

Company Juniper Petroleum Corporation Lease & Well No. Ralph Baker #32-35
 Elevation - Formation - Effective Pay - Ft. Ticket No. 11877
 Date 11/28/81 Sec. 35 Twp. 34S Range 20W County Comanche State Kansas
 Test Approved by Steve Marden Western Representative Louis Spencer
 Formation Test No. 1 Interval Tested from 4526 ft. to 4592 ft. Total Depth 4592 ft.
 Packer Depth 4521 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4526 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4546 ft. Recorder Number 11019 Cap. 4500
 Bottom Recorder Depth (Outside) 4549 ft. Recorder Number 1560 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Aldebaran Drill Collar Length 279 I. D. 2.25 in.
 Mud Type Monpac Viscosity 51 Weight Pipe Length - I. D. - in.
 Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 4219 I. D. 3.2 in.
 Chlorides 10,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 13029 Anchor Length 66 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 3 1/2 in.

Blow: _____

Recovered _____ ft. of
 Recovered _____ ft. of
 Recovered _____ ft. of
 Recovered _____ ft. of
 Recovered _____ ft. of

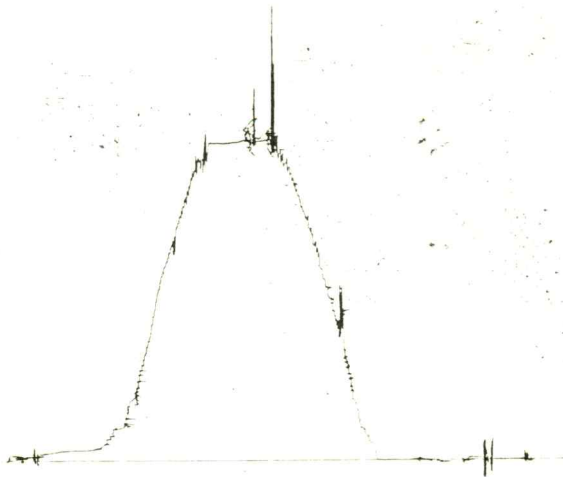
Remarks: Hit bridge 14 stands from bottom. Couldn't go past it - cam up with tool.

MISRUN - NO PRESSURES AVAILABLE

Time Set	Packer(s)	A.M. P.M.	Time Started	Off Bottom	A.M. P.M.	Maximum Temperature
Initial Hydrostatic Pressure	(A)	-	P.S.I.			
Initial Flow Period	Minutes	(B)	-	P.S.I. to (C)	-	P.S.I.
Initial Closed In Period	Minutes	(D)	-	P.S.I.		
Final Flow Period	Minutes	(E)	-	P.S.I. to (F)	-	P.S.I.
Final Closed In Period	Minutes	(G)	-	P.S.I.		
Final Hydrostatic Pressure	(H)	-	P.S.I.			

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TKT # 11877
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Company Juniper Petroleum Corporation Lease & Well No. Ralph Baker #32-35
Elevation - Formation - Effective Pay - Ft. Ticket No. 11878
Date 11/29/81 Sec. 35 Twp. 34S Range 20W County Comanche State Kansas
Test Approved by Steve Marden Western Representative Louis Spencer
Formation Test No. 2 Interval Tested from 4526 ft. to 4592 ft. Total Depth 4592 ft.
Packer Depth 4521 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4526 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4546 ft. Recorder Number 11019 Cap. 4500
Bottom Recorder Depth (Outside) 4549 ft. Recorder Number 1560 Cap. 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Aldebaran Drill Collar Length 279 I. D. 2.25 in.
Mud Type Monpac Viscosity 51 Weight Pipe Length - I. D. - in.
Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 4219 I. D. 3.2 in.
Chlorides 10,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
Jars: Make WTC Serial Number 13029 Anchor Length 66 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 3 1/2 in.

Blow: Initial flow period good. Final flow period. fair.

Recovered 460 ft. of mud
Recovered 240 ft. of muddy water Chlorides 78,000 PPM

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: Slid tool 20 ft.

