

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Ryan Seib
 Petroleum Geologist
 815 E. Tepala
 Ness City, KS 67550
 (785) 798-5398

GEOLOGIST'S REPORT
 DRILLING TIME AND SAMPLE LOG

OPERATOR: Abilene Petroleum Inc.
 LEASE: AMJ # 2
 ELEVATION: 2449'

FIELD: 310' ELL + 410' ELL
 SEC: 29 TWP: 14S RGE: 24E
 COUNTY: Greene STATE: KS

CONTRACTOR: D. L. Long
 COMPANY: CHRP-3442
 DATE: 11/30/12 LOG TO: 4428'

MEASUREMENTS ARE ALL FROM KB
 CINCINNATI RECORD
 SURFACE: 0.51" @
 REPRODUCTION: 5 1/2"

WELL LOG SHEET NO. 01, 02, 1
 M.C.O.

FORMATION	TOP LOG	THICKNESS	TEST	DEPTH	STRAIGHT
Atchafalaya	1453	4.5	206	1530	(1530)
Harlem	1455	2	206	1532	(1532)
Harlem	1457	2	206	1534	(1534)
Harlem	1459	2	206	1536	(1536)
Harlem	1461	2	206	1538	(1538)
Harlem	1463	2	206	1540	(1540)
Harlem	1465	2	206	1542	(1542)
Harlem	1467	2	206	1544	(1544)
Harlem	1469	2	206	1546	(1546)
Harlem	1471	2	206	1548	(1548)
Harlem	1473	2	206	1550	(1550)
Harlem	1475	2	206	1552	(1552)
Harlem	1477	2	206	1554	(1554)
Harlem	1479	2	206	1556	(1556)
Harlem	1481	2	206	1558	(1558)
Harlem	1483	2	206	1560	(1560)
Harlem	1485	2	206	1562	(1562)
Harlem	1487	2	206	1564	(1564)
Harlem	1489	2	206	1566	(1566)
Harlem	1491	2	206	1568	(1568)
Harlem	1493	2	206	1570	(1570)
Harlem	1495	2	206	1572	(1572)
Harlem	1497	2	206	1574	(1574)
Harlem	1499	2	206	1576	(1576)
Harlem	1501	2	206	1578	(1578)
Harlem	1503	2	206	1580	(1580)
Harlem	1505	2	206	1582	(1582)
Harlem	1507	2	206	1584	(1584)
Harlem	1509	2	206	1586	(1586)
Harlem	1511	2	206	1588	(1588)
Harlem	1513	2	206	1590	(1590)
Harlem	1515	2	206	1592	(1592)
Harlem	1517	2	206	1594	(1594)
Harlem	1519	2	206	1596	(1596)
Harlem	1521	2	206	1598	(1598)
Harlem	1523	2	206	1600	(1600)
Harlem	1525	2	206	1602	(1602)
Harlem	1527	2	206	1604	(1604)
Harlem	1529	2	206	1606	(1606)
Harlem	1531	2	206	1608	(1608)
Harlem	1533	2	206	1610	(1610)
Harlem	1535	2	206	1612	(1612)
Harlem	1537	2	206	1614	(1614)
Harlem	1539	2	206	1616	(1616)
Harlem	1541	2	206	1618	(1618)
Harlem	1543	2	206	1620	(1620)
Harlem	1545	2	206	1622	(1622)
Harlem	1547	2	206	1624	(1624)
Harlem	1549	2	206	1626	(1626)
Harlem	1551	2	206	1628	(1628)
Harlem	1553	2	206	1630	(1630)
Harlem	1555	2	206	1632	(1632)
Harlem	1557	2	206	1634	(1634)
Harlem	1559	2	206	1636	(1636)
Harlem	1561	2	206	1638	(1638)
Harlem	1563	2	206	1640	(1640)
Harlem	1565	2	206	1642	(1642)
Harlem	1567	2	206	1644	(1644)
Harlem	1569	2	206	1646	(1646)
Harlem	1571	2	206	1648	(1648)
Harlem	1573	2	206	1650	(1650)
Harlem	1575	2	206	1652	(1652)
Harlem	1577	2	206	1654	(1654)
Harlem	1579	2	206	1656	(1656)
Harlem	1581	2	206	1658	(1658)
Harlem	1583	2	206	1660	(1660)
Harlem	1585	2	206	1662	(1662)
Harlem	1587	2	206	1664	(1664)
Harlem	1589	2	206	1666	(1666)
Harlem	1591	2	206	1668	(1668)
Harlem	1593	2	206	1670	(1670)
Harlem	1595	2	206	1672	(1672)
Harlem	1597	2	206	1674	(1674)
Harlem	1599	2	206	1676	(1676)
Harlem	1601	2	206	1678	(1678)
Harlem	1603	2	206	1680	(1680)
Harlem	1605	2	206	1682	(1682)
Harlem	1607	2	206	1684	(1684)
Harlem	1609	2	206	1686	(1686)
Harlem	1611	2	206	1688	(1688)
Harlem	1613	2	206	1690	(1690)
Harlem	1615	2	206	1692	(1692)
Harlem	1617	2	206	1694	(1694)
Harlem	1619	2	206	1696	(1696)
Harlem	1621	2	206	1698	(1698)
Harlem	1623	2	206	1700	(1700)
Harlem	1625	2	206	1702	(1702)
Harlem	1627	2	206	1704	(1704)
Harlem	1629	2	206	1706	(1706)
Harlem	1631	2	206	1708	(1708)
Harlem	1633	2	206	1710	(1710)
Harlem	1635	2	206	1712	(1712)
Harlem	1637	2	206	1714	(1714)
Harlem	1639	2	206	1716	(1716)
Harlem	1641	2	206	1718	(1718)
Harlem	1643	2	206	1720	(1720)
Harlem	1645	2	206	1722	(1722)
Harlem	1647	2	206	1724	(1724)
Harlem	1649	2	206	1726	(1726)
Harlem	1651	2	206	1728	(1728)
Harlem	1653	2	206	1730	(1730)
Harlem	1655	2	206	1732	(1732)
Harlem	1657	2	206	1734	(1734)
Harlem	1659	2	206	1736	(1736)
Harlem	1661	2	206	1738	(1738)
Harlem	1663	2	206	1740	(1740)
Harlem	1665	2	206	1742	(1742)
Harlem	1667	2	206	1744	(1744)
Harlem	1669	2	206	1746	(1746)
Harlem	1671	2	206	1748	(1748)
Harlem	1673	2	206	1750	(1750)
Harlem	1675	2	206	1752	(1752)
Harlem	1677	2	206	1754	(1754)
Harlem	1679	2	206	1756	(1756)
Harlem	1681	2	206	1758	(1758)
Harlem	1683	2	206	1760	(1760)
Harlem	1685	2	206	1762	(1762)
Harlem	1687	2	206	1764	(1764)
Harlem	1689	2	206	1766	(1766)
Harlem	1691	2	206	1768	(1768)
Harlem	1693	2	206	1770	(1770)
Harlem	1695	2	206	1772	(1772)
Harlem	1697	2	206	1774	(1774)
Harlem	1699	2	206	1776	(1776)
Harlem	1701	2	206	1778	(1778)
Harlem	1703	2	206	1780	(1780)
Harlem	1705	2	206	1782	(1782)
Harlem	1707	2	206	1784	(1784)
Harlem	1709	2	206	1786	(1786)
Harlem	1711	2	206	1788	(1788)
Harlem	1713	2	206	1790	(1790)
Harlem	1715	2	206	1792	(1792)
Harlem	1717	2	206	1794	(1794)
Harlem	1719	2	206	1796	(1796)
Harlem	1721	2	206	1798	(1798)
Harlem	1723	2	206	1800	(1800)
Harlem	1725	2	206	1802	(1802)
Harlem	1727	2	206	1804	(1804)
Harlem	1729	2	206	1806	(1806)
Harlem	1731	2	206	1808	(1808)
Harlem	1733	2	206	1810	(1810)
Harlem	1735	2	206	1812	(1812)
Harlem	1737	2	206	1814	(1814)
Harlem	1739	2	206	1816	(1816)
Harlem	1741	2	206	1818	(1818)
Harlem	1743	2	206	1820	(1820)
Harlem	1745	2	206	1822	(1822)
Harlem	1747	2	206	1824	(1824)
Harlem	1749	2	206	1826	(1826)
Harlem	1751	2	206	1828	(1828)
Harlem	1753	2	206	1830	(1830)
Harlem	1755	2	206	1832	(1832)
Harlem	1757	2	206	1834	(1834)
Harlem	1759	2	206	1836	(1836)
Harlem	1761	2	206	1838	(1838)
Harlem	1763	2	206	1840	(1840)
Harlem	1765	2	206	1842	(1842)
Harlem	1767	2	206	1844	(1844)
Harlem	1769	2	206	1846	(1846)
Harlem	1771	2	206	1848	(1848)
Harlem	1773	2	206	1850	(1850)
Harlem	1775	2	206	1852	(1852)
Harlem	1777	2	206	1854	(1854)
Harlem	1779	2	206	1856	(1856)
Harlem	1781	2	206	1858	(1858)
Harlem	1783	2	206	1860	(1860)
Harlem	1785	2	206	1862	(1862)
Harlem	1787	2	206	1864	(1864)
Harlem	1789	2	206	1866	(1866)
Harlem	1791	2	206	1868	(1868)
Harlem	1793	2	206	1870	(1870)
Harlem	1795	2	206	1872	(1872)
Harlem	1797	2	206	1874	(1874)
Harlem	1799	2	206	1876	(1876)
Harlem	1801	2	206	1878	(1878)
Harlem	1803	2	206	1880	(1880)
Harlem	1805	2	206	1882	(1882)
Harlem	1807	2	206	1884	(1884)
Harlem	1809	2	206	1886	(1886)
Harlem	1811	2	206	1888	(1888)
Harlem	1813	2	206	1890	(1890)
Harlem	1815	2	206	1892	(1892)
Harlem	1817	2	206	1894	(1894)
Harlem	1819	2	206	1896	(1896)
Harlem	1821	2	206	1898	(1898)
Harlem	1823	2	206	1900	(1900)
Harlem	1825	2	206	1902	(1902)
Harlem	1827	2	206	1904	(1904)
Harlem	1829	2	206	1906	(1906)
Harlem	1831	2	206	1908	(1908)
Harlem	1833	2	206	1910	(1910)
Harlem	1835</				



