

Company National Oil Corporation Lease & Well No. Stark #1  
 Location 1163 Ground Level Bartlesville Sand --- Ft. Ticket No. 7258  
 Date 9/8/80 Sec. 18 Twp. 30S Range 4E County Cowley State Kansas  
 Approved by George Dent Western Representative Denis Wondra

Formation Test No. 1 Interval Tested from 2820 ft. to 2850 ft. Total Depth 2850 ft.  
 Packer Depth 2815 ft. Size 6 5/8 in. Packer Depth 2820 ft. Size 6 5/8 in.  
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -  
 Recorder Depth (Inside) 2840 ft. Recorder Number 3474 Cap. 3000  
 Recorder Depth (Outside) 2843 ft. Recorder Number 3659 Cap. 4000  
 Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor DNB Drlg. Rig #3 Drill Collar Length - I. D. - in.  
 Mud Type premix Viscosity 40 Weight Pipe Length 185 I. D. 2.8 in.  
 Mud Weight 9.3 Water Loss 12.0 cc. Drill Pipe Length 2610 I. D. 3.8 in.  
 Solids 1,600 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.  
 Mud: Make -- Serial Number -- Anchor Length 30 ft. Size 5 1/2 OD in.  
 Mud 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.

Remarks: Few bubbles; died in four minutes on initial flow. No blow; flushed tool; still no blow on final flow period.

Recovered 3 ft. of mud with few spots of oil  
 Recovered     ft. of      
 Recovered     ft. of      
 Recovered     ft. of      
 Recovered     ft. of    

Remarks:    

Time Set Packer(s) 8:53 ~~P.M.~~ A.M. Time Started Off Bottom 11:00 ~~P.M.~~ A.M. Maximum Temperature 106°  
 Initial Hydrostatic Pressure ..... (A) 1429 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 32 P.S.I. to (C) 27 P.S.I.  
 Initial Closed In Period ..... Minutes 30 (D) 30 P.S.I.  
 Final Flow Period ..... Minutes 30 (E) 29 P.S.I. to (F) 29 P.S.I.  
 Final Closed In Period ..... Minutes 30 (G) 32 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1397 P.S.I.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 9-8-80 Test Ticket No. 7258  
 Recorder No. 3474 Capacity 3000 Location 2840 Ft.  
 Clock No. ----- Elevation 1163 Ground Level Well Temperature 106 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1429 P.S.I.	Open Tool	8:53 A M	
B First Initial Flow Pressure	32 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	27 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	30 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	29 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	29 P.S.I.			
G Final Closed-in Pressure	32 P.S.I.			
H Final Hydrostatic Mud	1397 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>32</u>	<u>0</u>	<u>27</u>	<u>0</u>	<u>29</u>	<u>0</u>	<u>29</u>
P 2 <u>5</u>	<u>30</u>	<u>3</u>	<u>27</u>	<u>5</u>	<u>Flushed Tool</u>	<u>3</u>	<u>29</u>
P 3 <u>10</u>	<u>29</u>	<u>6</u>	<u>27</u>	<u>10</u>	<u>33</u>	<u>6</u>	<u>29</u>
P 4 <u>15</u>	<u>29</u>	<u>9</u>	<u>27</u>	<u>15</u>	<u>30</u>	<u>9</u>	<u>29</u>
P 5 <u>20</u>	<u>27</u>	<u>12</u>	<u>27</u>	<u>20</u>	<u>30</u>	<u>12</u>	<u>29</u>
P 6 <u>25</u>	<u>27</u>	<u>15</u>	<u>27</u>	<u>25</u>	<u>29</u>	<u>15</u>	<u>29</u>
P 7 <u>30</u>	<u>27</u>	<u>18</u>	<u>27</u>	<u>30</u>	<u>29</u>	<u>18</u>	<u>30</u>
P 8 _____	_____	<u>21</u>	<u>27</u>	_____	_____	<u>21</u>	<u>30</u>
P 9 _____	_____	<u>24</u>	<u>27</u>	_____	_____	<u>24</u>	<u>31</u>
P10 _____	_____	<u>27</u>	<u>29</u>	_____	_____	<u>27</u>	<u>32</u>
P11 _____	_____	<u>30</u>	<u>30</u>	_____	_____	<u>30</u>	<u>32</u>
P12 _____	_____	_____	_____	_____	_____	_____	_____
P13 _____	_____	_____	_____	_____	_____	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

JKI # 7258  
I

