

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	GODFREY- WESSEL UNIT 1-32
Doc ID	1673287

All Electric Logs Run

Dual Induction Log
Borehole Compensated Sonic Log
Dual Comp Porosity Log
Mircoresistivity Log

Form	ACO1 - Well Completion
Operator	Landmark Resources, Inc.
Well Name	GODFREY- WESSEL UNIT 1-32
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Tops

Name	Top	Datum
Anhydrite	2520	265
B/Anhydrite	2557	229
Topeka	3703	-919
Heebner	3902	-1117
Toronto	3931	-1146
Lansing	3943	-1161
C	3973	-1189
D	3985	-1199
E	3998	-1215
F	4003	-1221
G	4026	-1243
Muncie Creek	4054	-1266
H	4057	-1277
I	4085	-1299
J	4100	-1314
Stark Shale	4111	-1326
K	4123	-1341
L	4146	-1361
BKC	4160	-1374
Marmaton	4199	-1416
Altamont	4222	-1434
Pawnee	4272	-1483
Fort Scott	4301	-1513
Cherokee	4333	-1548

Form	ACO1 - Well Completion
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Well Name	GODFREY- WESSEL UNIT 1-32
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Tops

Name	Top	Datum
Morrow Shale	4417	-1631
Missippian	4481	-1697

Form	ACO1 - Well Completion
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Well Name	GODFREY- WESSEL UNIT 1-32
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Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	306	Class A	250	3% CaCl 2% gel
Production	7.875	5.50	15.50	4512	Class A	165	Standard
Production	7.875	5.50	15.50	2517	Class A	350	60/40 Poz 8% gel Flocele

Terry McLeod

Consulting Geologist

P.O. Box 503

Wichita, Kansas 67201

316-640-2440

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

OPERATOR Landmark Resources Unit Godfrey-Lessell WELL NO. 1-32
 LEASE Godfrey
 FIELD Godfrey
 LOCATION 1875' ENL + 269' FUL
 SEC. 32 TWP. 6S RGE. 28W
 COUNTY Sheridan STATE Kansas

ELEVATION
 KB 2785'
 DF 2780'
 GL 2780'
 Measurements Are All
 From KB

CASING RECORD

SURFACE 8 5/8" @ 306'
W 1 250 SX
 PRODUCTION 5 1/2"

CONTRACTOR Murfin Drilling Co. Rig # 8
 COMM. 8-19-2022 COMP. 8-27-2022
 RTD 4540' LOG TO 4539'
 SAMPLES SAVED FROM 3600' TO RTD
 DRILLING TIME KEPT FROM 3400' TO RTD
 SAMPLES EXAMINED FROM 3600' TO RTD
 GEOLOGICAL SUPERVISION FROM 3503' TO RTD
 MUD UP 3400' TYPE MUD Chemical

ELECTRICAL SURVEYS
 Induced wireline
 Dual Induction
 Density Neutron
 Microlog - Sonic
 BHV - Computer log

R28W

32

T 6 S

REFERENCE WELL FOR STRUCTURAL COMPARISON Landmark Resources
Godfrey "A" 1-32, 1207' ENL + 573' FUL. Sec 32-6S-28W, 2789 KB

DATE	DEPTH	NO	SIZE	NAME	TYPE
8-18-22	miat	A	12 1/4	HTC	tooth
8-19-22	Spud well	1	7 7/8	Smith	md silc
8-20-22	900' Surf Cg	2	7 7/8	Smith	ezziyv
8-21-22	2915' d1q 1/2				
8-22-22	3740' d1q 1)				
8-23-22	3964' d1q 1 2)				
8-24-22	3980' d1q 2				
8-24-22	4036' d1q 3				
8-25-22	4077' d1q 4				
8-26-22	4143' d1q 5				
8-27-22	4540' RTD 6)				
	ELog				
	Pipe run				

FORMATION	INTERVAL	DESCRIPTION OF SHOW
Lansing "A"	3946-51	Limestone, tan, fine yln + SL + foss. 2 pieces had black stain in foss. No free oil, N
Lansing "C"	3973-80	Limestone tan, fine yln, w/ + dric brown pat stain in + foss. No oil strong odor
Lansing "G"	4030-37	Limestone, tan, fine yln + foss. w/ scattered foss. No odor
Lansing "H"	4065-74	Limestone, tan, fine yln + foss. w/ scattered foss. No odor
Lansing "J"	4101-04	Limestone, tan, fine yln + foss. w/ scattered foss. No odor

McLeod05

DEPTH

5" 10" 15" 20" 25"

LOG

SAMPLE DESCRIPTIONS

REMARKS

2510

20

Anhydrite

2520 + 265

30

40

50

2560

Base Anhydrite

2557 + 228

3400

10

20

30

40

50

60

70

80

90

3500

10

20

30

40

50

BIT TRIP @ 3477'

60
70
80
90
3600
Stoller
3573 - 188

shale drk Gry
ls tan - Gry. sh. foss
N.S.

ls. tan - Gry. fn. xln
sh. foss, pr. N.S.

ls. Gry - Crm. fn. xln
light EX. sh. foss N.S.
chky

shale Gry + mar

shale Gry - mar

ls. Crm - Gry. fn. xln
light EX. N.S.
sh. chky

shale, Gry - mar

ls. tan + Gry. fn. xln
sh. foss - N.S.

sh. Gry + mar

3700
Topeka Lm
3703 - 918

ls. tan - Gry. fn. xln
sh. Gry - mar

ls. lt Gry. fn. xln, foss
pr. N.S. show

ls. tan + Gry. fn. xln
sh. foss, pr. N.S. sh. chky
N.S.

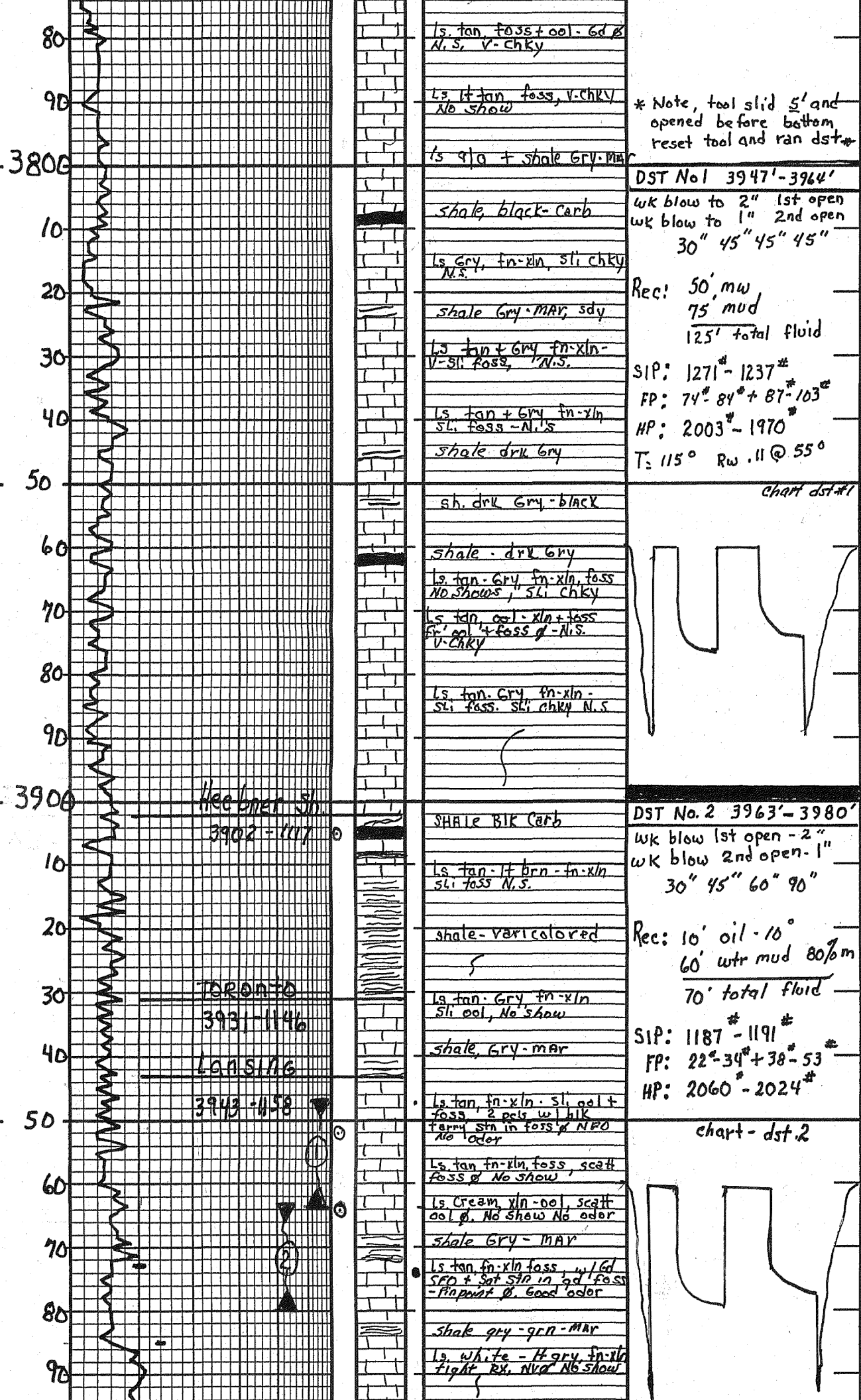
ls. tan. fn. xln. foss - ool
w/ fair ool + foss
No show - NO ool
sh. chky

