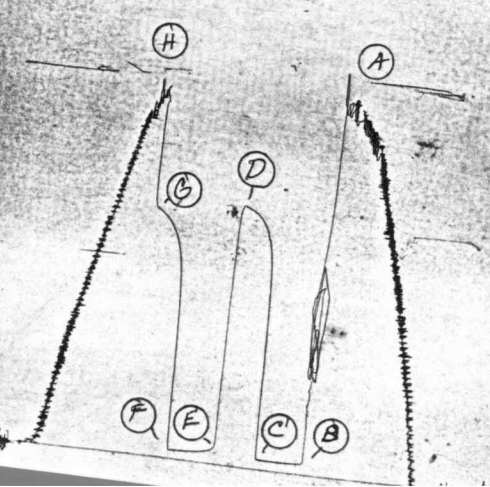


Tkt # 1253
V



Company Gear Petroleum Company Inc. Lease & Well No. Trostle #1
 Elevation 1510 Ground Level Formation Mississippi Effective Pay -- Ft. Ticket No. 1253
 Date 3/22/79 Sec. 34 Twp. 28S Range 6W County Kingman State Kansas
 Test Approved by Phil Hunt Western Representative Rod Tritt

Formation Test No. 1 Interval Tested from 3983' ft. to 3993' ft. Total Depth 3993' ft.
 Packer Depth 3983 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3985 ft. Recorder Number 2604 Cap. 4150
 Bottom Recorder Depth (Outside) 3988 ft. Recorder Number 2606 Cap. 4150
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Graves Drilling Co. Drill Collar Length 88 I. D. 2 1/4 in.
 Mud Type premix-driscopac Viscosity 46 Weight Pipe Length 310 I. D. 2 1/2 in.
 Weight 9.4 Water Loss 12.0 cc. Drill Pipe Length 3570 I. D. 3.8 in.
 Chlorides 23,000 P.P.M. Test Tool Length 15 in. Tool Size 5 1/2 OD in.
 Jars: Make No Serial Number -- Anchor Length 10 ft. Size 5 1/2 OD in.
 Did Well Flow? No Reversed Out - 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: Strong blow throughout test. Gas to surface in five minutes. See attached sheet for gas measurements.

Recovered 110 ft. of water cut drilling mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 4:00 ~~P.M.~~ A.M. Time Started Off Bottom 6:00 ~~P.M.~~ A.M. Maximum Temperature
 Initial Hydrostatic Pressure 2042 (A) 2042 P.S.I.
 Initial Flow Period 30 Minutes (B) 62 P.S.I. to (C) 55 P.S.I.
 Initial Closed In Period 30 Minutes (D) 1427 P.S.I.
 Final Flow Period 30 Minutes (E) 74 P.S.I. to (F) 47 P.S.I.
 Final Closed In Period 30 Minutes (G) 1261 P.S.I.
 Final Hydrostatic Pressure 1994 (H) 1994 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 3/22/79 Test Ticket No. 1253
 Recorder No. 2604 Capacity 4150 Location 3985 Ft.
 Clock No. -- Elevation 1510 Ground Level Well Temperature -- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2042	P.S.I.	4:00A	M
B First Initial Flow Pressure	62	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	55	P.S.I.	30	Mins. 30 Mins.
D Initial Closed-in Pressure	1427	P.S.I.	30	Mins. 30 Mins.
E Second Initial Flow Pressure	74	P.S.I.	30	Mins. 30 Mins.
F Second Final Flow Pressure	47	P.S.I.	30	Mins. 30 Mins.
G Final Closed-in Pressure	1261	P.S.I.		
H Final Hydrostatic Mud	1994	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: 10 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: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>62</u>	<u>0</u>	<u>55</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>47</u>
P 2 <u>5</u>	<u>58</u>	<u>3</u>	<u>828</u>	<u>5</u>	<u>68</u>	<u>3</u>	<u>657</u>
P 3 <u>10</u>	<u>55</u>	<u>6</u>	<u>1130</u>	<u>10</u>	<u>58</u>	<u>6</u>	<u>1000</u>
P 4 <u>15</u>	<u>55</u>	<u>9</u>	<u>1245</u>	<u>15</u>	<u>53</u>	<u>9</u>	<u>1132</u>
P 5 <u>20</u>	<u>55</u>	<u>12</u>	<u>1303</u>	<u>20</u>	<u>51</u>	<u>12</u>	<u>1209</u>
P 6 <u>25</u>	<u>55</u>	<u>15</u>	<u>1345</u>	<u>25</u>	<u>49</u>	<u>15</u>	<u>1255</u>
P 7 <u>30</u>	<u>55</u>	<u>18</u>	<u>1376</u>	<u>30</u>	<u>47</u>	<u>18</u>	<u>1257</u>
P 8 _____	_____	<u>21</u>	<u>1391</u>	_____	_____	<u>21</u>	<u>1258</u>
P 9 _____	_____	<u>24</u>	<u>1402</u>	_____	_____	<u>24</u>	<u>1259</u>
P10 _____	_____	<u>27</u>	<u>1415</u>	_____	_____	<u>27</u>	<u>1260</u>
P11 _____	_____	<u>30</u>	<u>1427</u>	_____	_____	<u>30</u>	<u>1261</u>
P12 _____	_____	_____	_____	_____	_____	_____	_____
P13 _____	_____	_____	_____	_____	_____	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