Time Set Packer(s) 6:25 ~~AM~~ P.M. Time Started Off Bottom 10:25 ~~AM~~ P.M. Maximum Temperature 123

Initial Hydrostatic Pressure (A) 2243 P.S.I.
Initial Flow Period Minutes 20 (B) 215* P.S.I. to (C) 339* P.S.I.
Initial Closed In Period Minutes 60 (D) 1801 P.S.I.
Final Flow Period Minutes 45 (E) 351* P.S.I. to (F) 379 P.S.I.
Final Closed In Period Minutes 120 (G) 1799 P.S.I.
Final Hydrostatic Pressure (H) 2230 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 11/29/81 Test Ticket No. 11878
 Recorder No. 11019 Capacity 4500 Location 4546 Ft.
 Clock No. - Elevation - Well Temperature 123 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2243 P.S.I.	6:25P	M
B First Initial Flow Pressure	215* P.S.I.	15 Mins.	20 Mins.
C First Final Flow Pressure	339* P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1801 P.S.I.	45 Mins.	45 Mins.
E Second Initial Flow Pressure	351* P.S.I.	120 Mins.	120 Mins.
F Second Final Flow Pressure	379 P.S.I.		
G Final Closed-in Pressure	1799 P.S.I.		
H Final Hydrostatic Mud	2230 P.S.I.		

*Pressures questionable due to plugging action.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>40</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>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 0	215*	0	339*	0	351*	0	379
P 2 5	317*	3	1362	5	354*	3	1278
P 3 10	328*	6	1509	10	359	6	1414
P 4 15	323*	9	1588	15	362	9	1489
P 5 20	339*	12	1629	20	366	12	1538
P 6		15	1661	25	368	15	1572
P 7		18	1687	30	370	18	1602
P 8		21	1709	35	372	21	1621
P 9		24	1726	40	376	24	1638
P10		27	1740	45	379	27	1658
P11		30	1751			30	1675
P12		33	1760			33	1690
P13		36	1769			36	1701
P14		39	1774			39	1710
P15		42	1780			42	1719
P16		45	1785			45	1726
P17		48	1790			48	1733
P18		51	1794			51	1740
P19		54	1799			54	1744
P20		57	1801			57	1748
WTC - 4		60	1801			60	1752

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WESTERN TESTING CO., INC.

Pressure Data

Date 11/29/81 Test Ticket No. 11878
 Recorder No. 11019 Capacity 4500 Location 4546 Ft.
 Clock No. - Elevation - Well Temperature 123 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2243 P.S.I.	6:25P	M
B First Initial Flow Pressure	215* P.S.I.	15 Mins.	20 Mins.
C First Final Flow Pressure	339* P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1801 P.S.I.	45 Mins.	45 Mins.
E Second Initial Flow Pressure	351* P.S.I.	120 Mins.	120 Mins.
F Second Final Flow Pressure	379 P.S.I.		
G Final Closed-in Pressure	1799 P.S.I.		
H Final Hydrostatic Mud	2230 P.S.I.		

*Pressures questionable due to plugging action.

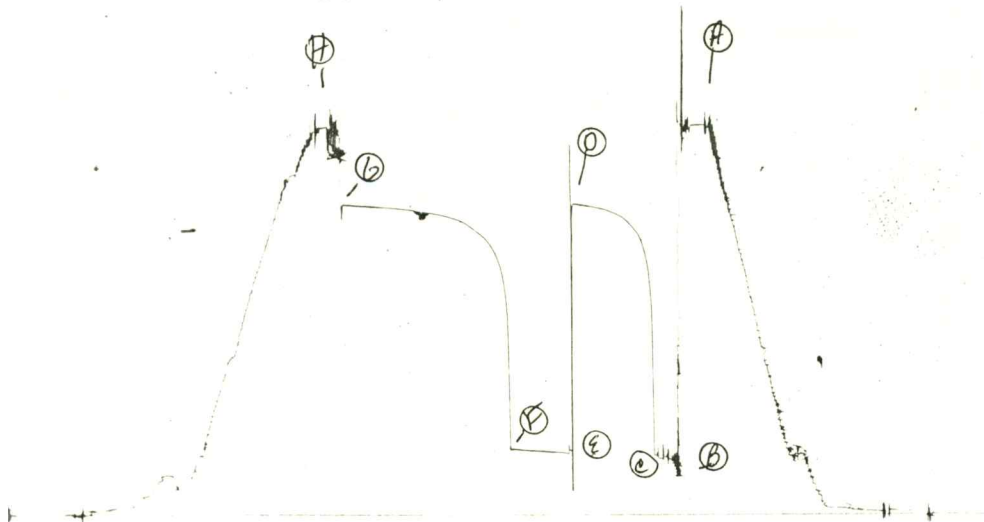
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>40</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>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	1756
P 2						66	1760
P 3						69	1764
P 4						72	1767
P 5						75	1770
P 6						78	1773
P 7						81	1776
P 8						84	1779
P 9						87	1781
P10						90	1783
P11						93	1785
P12						96	1787
P13						99	1789
P14						102	1791
P15						105	1793
P16						108	1795
P17						111	1796
P18						114	1797
P19						117	1798
P20						120	1799