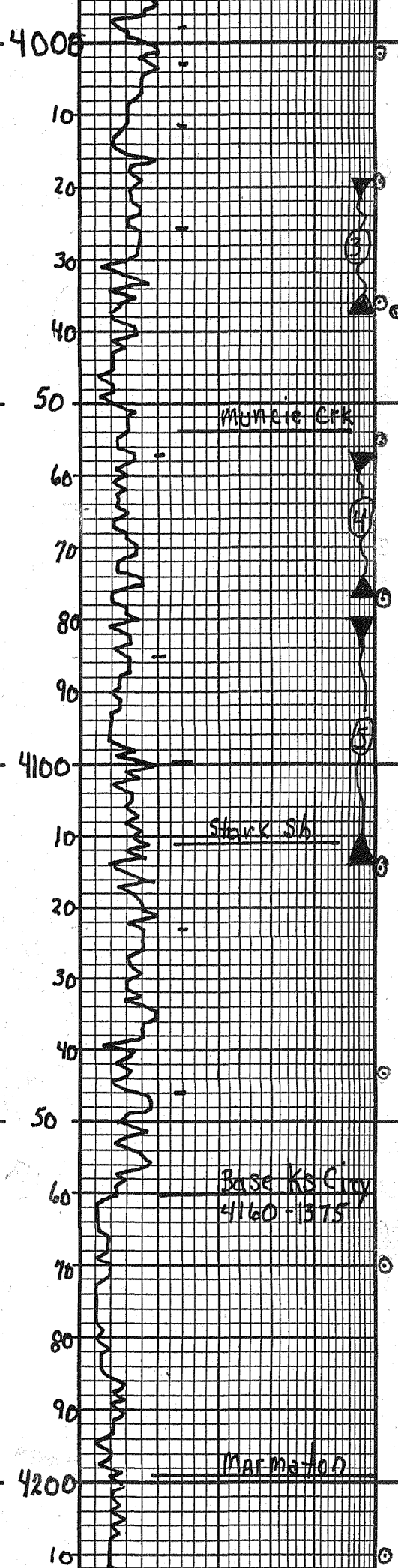
shale Gry - mar

ls. tan - Gry. fn. xln.
sh. foss - v. chky N.S.

ls. tan, ool w/ fr - ool
ool N.S. sh. chky

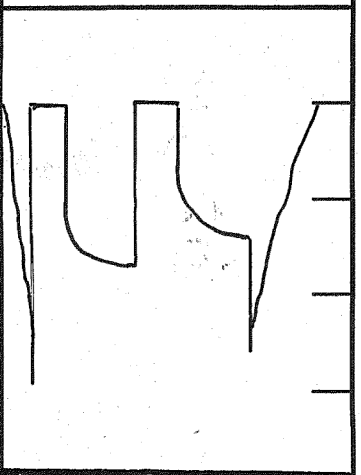
ls. q/a, v. chky, N.S.



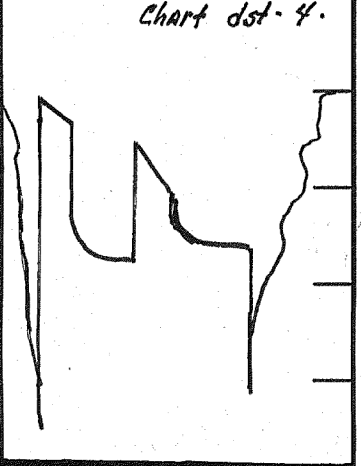


sh. gry mar
 Ls. H tan fn xln, sl
 foss, pr of N.S. No odor
 Ls. H tan, fn xln, V.S.
 foss, tight Rx, No show
 Ls. crm. H tan, xln ool
 w/ prool of N.S. Chky
 Ls. H tan. H gry xln
 sl. foss + ool, fr N.S.
 chky.
 shale varicolored
 Ls. H tan. H gry, fn xln
 foss, scatt foss of N.S.
 Ls. H tan. H gry. fn xln
 foss, pr foss of, No show
 Ls. crm. H tan, fn xln, N.S.
 wh. H tan op fresh chert
 Ls. tan. fn xln, tight Rx
 N.S.
 shale drk gry-mar
 Ls. H brn. fn xln - tight
 Rx - pr - N.V. of.
 Sh. Gry's + mar
 Ls. H tan, fn xln, foss
 w/ scatt foss of, No show
 No flour.
 Ls. H tan. H gry, foss
 scatt foss of, sl. chky N.S.
 No flour.
 Ls. H tan, fn xln, sl.
 foss, No show
 shale gry-mar
 Ls. H tan. crm, fn xln -
 foss, w/ scatt of d. sat
 stn in fr pp-foss of faint
 odor.
 shale black carb
 shale gry-mar
 Ls. H gry, fn xln,
 pr of, No show
 Ls. H gry, fn xln, tight
 Rx, No show
 sh. blk carb.
 shale gry-mar
 Ls. tan. gry, fn xln -
 foss, scatt foss of
 No show
 Ls. gry, fn xln - sl. foss
 pr of, No show
 shale gry-grn-mar
 Ls. gry, xln, sl. foss
 N.S. Lots of gry + mar
 shale
 Ls. tan, fn xln, foss
 scatt foss of, No show
 shale gry-mar
 Ls. tan, fn xln + lots
 of shale, gry-mar.
 No show

DST No. 3 4019'-4037'
 wk blow 1 1/2" - 1st open
 wk blow 1" - 2nd open
 30" 45" 30" 45"
 Rec: 60' wcm 40% wtr
 15' mud
 75' total fluid
 SIP: 1270# - 1245#
 FP: 23" 40" + 44" 62"
 HP: 2054# - 1947#



DST No. 4057 - 4077'
 (4)
 BOB 2" 1st open BOB-3I
 BOB 4" 2nd open, 7" - 2nd SI
 30" 45" 45" 60"
 Rec: 237' GIP
 1464 GSY oil - 75% oil
 243' mco - 65% oil
 1707' fluid 35°
 SIP: 1156# - 1135#
 FP: 83" 366" + 376" - 641"
 HP: 2082# - 2040#



DST No. 5 4080'-4114'
 BOB 11" 1st op 5 1/2" BB
 BOB 10" 2nd op 8 1/2" BB
 30" 45" 45" 60"

20
30
40
50
60
70
80
90
4300
10
20
30
40
50
60
70
80
90
4400
10
20
30

Attamont

Pawnee

Cherokee Sh.