Remit To: Hurricane Services, Inc.
 250 N. Water, Suite 200
 Wichita, KS 67202
 316-303-9515

Customer:
 PALOMINO PETROLEUM INC
 4924 SE 84TH ST
 NEWTON, KS 67114-8827

Invoice Date: 2/26/2022
 Invoice #: 0358964
 Lease Name: MMJ
 Well #: 2 (New)
 County: Gove, Ks
 Job Number: WP2457
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	200.000	18.400	3,680.00
Heavy Eq Mileage	57.000	3.680	209.76
Light Eq Mileage	57.000	1.840	104.88
Ton Mileage	564.300	1.380	778.73
Cement Blending & Mixing	200.000	1.288	257.60
Depth Charge 0'-500'	1.000	920.000	920.00

Total 5,950.97

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

WE APPRECIATE YOUR BUSINESS!



Remit To: Hurricane Services, Inc.
 250 N. Water, Suite 200
 Wichita, KS 67202
 316-303-9515

Customer:
 PALOMINO PETROLEUM INC
 4924 SE 84TH ST
 NEWTON, KS 67114-8827

Invoice Date: 3/6/2022
 Invoice #: 0359267
 Lease Name: MMJ
 Well #: 2 (New)
 County: Gove, Ks
 Job Number: WP2488
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Port Collar	0.000	0.000	0.00
H-CON	125.000	19.320	2,415.00
H-Long	100.000	25.760	2,576.00
Mud flush	500.000	0.920	460.00
Light Eq Mileage	60.000	2.000	120.00
Heavy Eq Mileage	60.000	4.000	240.00
Ton Mileage	604.000	1.500	906.00
Depth Charge 4001'-5000'	1.000	2,300.000	2,300.00
Cement Data Acquisition	1.000	230.000	230.00
Cement plug container	1.000	230.000	230.00
Cement Blending & Mixing	225.000	1.288	289.80
Liquid KCL Substitute 2	10.000	18.400	184.00
Cement baskets 5 1/2"	1.000	276.000	276.00
5 1/2" Turbolizers	12.000	115.000	1,380.00
5 1/2" Floatshoe-Flapper AFU	1.000	345.000	345.00
5 1/2" Port Collar	1.000	3,220.000	3,220.00
5 1/2" LD Plug & Baffle	1.000	322.000	322.00

Total 15,493.80

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

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WE APPRECIATE YOUR BUSINESS!



Customer	Palomino Petroleum	Lease & Well #	MMJ #2	Date	3/6/2022
Service District	Oakley KS	County & State	Gove KS	Legals S/T/R	Job #
Job Type	Port collar	<input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	Ticket #

Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			
78	Jesse J	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging
230	Michael R	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection
242	Charles	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input checked="" type="checkbox"/> Specific Job Sequence/Expectations
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
		<input checked="" type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
CP025	H-Con	sack	125.00	\$2,415.00
CP030	H-Long	sack	100.00	\$2,576.00
CP170	Mud Flush	gal	500.00	\$460.00
M015	Light Equipment Mileage	mi	60.00	\$120.00
M010	Heavy Equipment Mileage	mi	60.00	\$240.00
M020	Ton Mileage	tm	604.00	\$906.00
D015	Depth Charge: 4001'-5000'	job	1.00	\$2,300.00
C035	Cement Data Acquisition	job	1.00	\$230.00
C050	Cement Plug Container	job	1.00	\$230.00
C060	Cement Blending & Mixing Service	sack	225.00	\$289.80
AF056	Liquid KCL Substitute 2	gal	10.00	\$184.00
FE130	5 1/2" Cement Basket	ea	1.00	\$276.00
FE135	5 1/2 Turbolizer	ea	12.00	\$1,380.00
FE145	5 1/2" Float Shoe - AFU Flapper Type	ea	1.00	\$345.00
FE165	5 1/2" Port Collar	ea	1.00	\$3,220.00
FE170	5 1/2" Latch Down Plug & Baffle	ea	1.00	\$322.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Net:	\$15,493.80
Based on this job, how likely is it you would recommend HSI to a colleague?		Total Taxable	\$ -
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		Tax Rate:	
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely		Sale Tax:	\$ -
		Total:	\$ 15,493.80
		HSI Representative: <i>Jesse Jones</i>	

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



CEMENT TREATMENT REPORT

Customer: Palomino Petroleum	Well: MMJ #2	Ticket: WP-2488
City, State: Oakley KS	County: Gove KS	Date: 3/6/2022
Field Rep: Dalton Popp	S-T-R:	Service: Port collar