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1019

TKT # 11878
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Company Juniper Petroleum Corporation Lease & Well No. Ralph Baker #32-35

Elevation -- Formation Swope Effective Pay - Ft. Ticket No. 11879

Date 12/1 /81 Sec. 35 Twp. 34S Range 30W County Comanche State Kansas

Test Approved by Steve Marden Western Representative L. Spencer

Formation Test No. 3 Interval Tested from 4735 ft. to 4826 ft. Total Depth 4826 ft.

Packer Depth 4730 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4735 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4745 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4823 ft. Recorder Number 4332 Cap. 4150

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

Drilling Contractor Aldebaran Drlg. Rig Drill Collar Length 540 I. D. 2.25 in.

Mud Type monpac Viscosity 50 Weight Pipe Length - I. D. - in.

Weight 9.2 Water Loss 10.4 cc. Drill Pipe Length 4167 I. D. 3 in.

Chlorides 14,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 13029 Anchor Length 91 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 3 1/2 in.

Blow: Initial flow period good; off bottom in five minutes. Final flow period fair; died in twenty-five minutes.

Recovered 850 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:25 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 10:40 ~~P.M.~~ ^{A.M.} Maximum Temperature 126°

Initial Hydrostatic Pressure 2320 (A) P.S.I.

Initial Flow Period 15 Minutes (B) 130 P.S.I. to (C) 341 P.S.I.

Initial Closed In Period 60 Minutes (D) 1928 P.S.I.

Final Flow Period 60 Minutes (E) 387 P.S.I. to (F) 435 P.S.I.

Final Closed In Period 126 Minutes (G) 1819 P.S.I.

Final Hydrostatic Pressure 2320 (H) P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12/1/81 Test Ticket No. 11879
 Recorder No. 2606 Capacity 4150 Location 2745 Ft.
 Clock No. - Elevation - Well Temperature 126 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2320 P.S.I.	6:25A	M
B First Initial Flow Pressure	130 P.S.I.	15 Mins.	15 Mins.
C First Final Flow Pressure	341 P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1928 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	387 P.S.I.	120 Mins.	126 Mins.
F Second Final Flow Pressure	435 P.S.I.		
G Final Closed-in Pressure	1819 P.S.I.		
H Final Hydrostatic Mud	2320 P.S.I.		

Pressures questionable due to communication around packer.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In		
Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: <u>42</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	0	130	0	341	0	387	0	435
P 2	5	264	3	1750	5	396	3	1502
P 3	10	319	6	1751	10	417	6	1505
P 4	15	341	9	1751	15	427	9	1505
P 5			12	1754	20	430	12	1505
P 6			15	1759	25	433	15	1509
P 7			18	1762	30	435	18	1512
P 8			21	1775	35	435	21	1516
P 9			24	1790	40	435	24	1529
P10			27	1805	45	435	27	1544
P11			30	1819	50	435	30	1557
P12			33	1834	55	435	33	1571
P13			36	1846	60	435	36	1586
P14			39	1857			39	1599
P15			42	1870			42	1611
P16			45	1880			45	1622
P17			48	1892			48	1634
P18			51	1903			51	1645
P19			54	1914			54	1653
P20			57	1921			57	1664
			60	1928			60	1675

WESTERN TESTING CO., INC.