4333-1516

Mau Shale

4417-1632

shale + ls, No show
? ls. Gry. fn. xln. SLi. foss
2 pc's w/ blk dead oil
stn, NEO, No odor
ls. Gry. fn. xln. v. sh. foss
No show, Lots of shaly
Shale, Gry. mar
shale, Gry. mar
shale Gray-Maroon
ls. tan. Gry. fn. xln
pf-NVX N.S.
ls. tan. brn. gry.
fn. xln. NO show
ls. lt brn. Gry. fn. xln
N.S. v. shly
SH-Gry-mar
ls. lt brn. Gry. dse
NVX NO show
ls. Gry. dse, NVX N.S.
v. shly
ls. Gry. tan. xln. shly
NO show, foss, pf'd
ls. q/a + shly, No show
SHALE BIK, carb
ls. tan. fn. xln. N.S.
shale BIK carb
ls. tan. brn. fn. xln.
v. dse, NVX N.S.
ls. brn. tan. Gry. dse
N.S.
SH-Gry. dk. Gry
ls. tan. Gry. xln. dse
NVX NO show, shly
SHALE GRAY-MAR
? ls. crm. fn. xln. SLi. foss
scatt of N.S. Some flour
NO odor
ls. Gry. fn. xln. tight
RX. NO show
sh Gry.
ls. Gry. fn. xln. tight
RX. NO show
shale, Gry. GRN, mar
ls. Gry. crm. xln.

Rec: 716' GIP

166' Gsy oil, 85% oil
306' Gsy oil 45% oil

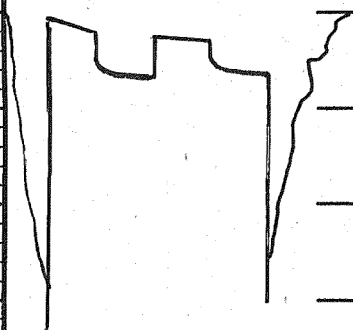
472' fluid -36°

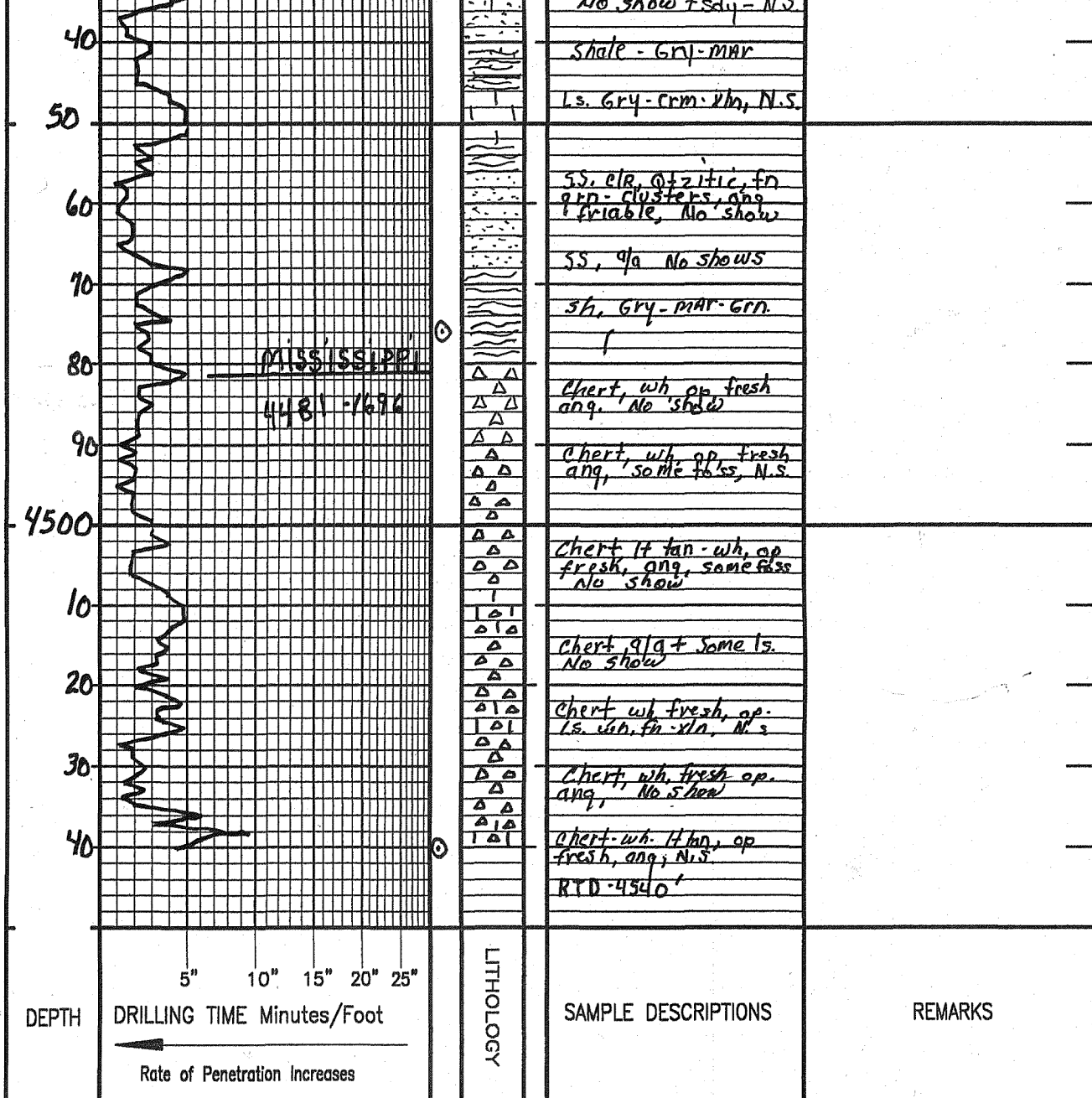
SIP: 546* - 530*

FP: 32* 119* + 131* 194*

HP: 2079* - 2014*

Chart dst. 5





COMPANY Landmark Resources
 LEASE Godfrey-Wessel Unit 1-32
 LOCATION 1875' ENL + 269' FWL SEC. 32 TWP. 6S RNG. 28W
 COUNTY Sheridan STATE Kansas

ELEVATION: 2785' K.B.



DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

4900 Woodway Dr.
Suite 880
Houston, TX 77056

ATTN: Terry McLeod

Godfrey-Wessel #1-32

32-6s-28w Sheridan,KS

Start Date: 2022.08.23 @ 00:11:00

End Date: 2022.08.23 @ 07:40:45

Job Ticket #: 69014 DST #: 1

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

Printed: 2022.08.30 @ 12:14:32



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Landmark Resources Inc.