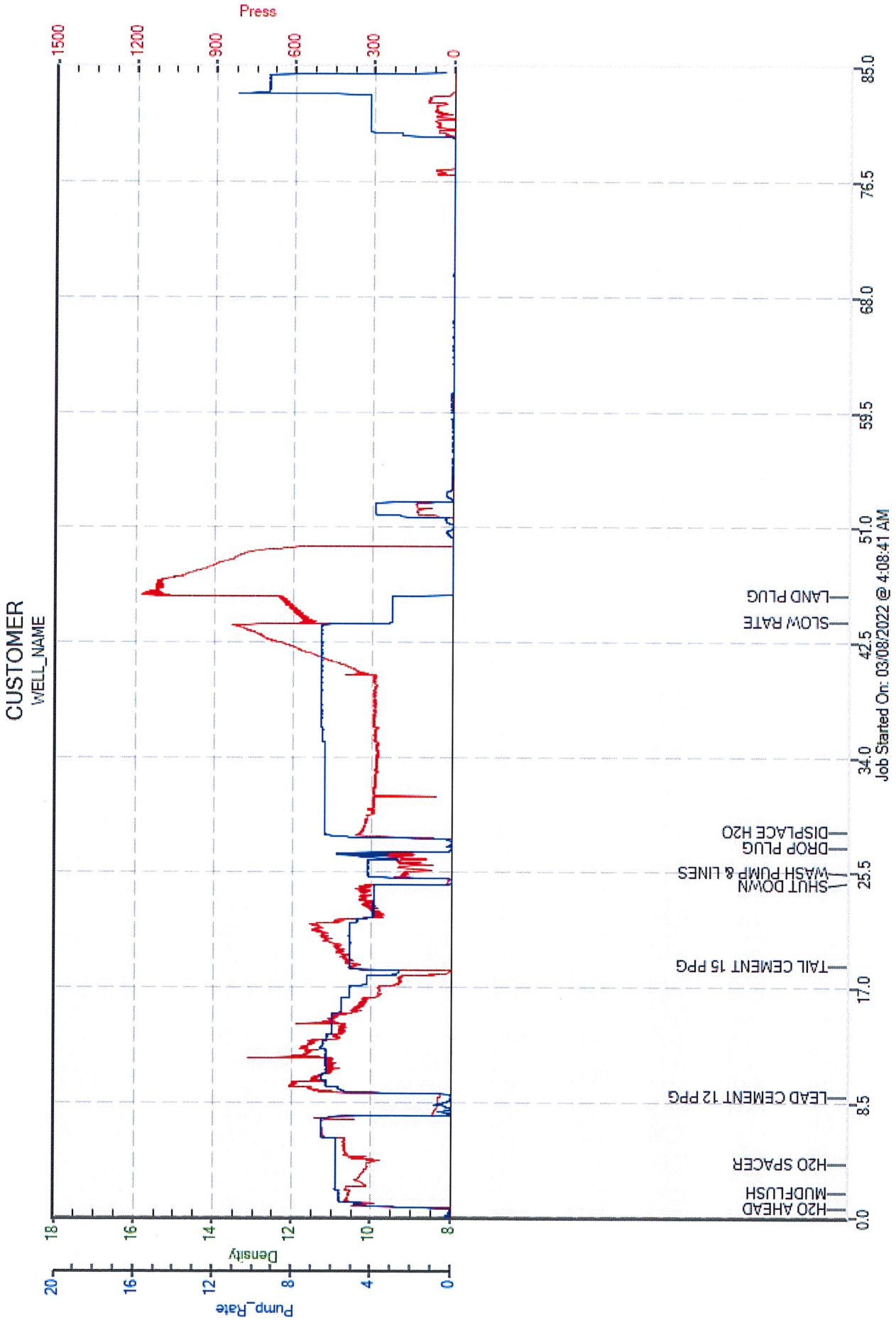
Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	4428 ft
Casing Size:	5 1/2 in
Casing Depth:	4423 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	Port Collar
Tool Depth:	1958 ft
Displacement:	106.6 bbls

Calculated Slurry - Lead	
Blend:	H-Con
Weight:	12.2 ppg
Water / Sx:	13.5 gal / sx
Yield:	2.32 ft ³ / sx
Annular Bbls / Ft.:	0.0309 bbs / ft.
Depth:	4423 ft
Annular Volume:	136.7 bbls
Excess:	
Total Slurry:	51.6 bbls
Total Sacks:	125 sx

Calculated Slurry - Tail	
Blend:	H-Long
Weight:	15 ppg
Water / Sx:	6.2 gal / sx
Yield:	1.36 ft ³ / sx
Annular Bbls / Ft.:	0.0309 bbs / ft.
Depth:	4423 ft
Annular Volume:	136.6707 bbls
Excess:	
Total Slurry:	24.2 bbls
Total Sacks:	100 sx

TIME	RATE	PSI	BBLs	STAGE TOTAL BBLs	REMARKS
11:55p			-	-	Arrival
12:00a				-	Safety meeting
1:45a				-	Run float equipment
3:49a				-	Rig up 5 1/2 head and pump
3:55a				-	Drop ball
4:10a				-	Circulate hole for one hour
6:25a	5.6	350.0	5.0	5.0	H2O ahead
6:27a	5.8	320.0	12.0	17.0	Mixed mud flush
6:29a	5.8	370.0	20.0	37.0	Mixed KCL
6:37a	6.4	490.0	51.6	88.6	Mixed 125 sks of H-Con @ 12.2 ppg @ 4423'
6:39a	6.4	490.0	8.2	96.8	Mixed 20 sks @ 12.2 ppg @ Rathole
6:41a	6.4	480.0	6.3		Mixed 15 sks @ 12.2 ppg @ Mouse hole
6:43a	5.0	500.0	24.2		Mixed 100 sks of H-Long @ 15 ppg @ 4423'
6:49a					Wash up pump and lines
6:50a					Drop plug
6:52a	6.6	290.0	106.6		Displace H2O
7:10a					Land plug
7:13a					Wash up pump and lines
7:20a					Rig down
7:45a					Depart location
					Port Collar on collar of 60 and Pin of 61 Depth 1958'
					Turbos-1,2,3,4,5,6,7,8,9,61
					Basket-60
					Shoe Joint - 42.36

CREW		UNIT	SUMMARY		
Cementer:	Jesse J	78	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Michael R	230	6.0 bpm	411 psi	234 bbls
Bulk #1:	Charles	242			
Bulk #2:					





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

MMJ #2

29-14S-26W Gove,KS

Start Date: 2022.03.03 @ 05:30:00

End Date: 2022.03.03 @ 12:08:09

Job Ticket #: 68041 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.03.09 @ 14:48:44



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc

29-14S-26W Gove,KS

4924 SE 84th St
New ton, KS 67114

MMJ #2

Job Ticket: 68041

DST#: 1

ATTN: Ryan Seib

Test Start: 2022.03.03 @ 05:30:00

GENERAL INFORMATION:

Formation: **LKC " G "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:00:00

Time Test Ended: 12:08:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 82

Interval: 3810.00 ft (KB) To 3878.00 ft (KB) (TVD)

Reference Elevations: 2449.00 ft (KB)

Total Depth: 3878.00 ft (KB) (TVD)

2441.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 1121.68 psig @ 3811.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.03.03

End Date: 2022.03.03

Last Calib.: 2022.03.03

Start Time: 05:30:01

End Time: 12:08:10

Time On Btm: 2022.03.03 @ 07:59:10

Time Off Btm: 2022.03.03 @ 09:25:30

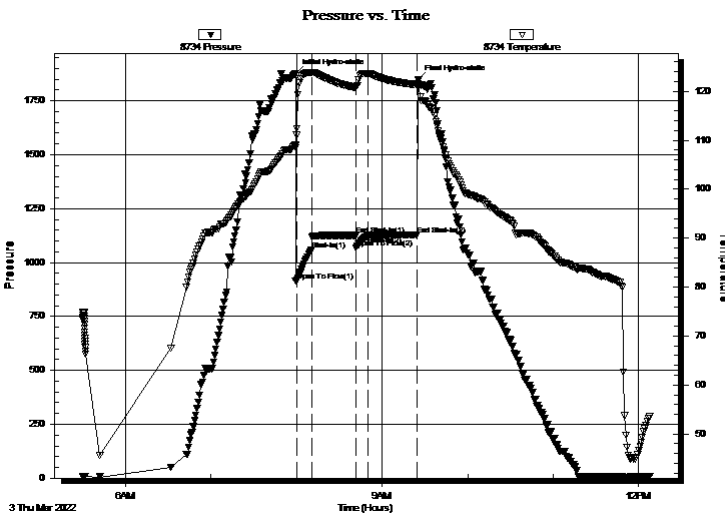
TEST COMMENT: 10-IF-B.O.B (11 inches) @ 30 secs (blow increased to 307")

30-ISI-No return

10-FF-B.O.B @ 1 min (blow increased to 91 3/4")

30-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1876.93	108.95	Initial Hydro-static
1	914.82	111.03	Open To Flow (1)
12	1058.02	123.83	Shut-In(1)
43	1126.56	120.78	End Shut-In(1)
43	1069.04	120.80	Open To Flow (2)
52	1121.68	123.60	Shut-In(2)
86	1126.90	121.28	End Shut-In(2)
87	1846.87	121.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1535.00	SW 100%W	21.53
500.00	MCW 21%M, 79%W	7.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

