



Ricketts Testing

Company BANKOFF OIL COMPANY Lease & Well No. MC CREIGHT #1
Elevation 2262 K.B. Formation FORT SCOTT Effective Pay _____ ft. Ticket No. 1414
Date 7-13-90 Sec. 10 Twp. 20 Range 23W County NESS State KANSAS
Test Approved by FRANK MIZE Ricketts Representative DAN DELANEY
Formation Test No. 1 Interval Tested from 4263 ft. to 4300 ft. Total Depth 4300 ft.
Packer Depth 4263 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4260 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4268 ft. Recorder Number 13765 Cap. 4150
Bottom Recorder Depth (Outside) 4271 ft. Recorder Number 13766 Cap. 4275
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____
Drilling Contractor Abercrombie Drilling Rig #8 Drill Collar Length _____ I.D. _____ in.
Mud Type Chemical Viscosity 48 Weight Pipe Length 612 I.D. 3.00 in.
Weight 9.2 Water Loss 12 cc. Drill Pipe Length 3631 I.D. 3.25 in.
Chlorides 5,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
Jars: Make _____ Serial Number _____ Anchor Length 37 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 xh in.

Blow: Weak blow building to a strong blow in 4 minutes Initial Flow Period.

Good blow building to a strong blow in 2 minutes Final Flow Period.

Recovered <u>360</u> ft. of	<u>Clean gassy oil</u>			
Recovered <u>60</u> ft. of	<u>Heavy oil & gas cut mud.</u>	<u>56% Mud</u>	<u>22% Oil</u>	<u>22% Gas</u>
Recovered <u>60</u> ft. of	<u>Heavy oil & gas cut mud.</u>	<u>59% Mud</u>	<u>21% Oil</u>	<u>20% Gas</u>
Recovered <u>60</u> ft. of	<u>Heavy oil & gas cut mud.</u>	<u>65% Mud</u>	<u>17% Oil</u>	<u>18% Gas</u>

Recovered _____ ft. of _____

Remarks: GAS TO SURFACE ON FINAL SHUT-IN

Time Set Packer (s) <u>6:45</u> ~~P.M.~~ <u>A.M.</u>	Time Started Off Bottom <u>9:30</u> ~~P.M.~~ <u>A.M.</u>	Maximum Temperature <u>97°</u>
Initial Hydrostatic Pressure..... (A)	<u>2002</u> P.S.I.	
Initial Flow Period..... Minutes <u>30</u> (B)	<u>42</u> P.S.I.	to
	(C) <u>72</u> P.S.I.	
Initial Closed In Period..... Minutes <u>30</u> (D)	<u>968</u> P.S.I.	
Final Flow Period..... Minutes <u>45</u> (E)	<u>114</u> P.S.I.	to
	(F) <u>164</u> P.S.I.	
Final Closed In Period..... Minutes <u>60</u> (G)	<u>1094</u> P.S.I.	
Final Hydrostatic Pressure..... (H)	<u>1987</u> P.S.I.	

RICKETTS TESTING

Pressure Data

Date 7-13-90 Recorder No. 13765 Capacity 4150 Test Ticket No. 1414
 Location 4268 Ft. Clock No. Elevation 2262 K.B. Well Temperature 97 °F

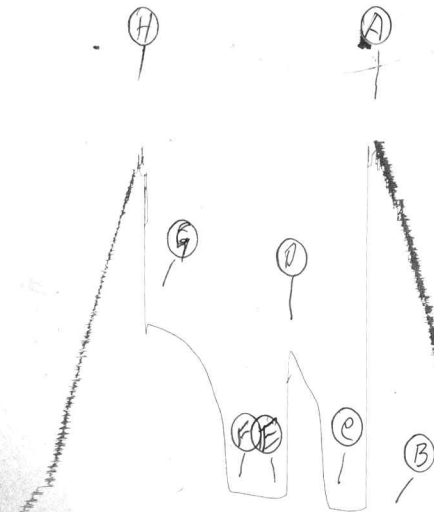
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud <u>2002</u> P.S.I.	Open Tool	6:45 A M	
B First Initial Flow Pressure <u>42</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure <u>72</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure <u>968</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure <u>114</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure <u>164</u> P.S.I.			
G Final Closed-in Pressure <u>1094</u> P.S.I.			
H Final Hydrostatic Mud <u>1987</u> P.S.I.			