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

32-6s-28w Sheridan,KS

Godfrey-Wessel #1-32

Job Ticket: 69014

DST#: 1

Test Start: 2022.08.23 @ 00:11:00

GENERAL INFORMATION:

Formation: **LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:41:15

Time Test Ended: 07:40:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

Interval: 3947.00 ft (KB) To 3964.00 ft (KB) (TVD)

Total Depth: 3964.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 4785.00 ft (KB)

4780.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8652 Outside

Press@RunDepth: 102.62 psig @ 3948.00 ft (KB)

Start Date: 2022.08.23

End Date:

2022.08.23

Start Time: 00:11:05

End Time:

07:40:44

Capacity: 8000.00 psig

Last Calib.: 2022.08.23

Time On Btm: 2022.08.23 @ 02:37:30

Time Off Btm: 2022.08.23 @ 05:29:45

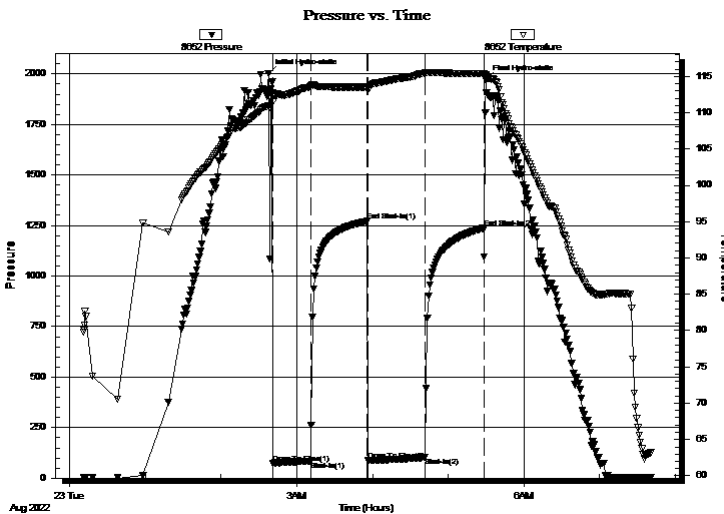
TEST COMMENT: IF- Set on fill 5' off bottom, tool opened, picked up & reset-30- Built to 2"

SI1-45- No return

FF-45- Built to 1 "

SI2-45- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2002.65	110.88	Initial Hydro-static
4	73.71	111.56	Open To Flow (1)
34	84.04	113.62	Shut-In(1)
79	1270.95	113.52	End Shut-In(1)
79	87.45	113.26	Open To Flow (2)
124	102.62	115.46	Shut-In(2)
171	1236.59	115.39	End Shut-In(2)
173	1969.53	115.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MCW 30% mud 70% water	0.25
75.00	mud 100%	0.37

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Landmark Resources Inc.

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

32-6s-28w Sheridan,KS

Godfrey-Wessel #1-32

Job Ticket: 69014

DST#: 1

Test Start: 2022.08.23 @ 00:11:00

GENERAL INFORMATION:

Formation: **LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:41:15

Time Test Ended: 07:40:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

Interval: 3947.00 ft (KB) To 3964.00 ft (KB) (TVD)

Total Depth: 3964.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 4785.00 ft (KB)

4780.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3948.00 ft (KB)

Start Date: 2022.08.23

End Date:

2022.08.23

Start Time: 00:11:05

End Time:

07:40:44

Capacity: 8000.00 psig

Last Calib.:

2022.08.23

Time On Btm:

Time Off Btm:

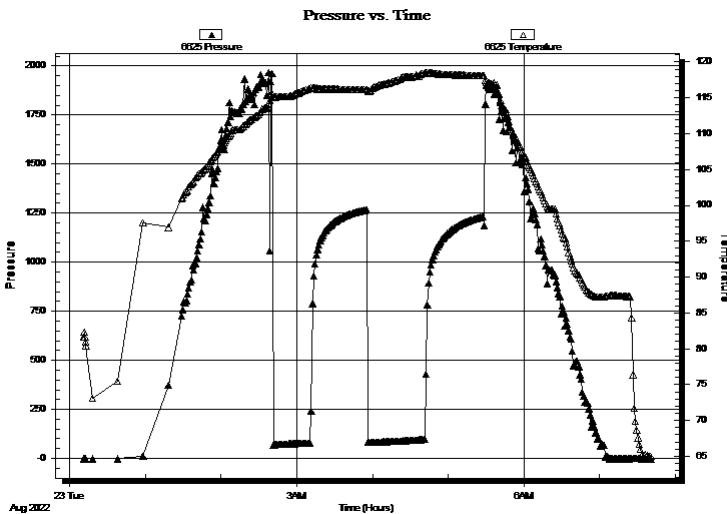
TEST COMMENT: IF- Set on fill 5' off bottom, tool opened, picked up & reset-30- Built to 2"

SI1-45- No return

FF-45- Built to 1 "

SI2-45- No return

PRESSURE SUMMARY



Time
(Min.)

Pressure
(psig)

Temp
(deg F)

Annotation

Recovery

Length (ft)	Description	Volume (bbl)
50.00	MCW 30% mud 70% water	0.25
75.00	mud 100%	0.37

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc.

32-6s-28w Sheridan,KS

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Godfrey-Wessel #1-32

Job Ticket: 69014

DST#: 1

Test Start: 2022.08.23 @ 00:11:00

Tool Information

Drill Pipe:	Length:	3750.00 ft	Diameter:	3.80 inches	Volume:	52.60 bbl	Tool Weight:	2900.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	180.00 ft	Diameter:	2.25 inches	Volume:	0.89 bbl	Weight to Pull Loose:	52000.00 lb
					Total Volume:	53.49 bbl	Tool Chased	5.00 ft
Drill Pipe Above KB:		14.00 ft					String Weight: Initial	44000.00 lb
Depth to Top Packer:		3947.00 ft					Final	44000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		17.00 ft						
Tool Length:		48.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3917.00		
shut In Tool	5.00			3922.00		
hydraulic tool	5.00			3927.00		
Jars	5.00			3932.00		
EM Tool	3.00			3935.00		
Safety Joint	3.00			3938.00		
Packer	5.00			3943.00	31.00	Bottom Of Top Packer
Packer	4.00			3947.00		
Stubb	1.00			3948.00		
Recorder	0.00	6625	Inside	3948.00		
Recorder	0.00	8652	Outside	3948.00		
perforations	13.00			3961.00		
Bullnose	3.00			3964.00	17.00	Bottom Packers & Anchor

Total Tool Length: 48.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc.

32-6s-28w Sheridan,KS

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Godfrey-Wessel #1-32

Job Ticket: 69014

DST#: 1

Test Start: 2022.08.23 @ 00:11:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 6.38 in³

Resistivity: ohm.m

Salinity: 1300.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	MCW 30% mud 70% water	0.246
75.00	mud 100%	0.369

Total Length: 125.00 ft

Total Volume: 0.615 bbl

Num Fluid Samples: 0

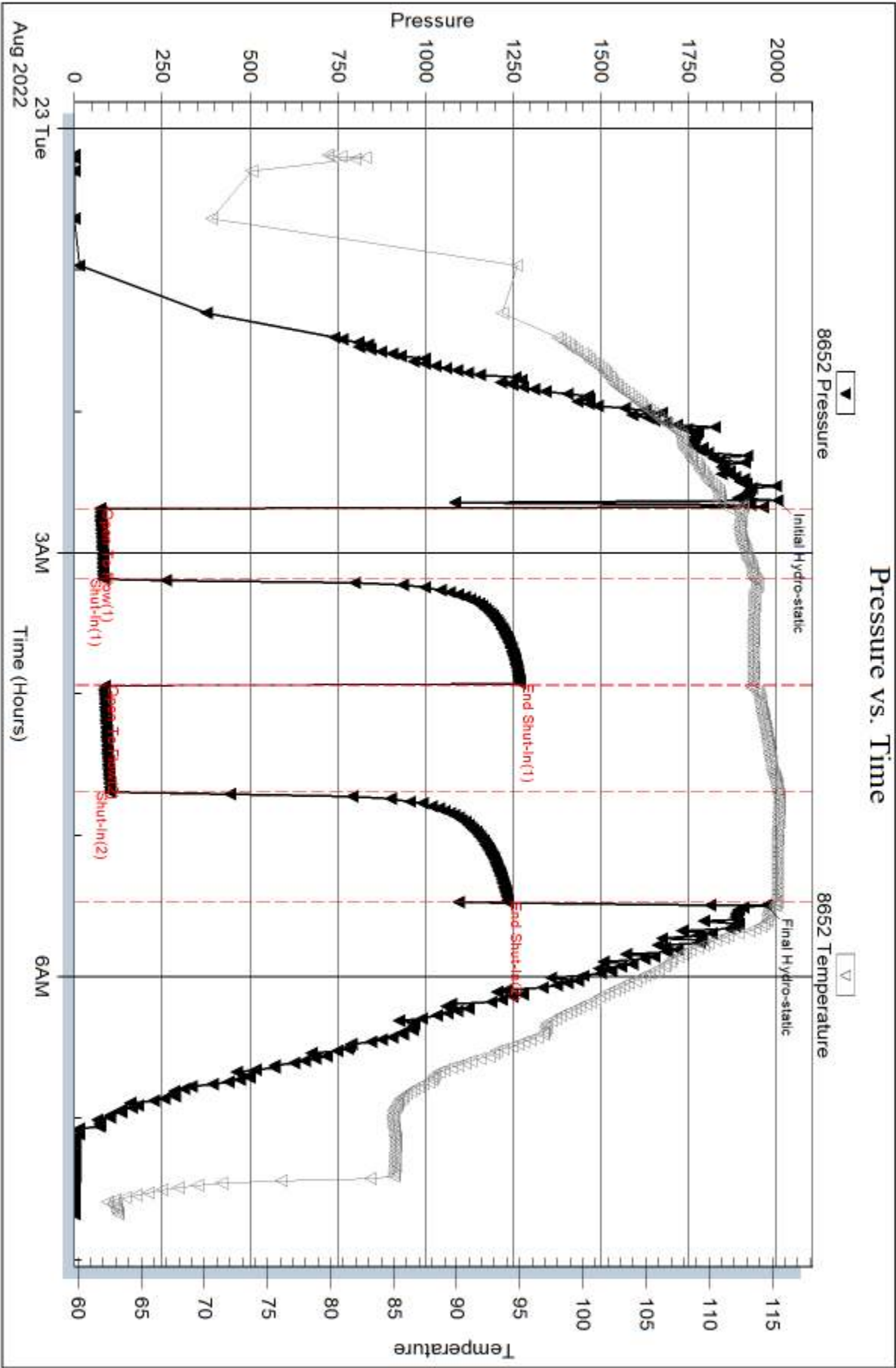
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 3# LCM