29-14S-26W Gove,KS

4924 SE 84th St
New ton, KS 67114

MMJ #2

Job Ticket: 68041

DST#: 1

ATTN: Ryan Seib

Test Start: 2022.03.03 @ 05:30:00

Tool Information

Drill Pipe:	Length: 3789.00 ft	Diameter: 3.80 inches	Volume: 53.15 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	78000.00 lb
			<u>Total Volume: 53.15 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3810.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	68.00 ft				
Tool Length:	96.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3783.00	
Shut In Tool	5.00			3788.00	
Hydraulic tool	5.00	1113		3793.00	
Jars	5.00	01-07		3798.00	
Safety Joint	3.00	-001		3801.00	
Packer	5.00			3806.00	28.00 Bottom Of Top Packer
Packer	4.00			3810.00	
Stubb	1.00			3811.00	
Recorder	0.00	8959	Inside	3811.00	
Recorder	0.00	8734	Outside	3811.00	
Perforations	28.00			3839.00	
Change Over Sub	1.00			3840.00	
Drill Pipe	32.00			3872.00	
Change Over Sub	1.00			3873.00	
Bullnose	5.00			3878.00	68.00 Bottom Packers & Anchor

Total Tool Length: 96.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

29-14S-26W Gove,KS

4924 SE 84th St
New ton, KS 67114

MMJ #2

Job Ticket: 68041

DST#: 1

ATTN: Ryan Seib

Test Start: 2022.03.03 @ 05:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

28000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1535.00	SW 100%W	21.532
500.00	MCW 21%M, 79%W	7.014

Total Length: 2035.00 ft Total Volume: 28.546 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

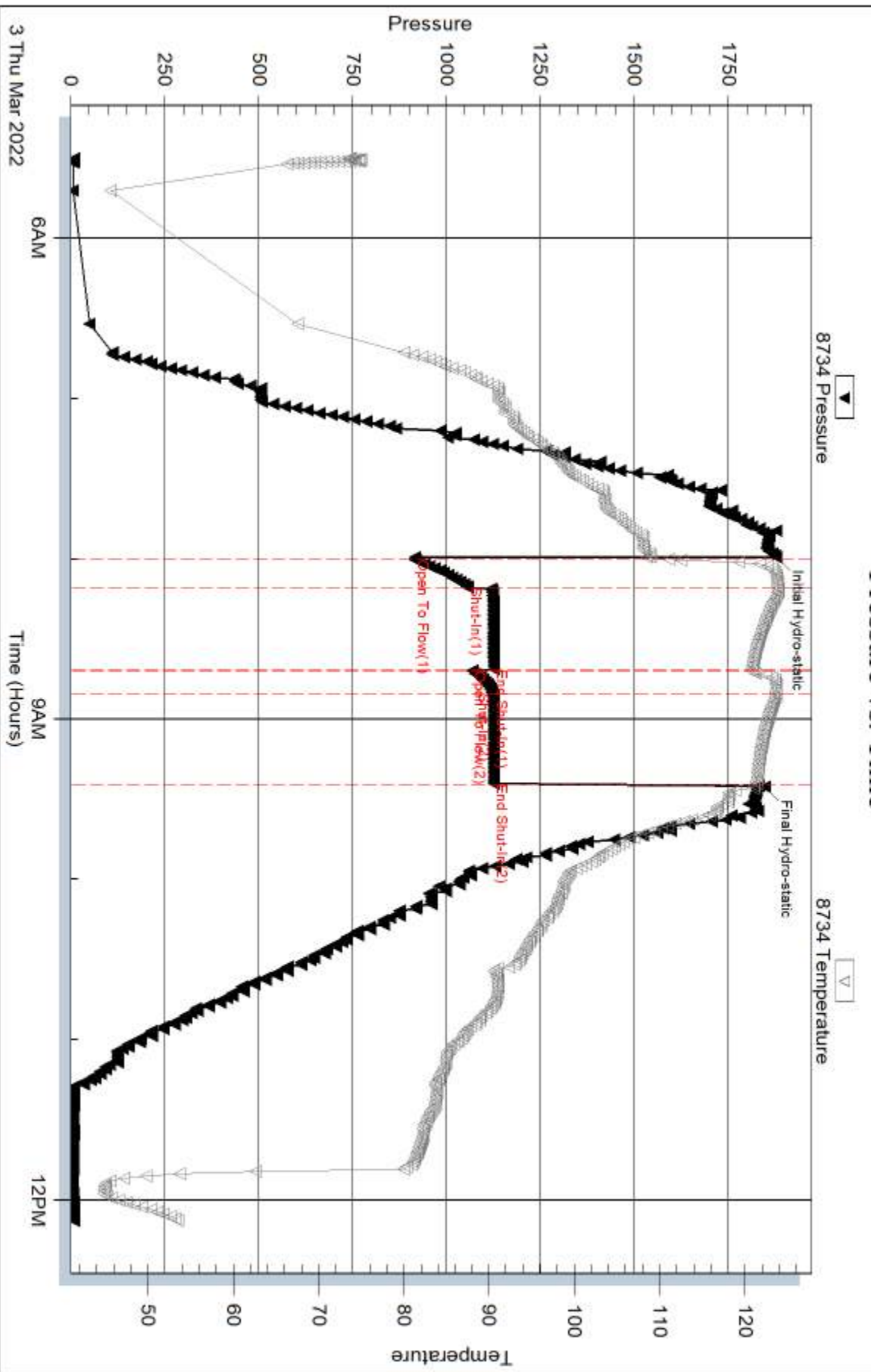
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.362 @ 49.0 degs = 28,000 PPM

