



Ricketts Testing, Inc.

Company PICKRELL DRILLING COMPANY, INC. Lease & Well No. RALL "A" #2
 Elevation 1502 K.B. Formation MISSISSIPPI Ticket No. 2183
 Date 6-7-04 Sec. 10 Twp. 30S Range 8W County KINGMAN State KS
 Test Approved by _____ Ricketts Representative JIM RICKETTS

Formation Test No. 1 Interval Tested from 4121 ft. to 4156 ft. Total Depth 4156 ft.
 Packer Depth 4121 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 4118 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4126 ft. Recorder Number 11027 Cap. 4275
 Bottom Recorder Depth (Outside) 4129 ft. Recorder Number Z43 Cap. 6000
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor PICKRELL DRILLING RIG #10 Drill Collar Length 117 I.D. 2.25 in.
 Mud Type CHEMICAL Viscosity 38 Weight Pipe Length _____ I.D. _____ in.
 Weight 9.2 Water Loss 10.4 cc. Drill Pipe Length 3984 I.D. 3.25 in.
 Chlorides 3300 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
 Jars: Make _____ Serial Number _____ Anchor Length 35 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.
 Gravity Oil _____ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: STRONG BLOW. GAS TO SURFACE IN 13 MINUTES INITIAL FLOW PERIOD. GAUGED 53,300 CFPD TO 76,450 CFPD

Recovered 109 ft. of GAS CUT MUD.
 Recovered 58 ft. of SLIGHTLY OIL CUT WATER & MUD 4% OIL 15% WATER 15% GAS 66% MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: DST FLUID CHLORIDES 28,000 PPM

Time Set Packer (s) 12:35 P.M. Time Started Off Bottom 5:05 P.M. Maximum Temperature 127°
 Initial Hydrostatic Pressure(A) 2066 P.S.I.
 Initial Flow PeriodMinutes 30 (B) 39 P.S.I. to
 (C) 51 P.S.I.
 Initial Closed In PeriodMinutes 60 (D) 371 P.S.I.
 Final Flow PeriodMinutes 90 (E) 48 P.S.I. to
 (F) 63 P.S.I.
 Final Closed In PeriodMinutes 90 (G) 367 P.S.I.
 Final Hydrostatic Pressure(H) 2048 P.S.I.

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GAS FLOW REPORT

Date 6-7-04 Ticket 2183 Company PICKRELL DRILLING COMPANY, INC.
 Well Name and No. RALL "A" #2 Dst No. 1 Interval Tested 4121 - 4156
 County KINGMAN State KS Sec. 10 Twp. 30S Rg. 8W

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
3/4" ORIFICE PRE FLOW GAS TO SURFACE IN 13 MINUTES						
12:58	23	14 IOW				53,300 CFPD
1:05	30	16 IOW				55,800 CFPD

SECOND FLOW

2:15	10	22 IOW				66,600 CFPD
2:25	20	24 IOW				69,500 CFPD
2:35	30	25 IOW				70,950 CFPD
2:45	40	26 IOW				72,400 CFPD
2:55	50	27 IOW				73,750 CFPD
3:05	60	28 IOW				75,100 CFPD
3:15	70	29 IOW				76,450 CFPD
3:25	80	29 IOW				76,450 CFPD
3:35	90	29 IOW				76,450 CFPD

GAS BOTTLE

Serial No. 303 Date Bottle Filled 6-7-04 Date to be Invoiced 7-7-04

Requisition and Provisions for high pressure steel gas bottles. Ricketts Testing 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 Ricketts Testing 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 1½% per month, equal to 18% 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 _____
 Authorized by _____

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RICKETTS TESTING, INC.