Serial #: 6625

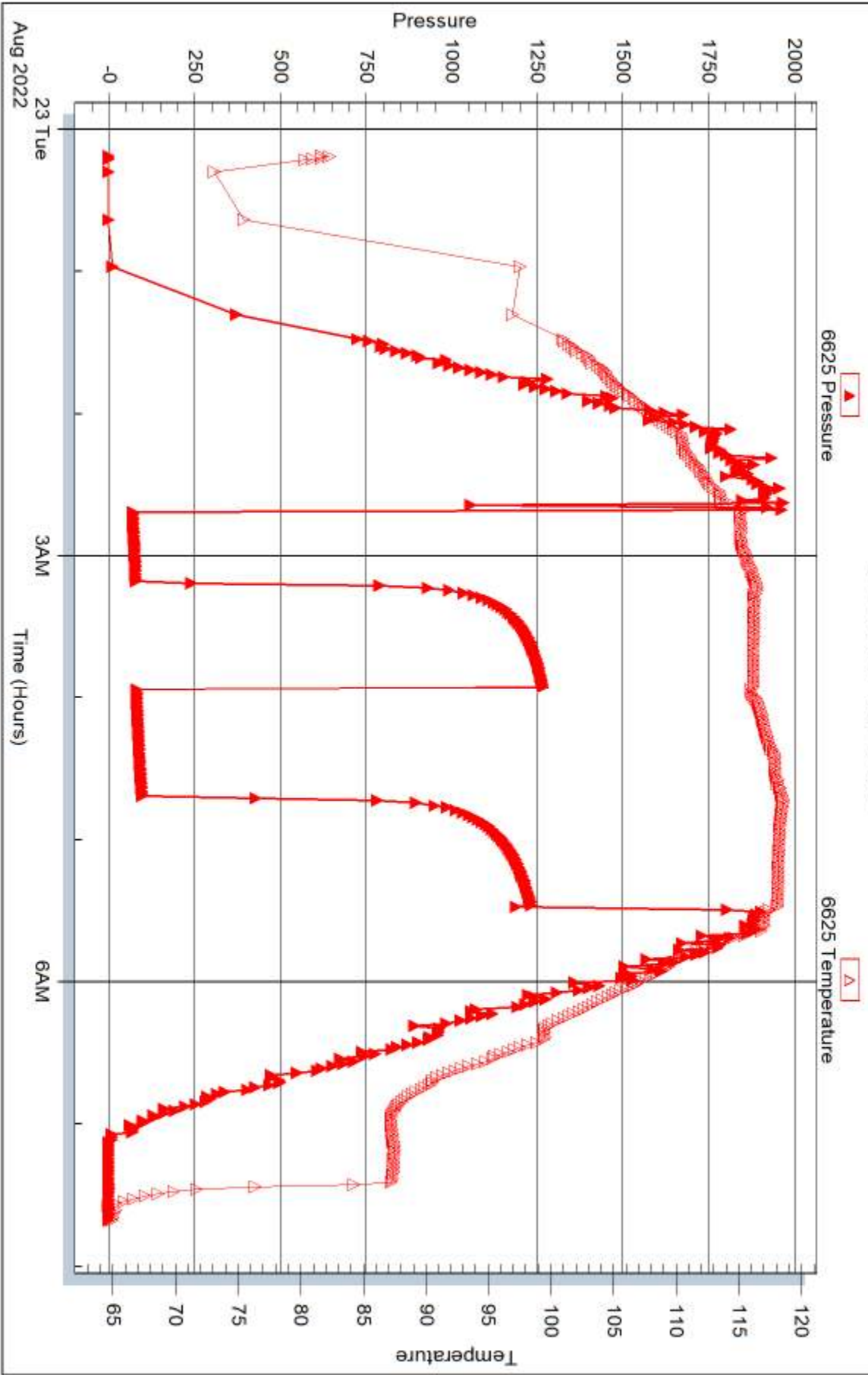
Inside

Landmark Resources Inc.

Godfrey-Wessel #1-32

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

4900 Woodway Dr.
Suite 880
Houston, TX 77056

ATTN: Terry McLeod

Godfrey-Wessel #1-32

32-6s-28w Sheridan,KS

Start Date: 2022.08.23 @ 14:04:00

End Date: 2022.08.23 @ 22:10:15

Job Ticket #: 69015 DST #: 2

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

Printed: 2022.08.30 @ 12:13:19



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources Inc.

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

32-6s-28w Sheridan,KS

Godfrey-Wessel #1-32

Job Ticket: 69015

DST#: 2

Test Start: 2022.08.23 @ 14:04:00

GENERAL INFORMATION:

Formation: **LKC C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:01:30

Time Test Ended: 22:10:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3963.00 ft (KB) To 3980.00 ft (KB) (TVD)

Total Depth: 3980.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 4785.00 ft (KB)

4780.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8652 Outside

Press@RunDepth: 53.21 psig @ 3964.00 ft (KB)

Start Date: 2022.08.23

End Date:

2022.08.23

Start Time: 14:04:05

End Time:

22:10:14

Capacity: 8000.00 psig

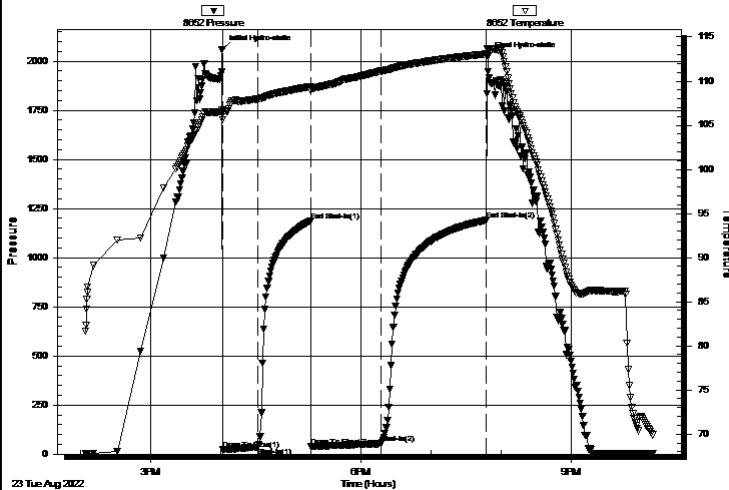
Last Calib.: 2022.08.23

Time On Btm: 2022.08.23 @ 16:01:00

Time Off Btm: 2022.08.23 @ 19:48:15

TEST COMMENT: IF-30- Built to 2"
SI1-45- No return
FF-60- Built to 1 1/2"
SI2-90- No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2060.22	106.73	Initial Hydro-static
1	22.46	105.59	Open To Flow (1)
31	34.15	107.99	Shut-In(1)
76	1187.21	109.40	End Shut-In(1)
76	37.97	108.92	Open To Flow (2)
136	53.21	111.13	Shut-In(2)
226	1190.75	113.07	End Shut-In(2)
228	2023.52	113.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WCM 20%water 80%mud	0.30
10.00	GO 2%gas 98%oil	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources Inc.