Pressure vs. Time



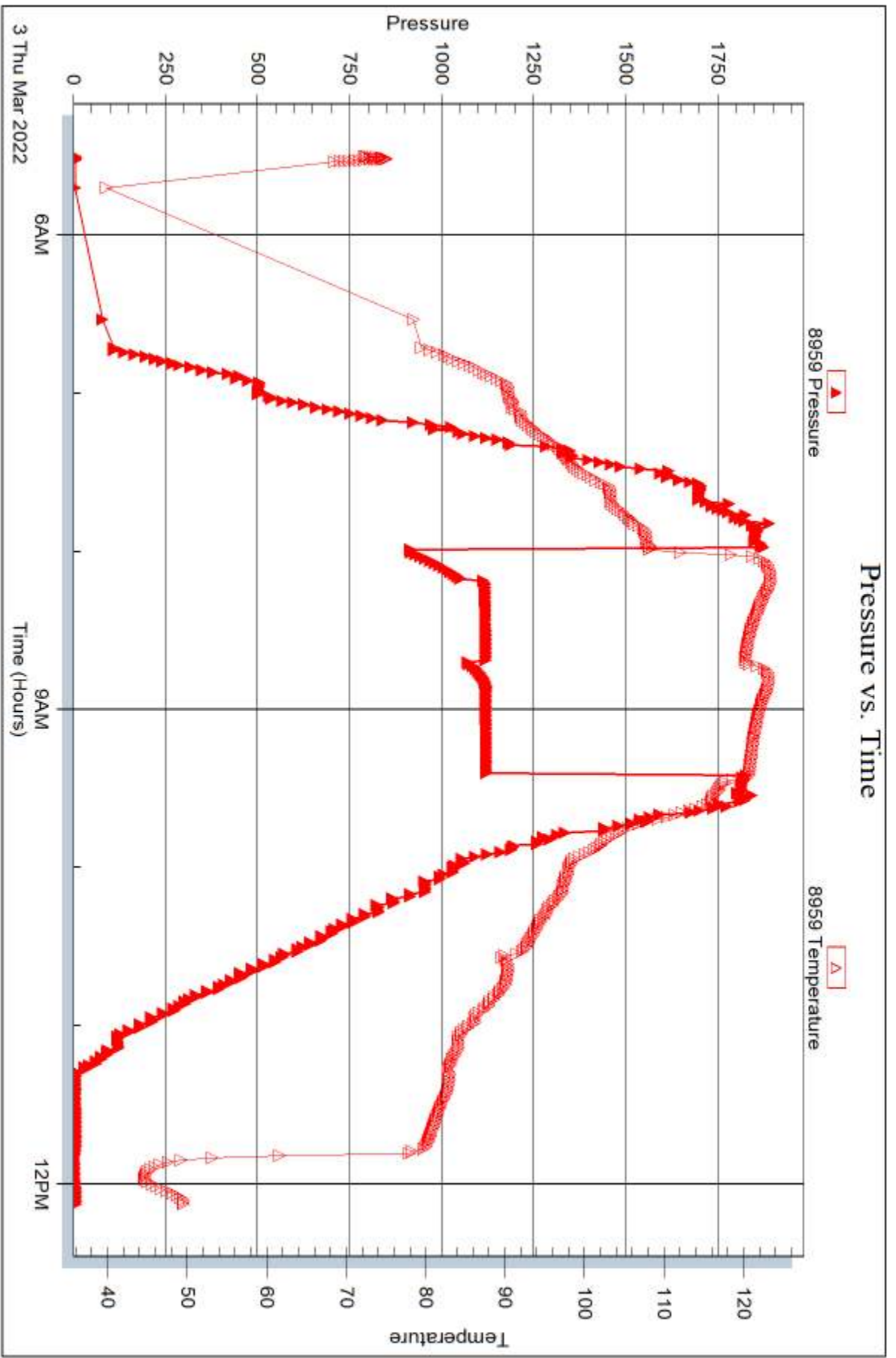
Serial #: 8959

Inside

Palomino Petroleum Inc

MMU #2

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68041

Printed: 2022.03.09 @ 14:48:47



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

MMJ #2

29-14S-26W Gove,KS

Start Date: 2022.03.04 @ 00:40:00

End Date: 2022.03.04 @ 07:50:30

Job Ticket #: 68042 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.03.09 @ 14:48:15



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum Inc
 4924 SE 84th St
 New ton, KS 67114
 ATTN: Ryan Seib

29-14S-26W Gove,KS

MMJ #2

Job Ticket: 68042

DST#: 2

Test Start: 2022.03.04 @ 00:40:00

GENERAL INFORMATION:

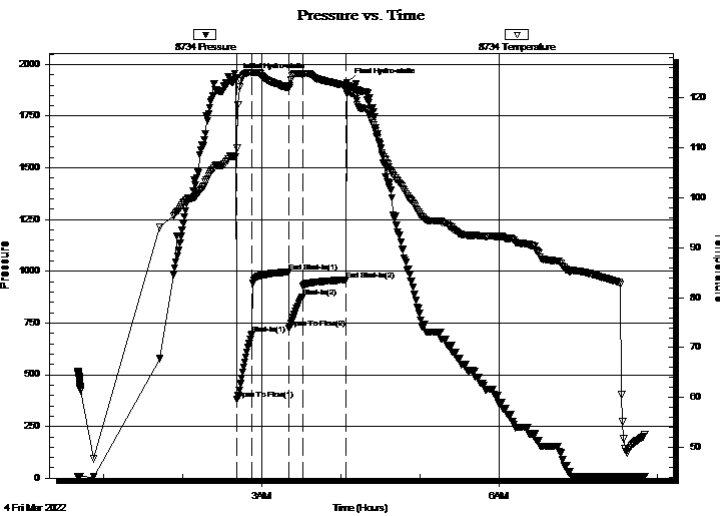
Formation: **LKC "H - J"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:41:00
 Time Test Ended: 07:50:30
 Interval: **3880.00 ft (KB) To 3977.00 ft (KB) (TVD)**
 Total Depth: 3977.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 2449.00 ft (KB)
 2441.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8734

Outside

Press@RunDepth: 877.17 psig @ 3881.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.03.04 End Date: 2022.03.04 Last Calib.: 2022.03.04
 Start Time: 00:40:01 End Time: 07:50:30 Time On Btm: 2022.03.04 @ 02:40:20
 Time Off Btm: 2022.03.04 @ 04:04:40

TEST COMMENT: 10-IF-B.O.B (11 inches) @ 45 secs (blow increased to 141 3/4")
 30-ISI-Return blow built to 1 1/4"
 10-FF-B.O.B @ 1 min (blow increased to 78 1/4")
 30-FSI-Return blow @ 6 mins and maintained surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1934.06	108.24	Initial Hydro-static
1	380.40	109.91	Open To Flow (1)
12	698.00	124.98	Shut-In(1)
40	996.38	121.90	End Shut-In(1)
41	723.95	121.98	Open To Flow (2)
51	877.17	124.76	Shut-In(2)
84	958.90	122.40	End Shut-In(2)
85	1912.85	121.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1000.00	SW 100% W	14.03
430.00	HMCW 32%M, 68%W	6.03

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

29-14S-26W Gove,KS

4924 SE 84th St
New ton, KS 67114

MMJ #2

Job Ticket: 68042

DST#: 2

ATTN: Ryan Seib

Test Start: 2022.03.04 @ 00:40:00

Tool Information

Drill Pipe:	Length: 3885.00 ft	Diameter: 3.80 inches	Volume: 54.50 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	68000.00 lb
			<u>Total Volume: 54.50 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	3880.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	97.00 ft				
Tool Length:	125.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3853.00	
Shut In Tool	5.00			3858.00	
Hydraulic tool	5.00	1113		3863.00	
Jars	5.00	01-07		3868.00	
Safety Joint	3.00	-001		3871.00	
Packer	5.00			3876.00	28.00 Bottom Of Top Packer
Packer	4.00			3880.00	
Stubb	1.00			3881.00	
Recorder	0.00	8959	Inside	3881.00	
Recorder	0.00	8734	Outside	3881.00	
Perforations	28.00			3909.00	
Change Over Sub	1.00			3910.00	
Drill Pipe	61.00			3971.00	
Change Over Sub	1.00			3972.00	
Bullnose	5.00			3977.00	97.00 Bottom Packers & Anchor

Total Tool Length: 125.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

29-14S-26W Gove,KS

4924 SE 84th St
New ton, KS 67114

MMJ #2

Job Ticket: 68042

DST#: 2

ATTN: Ryan Seib

Test Start: 2022.03.04 @ 00:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

20000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1000.00	SW 100% W	14.027
430.00	HMCW 32%M, 68%W	6.032

Total Length: 1430.00 ft Total Volume: 20.059 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