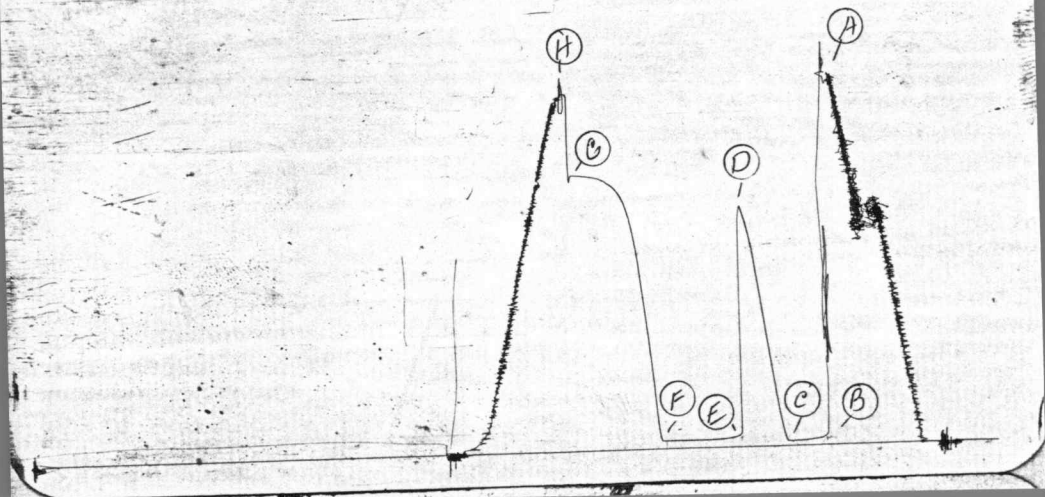
2684

POST #2

35

TRC # 1254

I



Company Gear Petroleum Lease & Well No. Trostle #1
 Elevation 1510 Ground Level Formation Mississippi Effective Pay -- Ft. Ticket No. 1254
 Date 3/22/79 Sec. 34 Twp. 28S Range 6W County Kingman State Kansas
 Test Approved by Phil Hunt Western Representative Rod Tritt

Formation Test No. 2 Interval Tested from 4007 ft. to 4020 ft. Total Depth 4020 ft.
 Packer Depth 4007 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set - -

Top Recorder Depth (Inside) 4010 ft. Recorder Number 2604 Cap. 4150
 Bottom Recorder Depth (Outside) 4013 ft. Recorder Number 2606 Cap. 4150
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Graves Drilling Drill Collar Length 88 I. D. 2 1/4 in.
 Mud Type premix-driscopac Viscosity 46 Weight Pipe Length 310 I. D. 2 1/2 in.
 Weight 9.2 Water Loss 12.0 cc. Drill Pipe Length 3593 I. D. 3.8 in.
 Chlorides 23,000 P.P.M. Test Tool Length 15' Tool Size 5 1/2 OD in.
 Jars: Make No Serial Number -- Anchor Length 13' 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: Strong blow throughout test. Gas to surface in 70 minutes. Guaged 14,100 CFPD at 80 minutes; 10,900 CFPD at 90 minutes.