Pressure Data

Date 6-7-04 Test Ticket No. 2183
 Recorder No. 11-27 Capacity 4275 Location 4126 Ft.
 Block No. _____ Elevation 1502 K.B. Well Temperature 127 °F

Point	Pressure		Time	
			Given	Computed
Initial Hydrostatic Mud	<u>2066</u>	P.S.I.	<u>12:35</u>	<u>P M</u>
Open Tool				
First Initial Flow Pressure	<u>39</u>	P.S.I.	<u>30</u>	<u>30</u> Mins.
First Flow Pressure				
First Final Flow Pressure	<u>51</u>	P.S.I.	<u>60</u>	<u>60</u> Mins.
Initial Closed-in Pressure	<u>371</u>	P.S.I.	<u>90</u>	<u>90</u> Mins.
Second Flow Pressure				
Second Initial Flow Pressure	<u>48</u>	P.S.I.	<u>90</u>	<u>90</u> Mins.
Final Closed-in Pressure	<u>363</u>	P.S.I.		
Second Final Flow Pressure	<u>63</u>	P.S.I.		
Final Hydrostatic Mud	<u>2048</u>	P.S.I.		

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PRESSURE BREAKDOWN

Point fins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	<u>6</u>		<u>20</u>		<u>18</u>		<u>30</u>	
	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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
	Point	Press.	Point	Press.	Point	Press.	Point	Press.
	Minutes		Minutes		Minutes		Minutes	
1	<u>0</u>	<u>39</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>48</u>	<u>0</u>	<u>63</u>
2	<u>5</u>	<u>41</u>	<u>3</u>	<u>290</u>	<u>5</u>	<u>50</u>	<u>3</u>	<u>218</u>
3	<u>10</u>	<u>45</u>	<u>6</u>	<u>327</u>	<u>10</u>	<u>52</u>	<u>6</u>	<u>292</u>
4	<u>15</u>	<u>48</u>	<u>9</u>	<u>342</u>	<u>15</u>	<u>54</u>	<u>9</u>	<u>324</u>
5	<u>20</u>	<u>49</u>	<u>12</u>	<u>352</u>	<u>20</u>	<u>55</u>	<u>12</u>	<u>336</u>
6	<u>25</u>	<u>50</u>	<u>15</u>	<u>360</u>	<u>25</u>	<u>56</u>	<u>15</u>	<u>343</u>
7	<u>30</u>	<u>51</u>	<u>18</u>	<u>363</u>	<u>30</u>	<u>57</u>	<u>18</u>	<u>348</u>
8	<u>35</u>		<u>21</u>	<u>365</u>	<u>35</u>	<u>58</u>	<u>21</u>	<u>350</u>
9	<u>40</u>		<u>24</u>	<u>366</u>	<u>40</u>	<u>59</u>	<u>24</u>	<u>352</u>
10	<u>45</u>		<u>27</u>	<u>367</u>	<u>45</u>	<u>59</u>	<u>27</u>	<u>354</u>
11	<u>50</u>		<u>30</u>	<u>368</u>	<u>50</u>	<u>60</u>	<u>30</u>	<u>356</u>
12	<u>55</u>		<u>33</u>	<u>369</u>	<u>55</u>	<u>60</u>	<u>33</u>	<u>358</u>
13	<u>60</u>		<u>36</u>	<u>370</u>	<u>60</u>	<u>61</u>	<u>36</u>	<u>360</u>
14	<u>65</u>		<u>39</u>	<u>371</u>	<u>65</u>	<u>61</u>	<u>39</u>	<u>361</u>
15	<u>70</u>		<u>42</u>	<u>371</u>	<u>70</u>	<u>61</u>	<u>42</u>	<u>362</u>
16	<u>75</u>		<u>45</u>	<u>371</u>	<u>75</u>	<u>62</u>	<u>45</u>	<u>362</u>
17	<u>80</u>		<u>48</u>	<u>371</u>	<u>80</u>	<u>62</u>	<u>48</u>	<u>362</u>
18	<u>85</u>		<u>51</u>	<u>371</u>	<u>85</u>	<u>62</u>	<u>51</u>	<u>363</u>
19	<u>90</u>		<u>54</u>	<u>371</u>	<u>90</u>	<u>63</u>	<u>54</u>	<u>363</u>
20	<u>95</u>		<u>57</u>	<u>371</u>			<u>57</u>	<u>363</u>
			<u>60</u>	<u>371</u>			<u>60</u>	<u>363</u>