PRESSURE BREAKDOWN

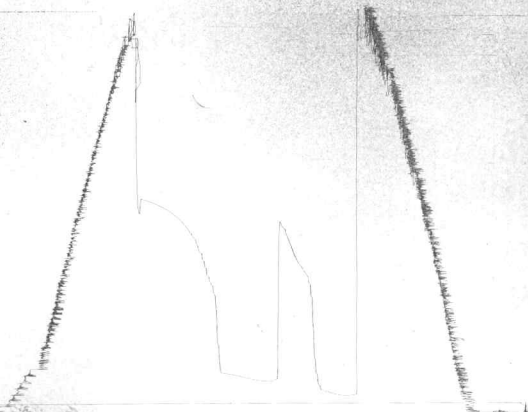
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>20</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
1 0	42	0	72	0	114	0	164
2 5	42	3	175	5	114	3	357
3 10	46	6	408	10	120	6	577
4 15	50	9	589	15	123	9	643
5 20	57	12	685	20	131	12	684
6 25	62	15	718	25	140	15	765
7 30	72	18	747	30	148	18	815
8 35		21	775	35	156	21	867
9 40		24	829	40	159	24	909
10 45		27	883	45	164	27	937
11 50		30	968	50		30	964
12 55		33		55		33	987
13 60		36		60		36	1007
14 65		39		65		39	1023
15 70		42		70		42	1038
16 75		45		75		45	1050
17 80		48		80		48	1063
18 85		51		85		51	1072
19 90		54		90		54	1079
20 95		57				57	1087
		60				60	1094

DST #1 TK# 1414

13766



13765





Ricketts Testing

Company BANKOFF OIL COMPANY Lease & Well No. MC CREIGHT #1
Elevation 2262 K.B. Formation CHEROKEE SAND Effective Pay _____ ft. Ticket No. 1415
Date 7-14-90 Sec. 10 Twp. 20 Range 23W County NESS State KANSAS
Test Approved by FRANK MIZE Ricketts Representative DAN DELANEY
Formation Test No. 2 Interval Tested from 4335 ft. to 4377 ft. Total Depth 4377 ft.
Packer Depth 4335 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 4332 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 4340 ft. Recorder Number 13765 Cap. 4150
Bottom Recorder Depth (Outside) 4343 ft. Recorder Number 13766 Cap. 4275
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____
Drilling Contractor Abercrombie Drilling Rig #8 Drill Collar Length _____ I.D. _____ in.
Mud Type Chemical Viscosity 54 Weight Pipe Length 612 I.D. 3.00 in.
Weight 9.4 Water Loss 10.0 cc. Drill Pipe Length 3703 I.D. 3.25 in.
Chlorides 6,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
Jars: Make _____ Serial Number _____ Anchor Length 42 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 x h in.

Blow: Weak blow Initial Flow Period. Died in 25 minutes.

Recovered 2 ft. of Oil cut mud.

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____

Time Set Packer (s) 5:00 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 5:56 ~~P.M.~~ ^{A.M.} Maximum Temperature 115°
Initial Hydrostatic Pressure (A) 2081 P.S.I.
Initial Flow Period Minutes 25 (B) 15 P.S.I. to
(C) 15 P.S.I.
Initial Closed In Period Minutes 30 (D) 29 P.S.I.
Final Flow Period Minutes (E) Not taken P.S.I. to
(F) _____ P.S.I.
Final Closed In Period Minutes (G) Not taken P.S.I.
Final Hydrostatic Pressure (H) 2069 P.S.I.