Recovered 65 ft. of oil and gas cut mud
 Recovered 62 ft. of gas and mud cut oil
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks: Hit bridge going into hole. Clock stopped on recorder #2606

Time Set Packer(s) 4:25 ~~A.M.~~ P.M. Time Started Off Bottom 7:25 ~~A.M.~~ P.M. Maximum Temperature 120
 Initial Hydrostatic Pressure (A) 2021 P.S.I.
 Initial Flow Period Minutes 30 (B) 45 P.S.I. to (C) 28 P.S.I.
 Initial Closed In Period Minutes 30 (D) 1314 P.S.I.
 Final Flow Period Minutes 60 (E) 62 P.S.I. to (F) 43 P.S.I.
 Final Closed In Period Minutes 60 (G) 1504 P.S.I.
 Final Hydrostatic Pressure (H) 1954 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 3/22/79 Recorder No. 2604 Capacity 4150 Test Ticket No. 1254
 Clock No. _____ Elevation 1510 Ground Level Location 4010 Ft. _____
 Well Temperature 120 °F _____

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2021</u> P.S.I.	Open Tool	<u>M</u>	
B First Initial Flow Pressure	<u>45</u> P.S.I.	First Flow Pressure	_____ Mins.	_____ Mins.
C First Final Flow Pressure	<u>28</u> P.S.I.	Initial Closed-in Pressure	_____ Mins.	_____ Mins.
D Initial Closed-in Pressure	<u>1314</u> P.S.I.	Second Flow Pressure	_____ Mins.	_____ Mins.
E Second Initial Flow Pressure	<u>62</u> P.S.I.	Final Closed-in Pressure	_____ Mins.	_____ Mins.
F Second Final Flow Pressure	<u>43</u> P.S.I.			
G Final Closed-in Pressure	<u>1504</u> P.S.I.			
H Final Hydrostatic Mud	<u>1954</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: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>45</u>	<u>0</u>	<u>28</u>	<u>0</u>	<u>62</u>	<u>0</u>	<u>43</u>
P 2 <u>5</u>	<u>39</u>	<u>3</u>	<u>78</u>	<u>5</u>	<u>55</u>	<u>3</u>	<u>155</u>
P 3 <u>10</u>	<u>34</u>	<u>6</u>	<u>190</u>	<u>10</u>	<u>49</u>	<u>6</u>	<u>384</u>
P 4 <u>15</u>	<u>30</u>	<u>9</u>	<u>340</u>	<u>15</u>	<u>45</u>	<u>9</u>	<u>590</u>
P 5 <u>20</u>	<u>30</u>	<u>12</u>	<u>483</u>	<u>20</u>	<u>45</u>	<u>12</u>	<u>797</u>
P 6 <u>25</u>	<u>28</u>	<u>15</u>	<u>621</u>	<u>25</u>	<u>43</u>	<u>15</u>	<u>987</u>
P 7 <u>30</u>	<u>28</u>	<u>18</u>	<u>780</u>	<u>30</u>	<u>43</u>	<u>18</u>	<u>1140</u>
P 8 _____	_____	<u>21</u>	<u>937</u>	<u>35</u>	<u>43</u>	<u>21</u>	<u>1242</u>
P 9 _____	_____	<u>24</u>	<u>1088</u>	<u>40</u>	<u>43</u>	<u>24</u>	<u>1326</u>
P10 _____	_____	<u>27</u>	<u>1182</u>	<u>45</u>	<u>43</u>	<u>27</u>	<u>1378</u>
P11 _____	_____	<u>30</u>	<u>1314</u>	<u>50</u>	<u>43</u>	<u>30</u>	<u>1410</u>
P12 _____	_____	_____	_____	<u>55</u>	<u>43</u>	<u>33</u>	<u>1435</u>
P13 _____	_____	_____	_____	<u>60</u>	<u>43</u>	<u>36</u>	<u>1450</u>
P14 _____	_____	_____	_____	_____	_____	<u>39</u>	<u>1461</u>
P15 _____	_____	_____	_____	_____	_____	<u>42</u>	<u>1473</u>
P16 _____	_____	_____	_____	_____	_____	<u>45</u>	<u>1485</u>
P17 _____	_____	_____	_____	_____	_____	<u>48</u>	<u>1492</u>
P18 _____	_____	_____	_____	_____	_____	<u>51</u>	<u>1495</u>
P19 _____	_____	_____	_____	_____	_____	<u>54</u>	<u>1498</u>
P20 _____	_____	_____	_____	_____	_____	<u>57</u>	<u>1501</u>
						<u>60</u>	<u>1504</u>