	10:35 A. M.	
B First Initial Flow Pressure <u>112</u> P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure <u>188</u> P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure <u>1494</u> P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure <u>223</u> P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure <u>279</u> P.S.I.			
G Final Closed-in Pressure <u>1504</u> P.S.I.			
H Final Hydrostatic Mud <u>2061</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>30</u> Inc. of <u>3</u> mins. and a 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>112</u>	<u>0</u>	<u>188</u>	<u>0</u>	<u>223</u>	<u>0</u>	<u>279</u>
P 2 <u>5</u>	<u>125</u>	<u>3</u>	<u>760</u>	<u>5</u>	<u>225</u>	<u>3</u>	<u>697</u>
P 3 <u>10</u>	<u>147</u>	<u>6</u>	<u>1019</u>	<u>10</u>	<u>231</u>	<u>6</u>	<u>947</u>
P 4 <u>15</u>	<u>170</u>	<u>9</u>	<u>1129</u>	<u>15</u>	<u>240</u>	<u>9</u>	<u>1053</u>
P 5 <u>20</u>	<u>182</u>	<u>12</u>	<u>1205</u>	<u>20</u>	<u>248</u>	<u>12</u>	<u>1123</u>
P 6 <u>25</u>	<u>186</u>	<u>15</u>	<u>1259</u>	<u>25</u>	<u>254</u>	<u>15</u>	<u>1172</u>
P 7 <u>30</u>	<u>188</u>	<u>18</u>	<u>1304</u>	<u>30</u>	<u>260</u>	<u>18</u>	<u>1212</u>
P 8 _____		<u>21</u>	<u>1333</u>	<u>35</u>	<u>268</u>	<u>21</u>	<u>1249</u>
P 9 _____		<u>24</u>	<u>1358</u>	<u>40</u>	<u>277</u>	<u>24</u>	<u>1280</u>
P10 _____		<u>27</u>	<u>1378</u>	<u>45</u>	<u>279</u>	<u>27</u>	<u>1304</u>
P11 _____		<u>30</u>	<u>1397</u>			<u>30</u>	<u>1329</u>
P12 _____		<u>33</u>	<u>1413</u>			<u>33</u>	<u>1346</u>
P13 _____		<u>36</u>	<u>1428</u>			<u>36</u>	<u>1364</u>
P14 _____		<u>39</u>	<u>1440</u>			<u>39</u>	<u>1378</u>
P15 _____		<u>42</u>	<u>1451</u>			<u>42</u>	<u>1397</u>
P16 _____		<u>45</u>	<u>1461</u>			<u>45</u>	<u>1407</u>
P17 _____		<u>48</u>	<u>1468</u>			<u>48</u>	<u>1418</u>
P18 _____		<u>51</u>	<u>1475</u>			<u>51</u>	<u>1426</u>
P19 _____		<u>54</u>	<u>1481</u>			<u>54</u>	<u>1434</u>
P20 _____		<u>57</u>	<u>1488</u>			<u>57</u>	<u>1440</u>
		<u>60</u>	<u>1494</u>			<u>60</u>	<u>1449</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 12/30/78 Test Ticket No. 1195

Recorder No. 969 Capacity 4200 Location 4137 Ft.

Clock No. ----- Elevation 1853 Ground Level Well Temperature 125 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud <u>2070</u> P.S.I.	Open Tool	10:35 A. M.	
B First Initial Flow Pressure <u>112</u> P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure <u>188</u> P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure <u>1494</u> P.S.I.	Second Flow Pressure	45 Mins.	45 Mins.
E Second Initial Flow Pressure <u>223</u> P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F Second Final Flow Pressure <u>279</u> P.S.I.			
G Final Closed-in Pressure <u>1504</u> P.S.I.			
H Final Hydrostatic Mud <u>2061</u> P.S.I.			

PRESSURE BREAKDOWN

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.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1						63	1453
P 2						66	1459
P 3						69	1465
P 4						72	1469
P 5						75	1473
P 6						78	1479
P 7						81	1485
P 8						84	1491
P 9						87	1498
P10						90	1504
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							