Pressure Data

Date 12/1/81 Test Ticket No. 11879

Recorder No. 2606 Capacity 4150 Location 2745 Ft.

Clock No. - Elevation - Well Temperature 126 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2320 P.S.I.	6:25A	M
B First Initial Flow Pressure	130 P.S.I.	15 Mins.	15 Mins.
C First Final Flow Pressure	341 P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1928 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	387 P.S.I.	120 Mins.	126 Mins.
F Second Final Flow Pressure	435 P.S.I.		
G Final Closed-in Pressure	1819 P.S.I.		
H Final Hydrostatic Mud	2320 P.S.I.		

Pressures questionable due to communication around packer.

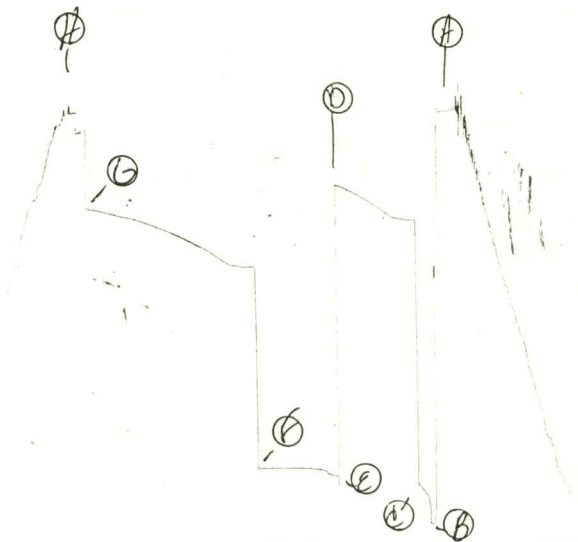
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>42</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>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	1685
P 2						66	1695
P 3						69	1704
P 4						72	1712
P 5						75	1722
P 6						78	1732
P 7						81	1740
P 8						84	1747
P 9						87	1754
P10						90	1762
P11						93	1767
P12						96	1772
P13						99	1776
P14						102	1781
P15						105	1787
P16						108	1793
P17						111	1798
P18						114	1804
P19						117	1809
P20						120	1812
						123	1817
						126	1819

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2606

TK # 11879
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Company Juniper Petroleum Corporation Lease & Well No. Ralph Baker #32-35
Elevation -- Formation Swope Effective Pay - Ft. Ticket No. 11880
Date 12/ 2/81 Sec. 35 Twp. 34S Range 30W County Comanche State Kansas
Test Approved by Steve Marden Western Representative L. Spencer
Formation Test No. 4 Interval Tested from 4796 ft. to 4826 ft. Total Depth 4826 ft.
Packer Depth 4757 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4762 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4816 ft. Recorder Number 2606 Cap. 4150
Bottom Recorder Depth (Outside) 4819 ft. Recorder Number 4332 Cap. 4150
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Aldebaran Drlg. Rig Drill Collar Length 600 I. D. 2.25 in.
Mud Type monpac Viscosity 55 Weight Pipe Length - I. D. - in.
Weight 9.2 Water Loss 9.6 cc. Drill Pipe Length 4168 I. D. 3 in.
Chlorides 8,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
Jars: Make WTC Serial Number 13029 Anchor Length 30 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 3 1/2 in.

Blow: MISRUN

Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks: PACKER FAILURE MISRUN

Time Set Packer(s) A.M. Time Started Off Bottom A.M. Maximum Temperature P.M.
Initial Hydrostatic Pressure 2357 (A) P.S.I.
Initial Flow Period Minutes (B) - P.S.I. to (C) - P.S.I.
Initial Closed In Period Minutes (D) - P.S.I.
Final Flow Period Minutes (E) - P.S.I. to (F) - P.S.I.
Final Closed In Period Minutes (G) - P.S.I.
Final Hydrostatic Pressure 2357 (H) P.S.I.

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TK # 11880
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