

Company Palomino Petroleum Lease & Well No. Betz "C" #5
 Elevation 2332 Kelly Bushing Mississippi - Ft. Scott Effective Pay - Ft. Ticket No. 14477
 Date 1/ 26/82 Sec. 8 Twp. 20S Range 24W County Ness State Kansas
 Test Approved by Steve Robbins Western Representative Doug Clore
 Formation Test No. 1 Interval Tested from 4266 ft. to 4400 ft. Total Depth 4400 ft.
 Packer Depth 4261 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4266 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4283 ft. Recorder Number 4339 Cap. 4300
 Bottom Recorder Depth (Outside) 4286 ft. Recorder Number 3473 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Strata Drlg. Rig #1 Drill Collar Length - I. D. - in.
 Mud Type starch Viscosity 46 Weight Pipe Length - I. D. - in.
 Weight 9.6 Water Loss 12.4 cc. Drill Pipe Length - I. D. - in.
 Chlorides 24,000 P.P.M. Test Tool Length 23 ft. Tool Size 4 1/2 in.
 Jars: Make No Serial Number - Anchor Length 134 ft. Size 5 1/2 in.
 Did Well Flow? - Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size - in.

Blow: Initial flow period weak to strong blow in eight minutes. Final flow period weak to strong blow in fifteen minutes.

Recovered	<u>206</u>	ft. of	<u>gassy oil cut mud</u>	<u>oil 20%;water 5% ; gas 5% ;mud 65%</u>
Recovered	<u>558</u>	ft. of	<u>gassy mud cut oil</u>	<u>oil 50%; gas 5%;mud 45%</u>
Recovered	<u>186</u>	ft. of	<u>gassy oil cut mud</u>	<u>oil 20%;gas 20%;mud 60%</u>
Recovered		ft. of		
Recovered		ft. of		

Remarks: _____

Time Set	<u>1:30</u>	<u>A.M.</u>	Time Started Off Bottom	<u>3:30</u>	<u>A.M.</u>	Maximum Temperature	<u>120°</u>
Initial Hydrostatic Pressure			(A)	<u>2288</u>		P.S.I.	
Initial Flow Period			Minutes	<u>30</u>	(B)	<u>66</u>	P.S.I. to (C) <u>295</u> P.S.I.
Initial Closed In Period			Minutes	<u>30</u>	(D)	<u>1059</u>	P.S.I.
Final Flow Period			Minutes	<u>30</u>	(E)	<u>307</u>	P.S.I. to (F) <u>434</u> P.S.I.
Final Closed In Period			Minutes	<u>30</u>	(G)	<u>979</u>	P.S.I.
Final Hydrostatic Pressure			(H)	<u>2266</u>		P.S.I.	

WESTERN TESTING CO., INC.

Pressure Data

Date 1/26/82

Test Ticket No. 14477

Recorder No. 4339 Capacity 4300 Location 4283 Ft.

Clock No. -- Elevation 2332 Kelly Bushing Well Temperature 120 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2288	P.S.I.	1:30P	M
B First Initial Flow Pressure	66	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	295	P.S.I.	30	Mins. 30 Mins.
D Initial Closed-in Pressure	1059	P.S.I.	30	Mins. 30 Mins.
E Second Initial Flow Pressure	307	P.S.I.	30	Mins. 30 Mins.
F Second Final Flow Pressure	434	P.S.I.		
G Final Closed-in Pressure	979	P.S.I.		
H Final Hydrostatic Mud	2266	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>6</u> Inc.		Breakdown: <u>10</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 <u>0</u>	<u>66</u>	<u>0</u>	<u>295</u>	<u>0</u>	<u>307</u>	<u>0</u>	<u>434</u>
P 2 <u>5</u>	<u>109</u>	<u>3</u>	<u>935</u>	<u>5</u>	<u>334</u>	<u>3</u>	<u>857</u>
P 3 <u>10</u>	<u>155</u>	<u>6</u>	<u>971</u>	<u>10</u>	<u>359</u>	<u>6</u>	<u>886</u>
P 4 <u>15</u>	<u>202</u>	<u>9</u>	<u>991</u>	<u>15</u>	<u>389</u>	<u>9</u>	<u>904</u>
P 5 <u>20</u>	<u>220</u>	<u>12</u>	<u>1004</u>	<u>20</u>	<u>405</u>	<u>12</u>	<u>919</u>
P 6 <u>25</u>	<u>273</u>	<u>15</u>	<u>1013</u>	<u>25</u>	<u>425</u>	<u>15</u>	<u>931</u>
P 7 <u>30</u>	<u>295</u>	<u>18</u>	<u>1024</u>	<u>30</u>	<u>434</u>	<u>18</u>	<u>945</u>
P 8		<u>21</u>	<u>1034</u>			<u>21</u>	<u>955</u>
P 9		<u>24</u>	<u>1044</u>			<u>24</u>	<u>965</u>
P10		<u>27</u>	<u>1053</u>			<u>27</u>	<u>973</u>
P11		<u>30</u>	<u>1059</u>			<u>30</u>	<u>979</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

4339

TKT # 14477

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DST #1
Palomino Oil
Betz CHS