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

32-6s-28w Sheridan,KS

Godfrey-Wessel #1-32

Job Ticket: 69015

DST#: 2

Test Start: 2022.08.23 @ 14:04:00

GENERAL INFORMATION:

Formation: **LKC C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:01:30

Time Test Ended: 22:10:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3963.00 ft (KB) To 3980.00 ft (KB) (TVD)

Total Depth: 3980.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 4785.00 ft (KB)

4780.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3964.00 ft (KB)

Start Date: 2022.08.23

End Date:

2022.08.23

Start Time: 14:04:05

End Time:

22:10:14

Capacity: 8000.00 psig

Last Calib.:

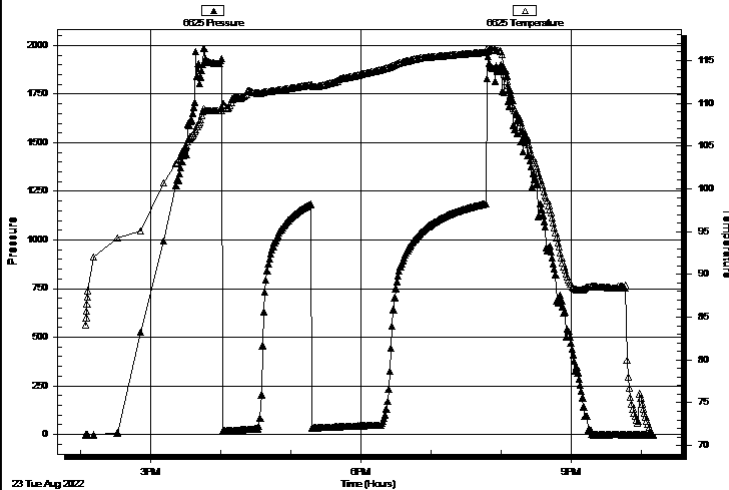
2022.08.23

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30- Built to 2"
SI1-45- No return
FF-60- Built to 1 1/2"
SI2-90- No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
60.00	WCM 20%w water 80%mud	0.30
10.00	GO 2%gas 98%oil	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc.

32-6s-28w Sheridan,KS

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Godfrey-Wessel #1-32

Job Ticket: 69015

DST#: 2

Test Start: 2022.08.23 @ 14:04:00

Tool Information

Drill Pipe:	Length:	3783.00 ft	Diameter:	3.80 inches	Volume:	53.07 bbl	Tool Weight:	2900.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	180.00 ft	Diameter:	2.25 inches	Volume:	0.89 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	53.96 bbl	Tool Chased	ft
Drill Pipe Above KB:		31.00 ft					String Weight: Initial	56000.00 lb
Depth to Top Packer:		3963.00 ft					Final	56000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		17.00 ft						
Tool Length:		48.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00		3933.00	
shut In Tool	5.00		3938.00	
hydraulic tool	5.00		3943.00	
Jars	5.00		3948.00	
EM Tool	3.00		3951.00	
Safety Joint	3.00		3954.00	
Packer	5.00		3959.00	31.00 Bottom Of Top Packer
Packer	4.00		3963.00	
Stubb	1.00		3964.00	
Recorder	0.00	6625 Inside	3964.00	
Recorder	0.00	8652 Outside	3964.00	
perforations	13.00		3977.00	
Bullnose	3.00		3980.00	17.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc.

32-6s-28w Sheridan,KS

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Godfrey-Wessel #1-32

Job Ticket: 69015

DST#: 2

Test Start: 2022.08.23 @ 14:04:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 61.00 sec/qt

Water Loss: 7.18 in³

Resistivity: ohm.m

Salinity: 1300.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

10 deg API

Water Salinity:

94000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	WCM 20%water 80%mud	0.295
10.00	GO 2%gas 98%oil	0.049

Total Length: 70.00 ft

Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

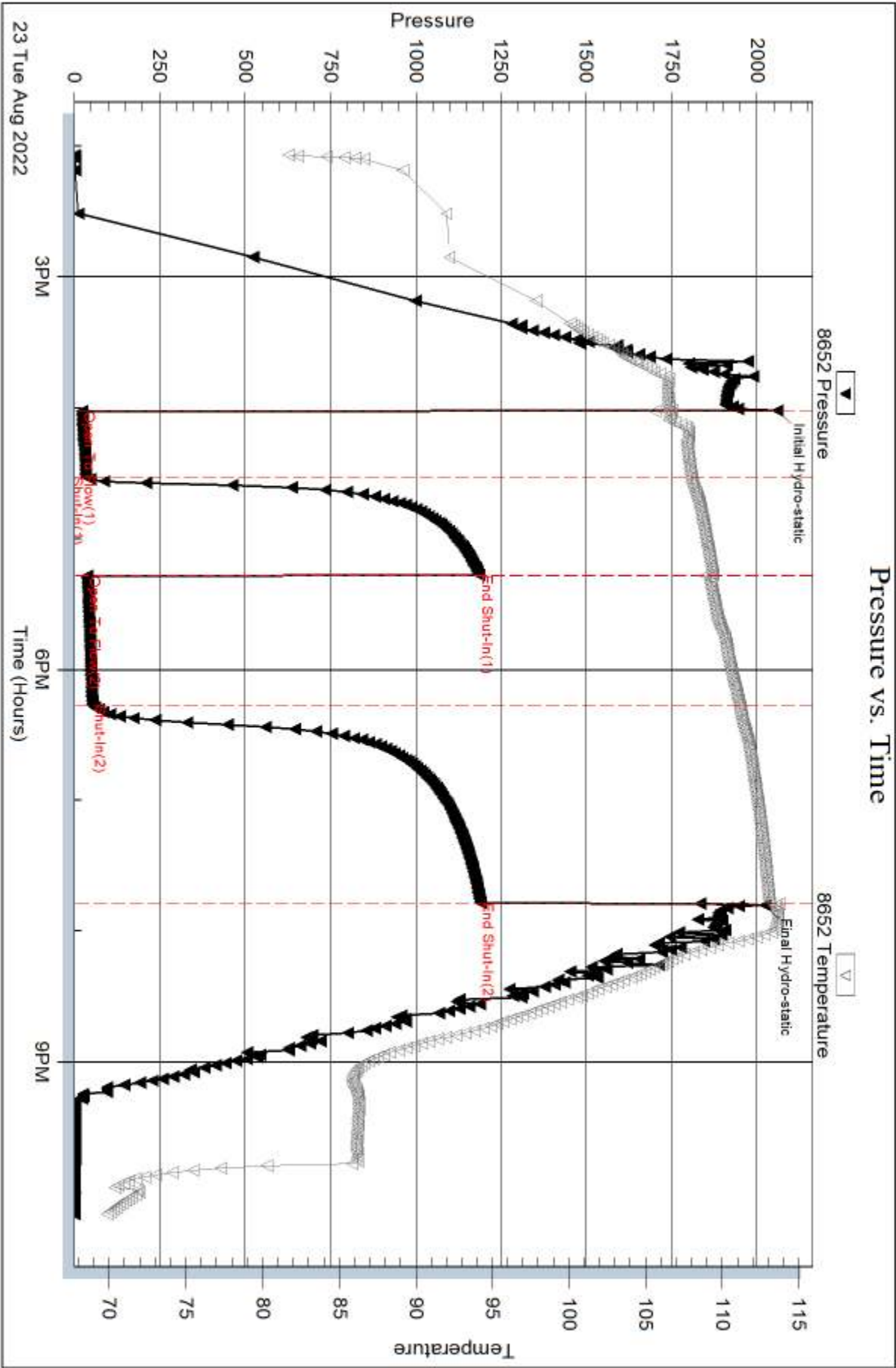
Recovery Comments: 4# LCM

Serial #: 8652

Outside Landmark Resources Inc.