RICKETTS TESTING

Pressure Data

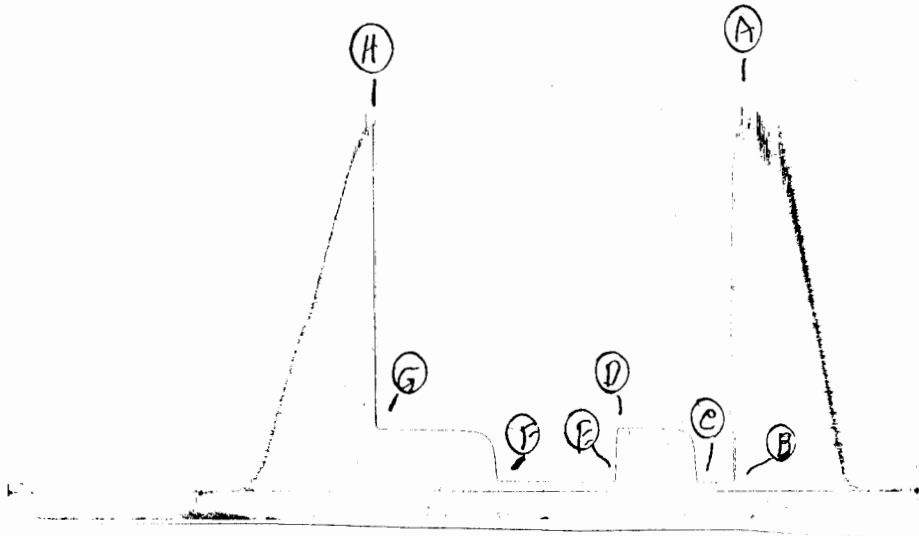
Date _____ Test Ticket No. 2183
 Recorder No. _____ Capacity _____ Location _____ Ft.
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud _____ P.S.I.	Open Tool	_____ M	_____
B	First Initial Flow Pressure _____ P.S.I.	First Flow Pressure	_____ Mins	_____ Mins.
C	First Final Flow Pressure _____ P.S.I.	Initial Closed-in Pressure	_____ Mins	_____ Mins.
D	Initial Closed-in Pressure _____ P.S.I.	Second Flow Pressure	_____ Mins	_____ Mins.
E	Second Initial Flow Pressure _____ P.S.I.	Final Closed-in Pressure	_____ Mins	_____ Mins.
F	Second Final Flow Pressure _____ P.S.I.			
G	Final Closed-in Pressure _____ P.S.I.			
H	Final Hydrostatic Mud _____ P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In	
	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	
	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	_____	_____	_____	63	364
P 2	_____	_____	_____	66	364
P 3	_____	_____	_____	69	365
P 4	_____	_____	_____	72	365
P 5	_____	_____	_____	75	365
P 6	_____	_____	_____	78	366
P 7	_____	_____	_____	81	366
P 8	_____	_____	_____	84	366
P 9	_____	_____	_____	87	367
P10	_____	_____	_____	90	367
P11	_____	_____	_____	_____	_____
P12	_____	_____	_____	_____	_____
P13	_____	_____	_____	_____	_____
P14	_____	_____	_____	_____	_____
P15	_____	_____	_____	_____	_____
P16	_____	_____	_____	_____	_____
P17	_____	_____	_____	_____	_____
P18	_____	_____	_____	_____	_____
P19	_____	_____	_____	_____	_____
P20	_____	_____	_____	_____	_____

U.S.T. #1 TR # 2183



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2064	2066	PSI
(B) First Initial Flow Pressure	34	39	PSI
(C) First Final Flow Pressure	46	51	PSI
(D) Initial Closed-in Pressure	371	371	PSI
(E) Second Initial Flow Pressure	46	48	PSI
(F) Second Final Flow Pressure	69	63	PSI
(G) Final Closed-in Pressure	371	367	PSI
(H) Final Hydrostatic Mud	2043	2048	PSI