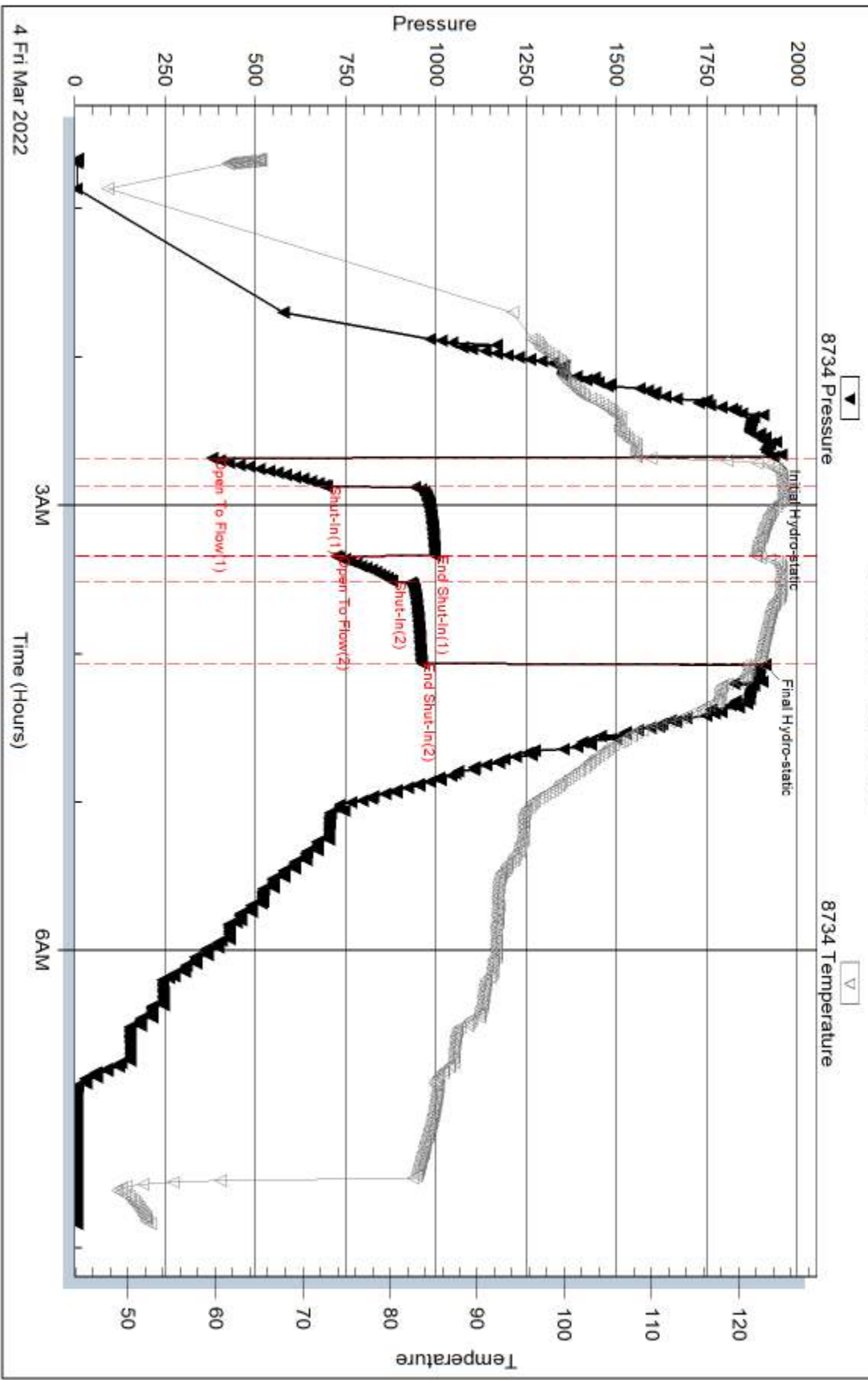
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.457 @ 50.2 degs = 20,000 PPM

Pressure vs. Time



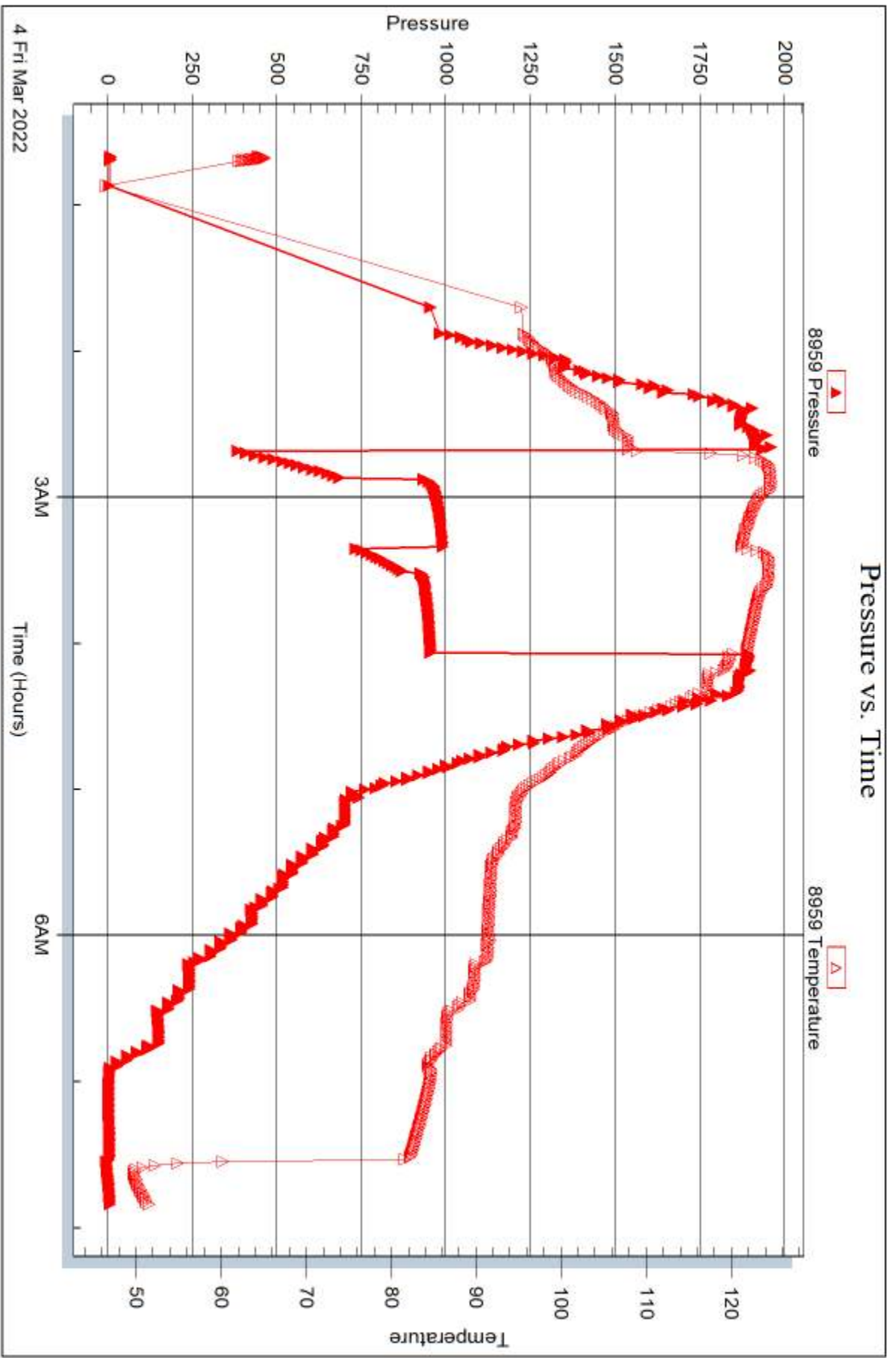
Serial #: 8959

Inside

Palomino Petroleum Inc

MMU #2

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68042

Printed: 2022.03.09 @ 14:48:16



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

MMJ #2

29-14S-26W Gove,KS

Start Date: 2022.03.05 @ 14:43:00

End Date: 2022.03.05 @ 23:09:30

Job Ticket #: 68043 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.03.09 @ 14:33:42



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc

29-14S-26W Gove,KS

4924 SE 84th St
New ton, KS 67114

MMJ #2

Job Ticket: 68043

DST#: 3

ATTN: Ryan Seib

Test Start: 2022.03.05 @ 14:43:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:38:10

Time Test Ended: 23:09:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4250.00 ft (KB) To 4343.00 ft (KB) (TVD)

Reference Elevations: 2449.00 ft (KB)

Total Depth: 4343.00 ft (KB) (TVD)

2441.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8734 Outside

Press@RunDepth: 156.11 psig @ 4251.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.03.05 End Date: 2022.03.05

Last Calib.: 2022.03.05

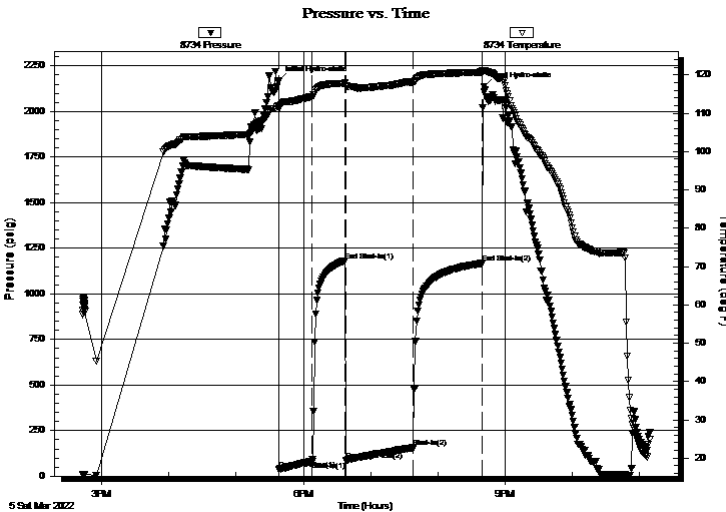
Start Time: 14:43:01 End Time: 23:09:30

Time On Btm: 2022.03.05 @ 17:37:40

Time Off Btm: 2022.03.05 @ 20:41:20

TEST COMMENT: 30-IF- B.O.B (11 inches) @ 26 mins (blow increased to 12 1/4"
30-ISI-No return
60-FF-B.O.B @ 39 mins (blow increased to 17 1/2")
60-FSI-No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.47	112.06	Initial Hydro-static
1	37.25	111.42	Open To Flow (1)
31	82.27	114.35	Shut-In(1)
60	1181.18	117.81	End Shut-In(1)
61	84.65	117.23	Open To Flow (2)
121	156.11	118.06	Shut-In(2)
182	1167.52	120.70	End Shut-In(2)
184	2138.31	121.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
340.00	GHMCO 21%G, 36%M, 43%O	4.77
20.00	CGO 5%G, 95%O	0.28