RICKETTS TESTING

Pressure Data

Date 7-14-90 Test Ticket No. 1415
 Recorder No. 13765 Capacity 4150 Location 4340 Ft.
 Clock No. Elevation 2262 K.B. Well Temperature 115 °F

Point	Pressure	Time Given	Time Computed
		5:00 A M	
A Initial Hydrostatic Mud	<u>2081</u> P.S.I.		
B First Initial Flow Pressure	<u>15</u> P.S.I.	<u>26</u> Mins.	<u>25</u> Mins.
C First Final Flow Pressure	<u>15</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>29</u> P.S.I.	<u>N/T</u> Mins.	<u> </u> Mins.
E Second Initial Flow Pressure	<u>Not taken</u> P.S.I.	<u>N/T</u> Mins.	<u> </u> Mins.
F Second Final Flow Pressure	<u>Not taken</u> P.S.I.		
G Final Closed-in Pressure	<u>Not taken</u> P.S.I.		
H Final Hydrostatic Mud	<u>2069</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u> </u> Inc.		Breakdown: <u> </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> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>15</u>	<u>0</u>	<u>15</u>	<u>0</u>	<u> </u>	<u>0</u>	<u> </u>
P 2 <u>5</u>	<u>15</u>	<u>3</u>	<u>16</u>	<u>5</u>	<u> </u>	<u>3</u>	<u> </u>
P 3 <u>10</u>	<u>15</u>	<u>6</u>	<u>17</u>	<u>10</u>	<u> </u>	<u>6</u>	<u> </u>
P 4 <u>15</u>	<u>15</u>	<u>9</u>	<u>18</u>	<u>15</u>	<u> </u>	<u>9</u>	<u> </u>
P 5 <u>20</u>	<u>15</u>	<u>12</u>	<u>20</u>	<u>20</u>	<u> </u>	<u>12</u>	<u> </u>
P 6 <u>25</u>	<u>15</u>	<u>15</u>	<u>22</u>	<u>25</u>	<u> </u>	<u>15</u>	<u> </u>
P 7 <u>30</u>	<u> </u>	<u>18</u>	<u>24</u>	<u>30</u>	<u> </u>	<u>18</u>	<u> </u>
P 8 <u>35</u>	<u> </u>	<u>21</u>	<u>26</u>	<u>35</u>	<u> </u>	<u>21</u>	<u> </u>
P 9 <u>40</u>	<u> </u>	<u>24</u>	<u>27</u>	<u>40</u>	<u> </u>	<u>24</u>	<u> </u>
P10 <u>45</u>	<u> </u>	<u>27</u>	<u>28</u>	<u>45</u>	<u> </u>	<u>27</u>	<u> </u>
P11 <u>50</u>	<u> </u>	<u>30</u>	<u>29</u>	<u>50</u>	<u> </u>	<u>30</u>	<u> </u>
P12 <u>55</u>	<u> </u>	<u>33</u>	<u> </u>	<u>55</u>	<u> </u>	<u>33</u>	<u> </u>
P13 <u>60</u>	<u> </u>	<u>36</u>	<u> </u>	<u>60</u>	<u> </u>	<u>36</u>	<u> </u>
P14 <u>65</u>	<u> </u>	<u>39</u>	<u> </u>	<u>65</u>	<u> </u>	<u>39</u>	<u> </u>
P15 <u>70</u>	<u> </u>	<u>42</u>	<u> </u>	<u>70</u>	<u> </u>	<u>42</u>	<u> </u>
P16 <u>75</u>	<u> </u>	<u>45</u>	<u> </u>	<u>75</u>	<u> </u>	<u>45</u>	<u> </u>
P17 <u>80</u>	<u> </u>	<u>48</u>	<u> </u>	<u>80</u>	<u> </u>	<u>48</u>	<u> </u>
P18 <u>85</u>	<u> </u>	<u>51</u>	<u> </u>	<u>85</u>	<u> </u>	<u>51</u>	<u> </u>
P19 <u>90</u>	<u> </u>	<u>54</u>	<u> </u>	<u>90</u>	<u> </u>	<u>54</u>	<u> </u>
P20 <u>95</u>	<u> </u>	<u>57</u>	<u> </u>	<u> </u>	<u> </u>	<u>57</u>	<u> </u>
		<u>60</u>				<u>60</u>	

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VST #2 TR# 1415

13765