Godfrey-Wessel #1-32

DST Test Number: 2



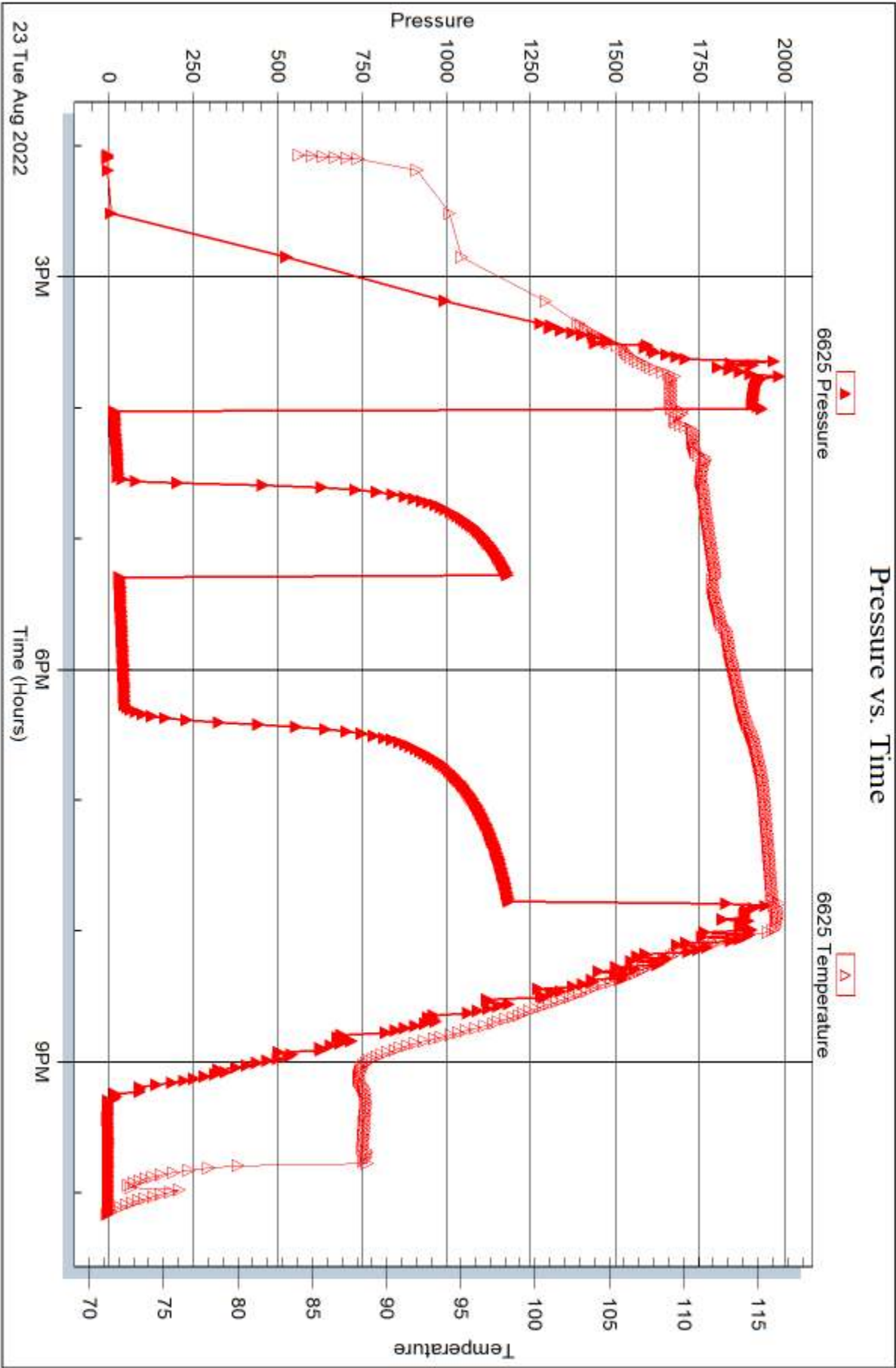
Serial #: 6625

Inside

Landmark Resources Inc.

Godfrey-Wessel #1-32

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

4900 Woodway Dr.
Suite 880
Houston, TX 77056

ATTN: Terry McLeod

Godfrey-Wessel #1-32

32-6s-28w Sheridan,KS

Start Date: 2022.08.24 @ 09:55:00

End Date: 2022.08.24 @ 16:31:00

Job Ticket #: 69016 DST #: 3

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

Printed: 2022.08.30 @ 12:12:48



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Landmark Resources Inc.

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

32-6s-28w Sheridan,KS

Godfrey-Wessel #1-32

Job Ticket: 69016

DST#: 3

Test Start: 2022.08.24 @ 09:55:00

GENERAL INFORMATION:

Formation: **LKC G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:48:45

Time Test Ended: 16:31:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4019.00 ft (KB) To 4037.00 ft (KB) (TVD)

Total Depth: 4037.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 4785.00 ft (KB)

4780.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8652 Outside

Press@RunDepth: 61.55 psig @ 4020.00 ft (KB)

Start Date: 2022.08.24

End Date:

2022.08.24

Start Time: 09:55:05

End Time:

16:30:59

Capacity: 8000.00 psig

Last Calib.: 2022.08.24

Time On Btm: 2022.08.24 @ 11:48:00

Time Off Btm: 2022.08.24 @ 14:20:45

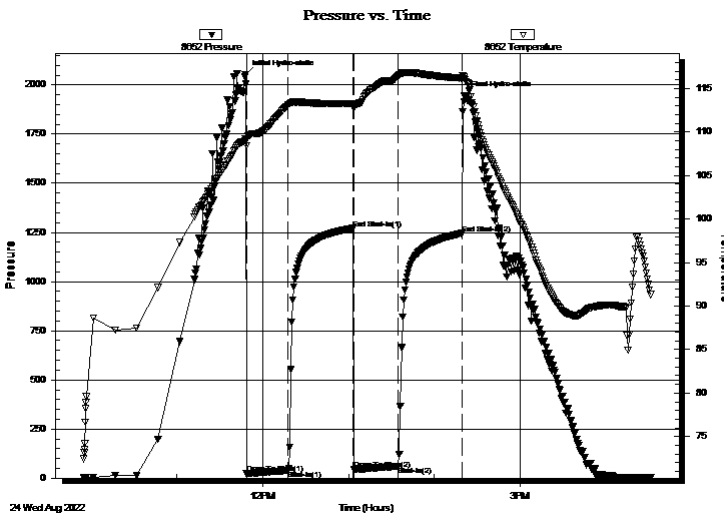
TEST COMMENT: IF-30- Built to 1 1/2"

SI1-45- No return

FF-30- Built to 1"

SI2-45- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2053.91	109.16	Initial Hydro-static
1	22.72	108.42	Open To Flow (1)
30	39.59	113.15	Shut-In(1)
76	1270.41	113.27	End Shut-In(1)
76	43.71	112.66	Open To Flow (2)
107	61.55	116.42	Shut-In(2)
151	1244.59	116.20	End Shut-In(2)
153	1946.60	116.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WCM 60% mud 40% water	0.30
10.00	mud 100%	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources Inc.