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

29-14S-26W Gove,KS

4924 SE 84th St
New ton, KS 67114

MMJ #2

Job Ticket: 68043

DST#: 3

ATTN: Ryan Seib

Test Start: 2022.03.05 @ 14:43:00

Tool Information

Drill Pipe:	Length: 4228.00 ft	Diameter: 3.80 inches	Volume: 59.31 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 59.31 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	4250.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	93.00 ft				
Tool Length:	121.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4223.00	
Shut In Tool	5.00			4228.00	
Hydraulic tool	5.00	1113		4233.00	
Jars	5.00	01-07		4238.00	
Safety Joint	3.00	-001		4241.00	
Packer	5.00			4246.00	28.00 Bottom Of Top Packer
Packer	4.00			4250.00	
Stubb	1.00			4251.00	
Recorder	0.00	8959	Inside	4251.00	
Recorder	0.00	8734	Outside	4251.00	
Perforations	24.00			4275.00	
Change Over Sub	1.00			4276.00	
Drill Pipe	61.00			4337.00	
Change Over Sub	1.00			4338.00	
Bullnose	5.00			4343.00	93.00 Bottom Packers & Anchor

Total Tool Length: 121.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

29-14S-26W Gove,KS

4924 SE 84th St
New ton, KS 67114

MMJ #2

Job Ticket: 68043

DST#: 3

ATTN: Ryan Seib

Test Start: 2022.03.05 @ 14:43:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36.4 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
340.00	GHMCO 21%G, 36%M, 43%O	4.769
20.00	CGO 5%G, 95%O	0.281

Total Length: 360.00 ft Total Volume: 5.050 bbl

Num Fluid Samples: 0

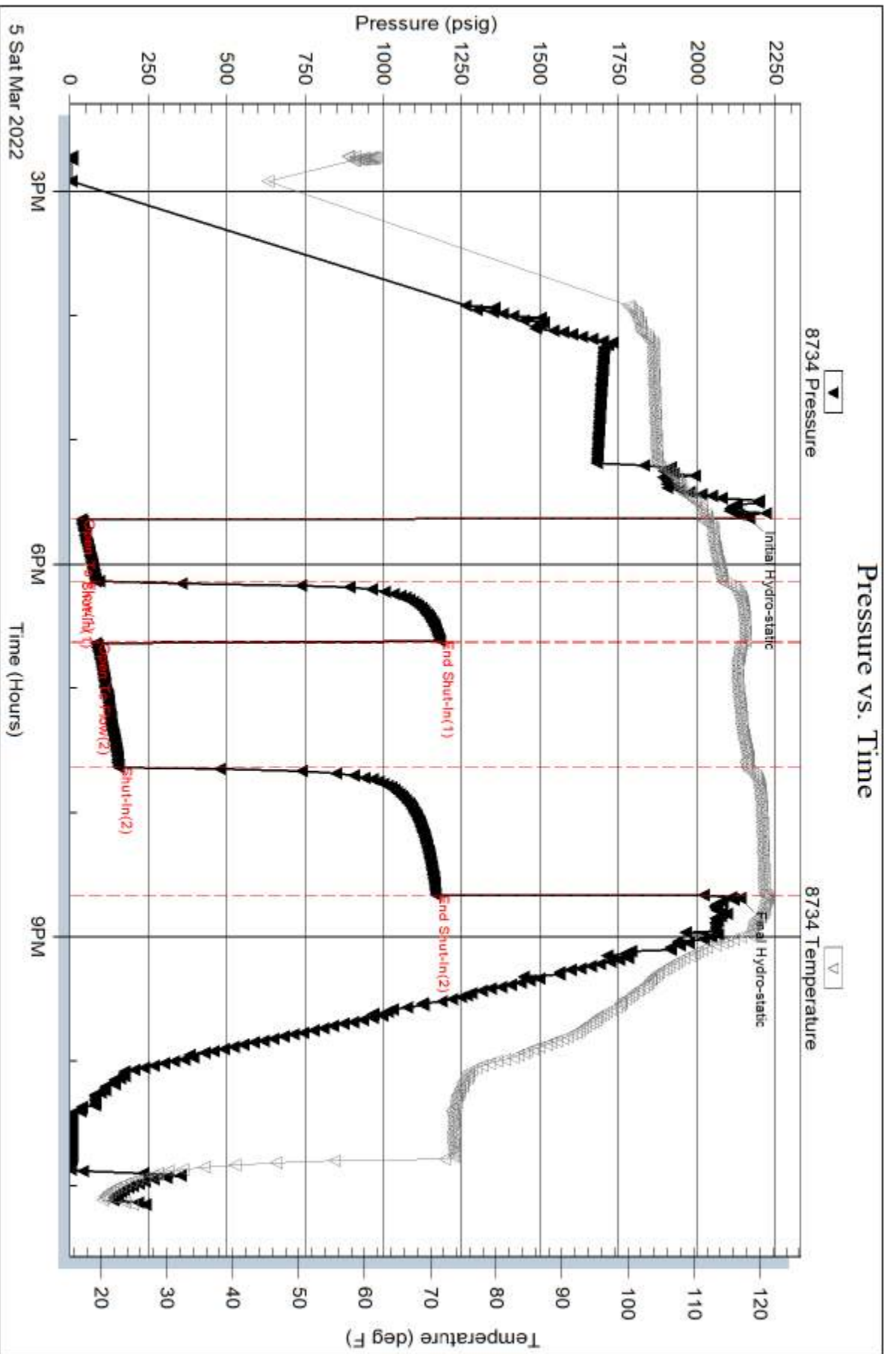
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 32.6 @ 22 degs corrected to 36.4 @ 60 degs



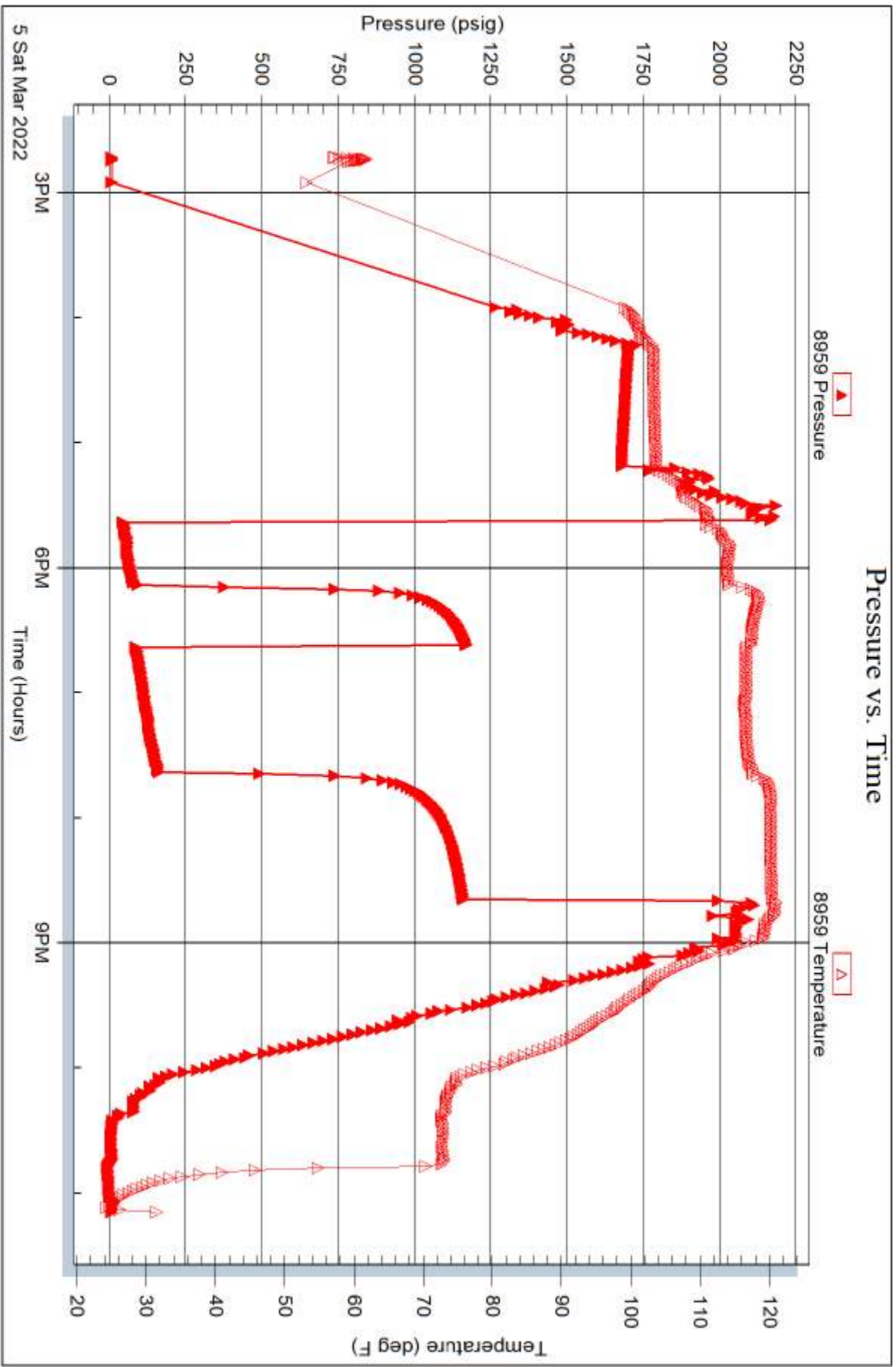
Serial #: 8959

Inside

Palomino Petroleum Inc

MMU #2

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 68043

Printed: 2022.03.09 @ 14:33:45



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68041**

Well Name & No. MMJ #2 Test No. 1 Date 3-3-22
 Company Palomian Petroleum Inc. Elevation 2449 KB 2441 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Ryan Seib Rig Duke #2.
 Location: Sec. 29 Twp 14S. Rge. 26W. Co. Grove State KO

Interval Tested 3810-3878 Zone Tested Lansing "G"
 Anchor Length 68' Drill Pipe Run 3789 Mud Wt. 8.8
 Top Packer Depth 3805 Drill Collars Run — Vis 53
 Bottom Packer Depth 3810 Wt. Pipe Run — WL 6.4
 Total Depth 3878 Chlorides 1700 ppm System LCM 2#

Blow Description IF-B.o.B (11 inches) @ 30 secs (blow increased to 307")
ISI - No return.
FF-B.o.B @ 1 min (blow increased to 91 3/4")
FST - No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1535</u>	<u>Sw</u>		<u>100</u>		
<u>500</u>	<u>MCW</u>		<u>79</u>	<u>21</u>	

Rec Total 2035 BHT 121 Gravity — API RW 362 @ 49.0 °F Chlorides 28,000 ppm

(A) Initial Hydrostatic <u>1877</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>04:30</u>
(B) First Initial Flow <u>915</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>05:30</u>
(C) First Final Flow <u>1058</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>08:00</u>
(D) Initial Shut-In <u>1127</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>09:20</u>
(E) Second Initial Flow <u>1069</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>12:08</u>
(F) Second Final Flow <u>1122</u>	<input checked="" type="checkbox"/> Mileage <u>124 RT</u> 155	Comments
(G) Final Shut-In <u>1127</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1847</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool
Initial Open <u>10</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1780</u>
	Sub Total <u>1780</u>	MP/DST Disc't

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68042

Well Name & No. MMS #2 Test No. 2 Date 3-4-72
 Company Palomino Petroleum Inc. Elevation 2449 KB 2441 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Ryan Seib Rig Duke #2.
 Location: Sec. 29 Twp 14S. Rge. 26W. Co. Croce State KS

Interval Tested 3880 - 3977 Zone Tested Lansing "H-J"
 Anchor Length 97' Drill Pipe Run 3885 Mud Wt. 9.1
 Top Packer Depth 3875 Drill Collars Run — Vis 54
 Bottom Packer Depth 3880 Wt. Pipe Run — WL 8.0
 Total Depth 3977 Chlorides 2300 ppm System LCM 2#

Blow Description IF - B.o.B (11 inches) @ 43 secs (blow increased to 141 3/4")
ISI - Return blow @ 7 mins built to 1 1/4"
FF - B.o.B @ 1 min (blow increased to 78 1/4")
FSI - Return blow @ 6 mins maintained surface blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1000</u>	<u>Sw</u>		<u>100</u>		
<u>430</u>	<u>HMCW</u>		<u>68</u>	<u>32</u>	

Rec Total 1430 BHT 121 Gravity — API RW 475 @ 50.2 °F Chlorides 20,000 ppm

(A) Initial Hydrostatic <u>1934</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>00:40</u>
(B) First Initial Flow <u>380</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>01:05</u>
(C) First Final Flow <u>698</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>03:05</u>
(D) Initial Shut-In <u>996</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>04:25</u>
(E) Second Initial Flow <u>724</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>08:15</u>
(F) Second Final Flow <u>877</u>	<input checked="" type="checkbox"/> Mileage <u>124 RT</u> <u>155</u>	Comments
(G) Final Shut-In <u>959</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1913</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool
Initial Open <u>10</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1780</u>
	Sub Total <u>1780</u>	MP/DST Disc't

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68043**

Well Name & No. MMS #2 Test No. 3 Date 3-5-22
 Company Palomino Petroleum, Inc. Elevation 2449 KB 2441 GL
 Address 4924 SE 84th St Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig Duke #2
 Location: Sec. 29 Twp 14S Rge. 26W Co. Gove State KS

Interval Tested 4250 - 4343 Zone Tested Miss
 Anchor Length 93' Drill Pipe Run 4228 Mud Wt. 9.4
 Top Packer Depth 4245 Drill Collars Run --- Vis 69
 Bottom Packer Depth 4250 Wt. Pipe Run --- WL 8.8
 Total Depth 4343 Chlorides 3500 ppm System LCM 2#

Blow Description IF: B.O.B (11 inches) @ 26 mins (blow increased to 12 1/4")
ISI: No return
FF: B.O.B @ 39 mins (blow increased to 17 1/2")
FSF: No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>340</u>	<u>GHMC0</u>	<u>21</u>	<u>43</u>	<u>36</u>	
<u>20</u>	<u>CG0</u>	<u>5</u>	<u>95</u>		

Rec Total 360 BHT 121 Gravity 36.4 API RW --- @ --- °F Chlorides --- ppm

- (A) Initial Hydrostatic 2166
- (B) First Initial Flow 37
- (C) First Final Flow 82
- (D) Initial Shut-In 1181
- (E) Second Initial Flow 85
- (F) Second Final Flow 156
- (G) Final Shut-In 1168
- (H) Final Hydrostatic 2138

- Test 1450
- Jars 250
- Safety Joint 75
- Circ Sub
- Hourly Standby
- Mileage 124 RT X 2 310
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby 1d 6h
- Accessibility
- Sub Total 2085

- T-On Location 14:20
- T-Started 14:43
- T-Open 17:38
- T-Pulled 20:38
- T-Out 23:10
- Comments Tools loaded @
16:45 3-6-22.
- EM Tool
- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total 200
- Total 2285
- MP/DST Disc't

Initial Open 30
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 60

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