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

32-6s-28w Sheridan,KS

Godfrey-Wessel #1-32

Job Ticket: 69016

DST#: 3

Test Start: 2022.08.24 @ 09:55:00

GENERAL INFORMATION:

Formation: **LKC G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:48:45

Time Test Ended: 16:31:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4019.00 ft (KB) To 4037.00 ft (KB) (TVD)

Total Depth: 4037.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 4785.00 ft (KB)

4780.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 4020.00 ft (KB)

Start Date: 2022.08.24

End Date:

2022.08.24

Start Time: 09:55:05

End Time:

16:30:59

Capacity: 8000.00 psig

Last Calib.:

2022.08.24

Time On Btm:

Time Off Btm:

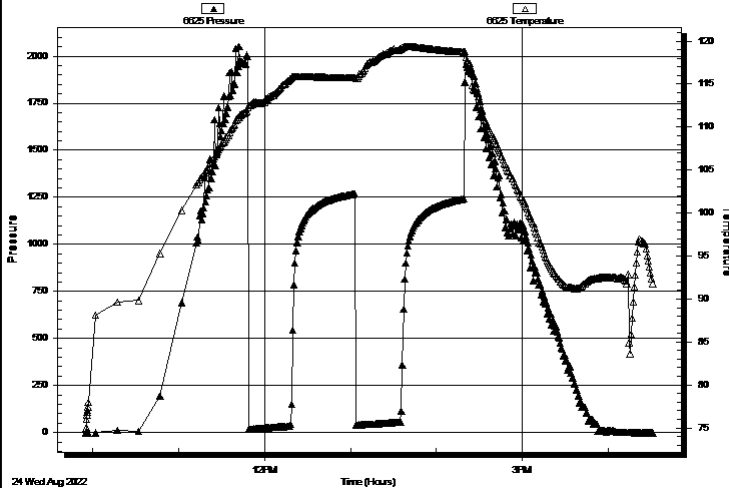
TEST COMMENT: IF-30- Built to 1 1/2"

SI1-45- No return

FF-30- Built to 1"

SI2-45- No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
60.00	WCM 60% mud 40% water	0.30
10.00	mud 100%	0.05

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc.

32-6s-28w Sheridan,KS

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Godfrey-Wessel #1-32

Job Ticket: 69016

DST#: 3

Test Start: 2022.08.24 @ 09:55:00

Tool Information

Drill Pipe:	Length:	3814.00 ft	Diameter:	3.80 inches	Volume:	53.50 bbl	Tool Weight:	2900.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	180.00 ft	Diameter:	2.25 inches	Volume:	0.89 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	54.39 bbl	Tool Chased	ft
Drill Pipe Above KB:		6.00 ft					String Weight: Initial	58000.00 lb
Depth to Top Packer:		4019.00 ft					Final	58000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		18.00 ft						
Tool Length:		49.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			3989.00		
shut In Tool	5.00			3994.00		
hydraulic tool	5.00			3999.00		
Jars	5.00			4004.00		
EM Tool	3.00			4007.00		
Safety Joint	3.00			4010.00		
Packer	5.00			4015.00	31.00	Bottom Of Top Packer
Packer	4.00			4019.00		
Stubb	1.00			4020.00		
Recorder	0.00	6625	Inside	4020.00		
Recorder	0.00	8652	Outside	4020.00		
perforations	14.00			4034.00		
Bullnose	3.00			4037.00	18.00	Bottom Packers & Anchor

Total Tool Length: 49.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc.

32-6s-28w Sheridan,KS

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Godfrey-Wessel #1-32

Job Ticket: 69016

DST#: 3

Test Start: 2022.08.24 @ 09:55:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 58000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	WCM 60% mud 40% water	0.295
10.00	mud 100%	0.049

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

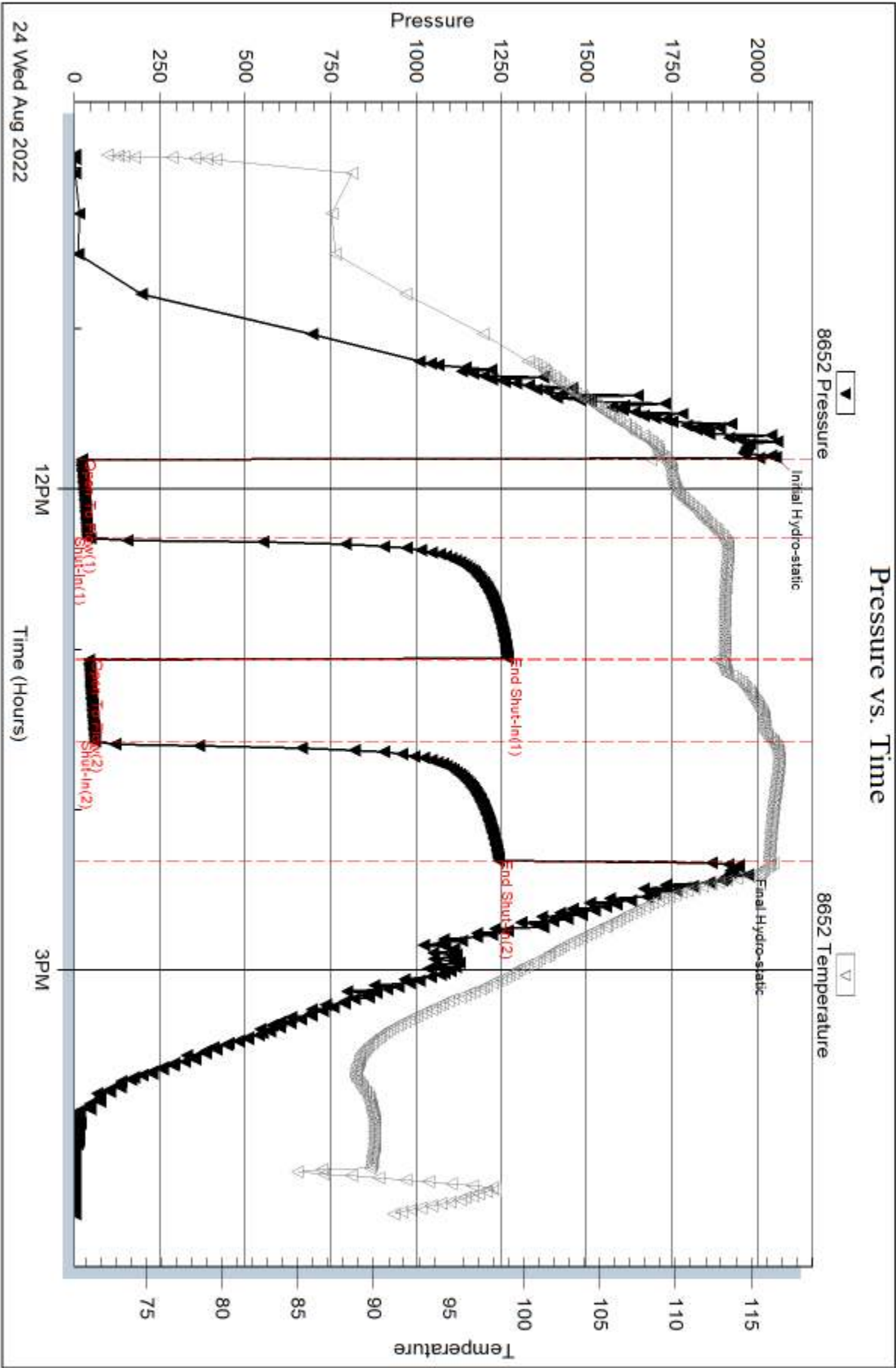
Recovery Comments: LCM 4#

Serial #: 8652

Outside Landmark Resources Inc.

Godfrey-Wessel #1-32

DST Test Number: 3



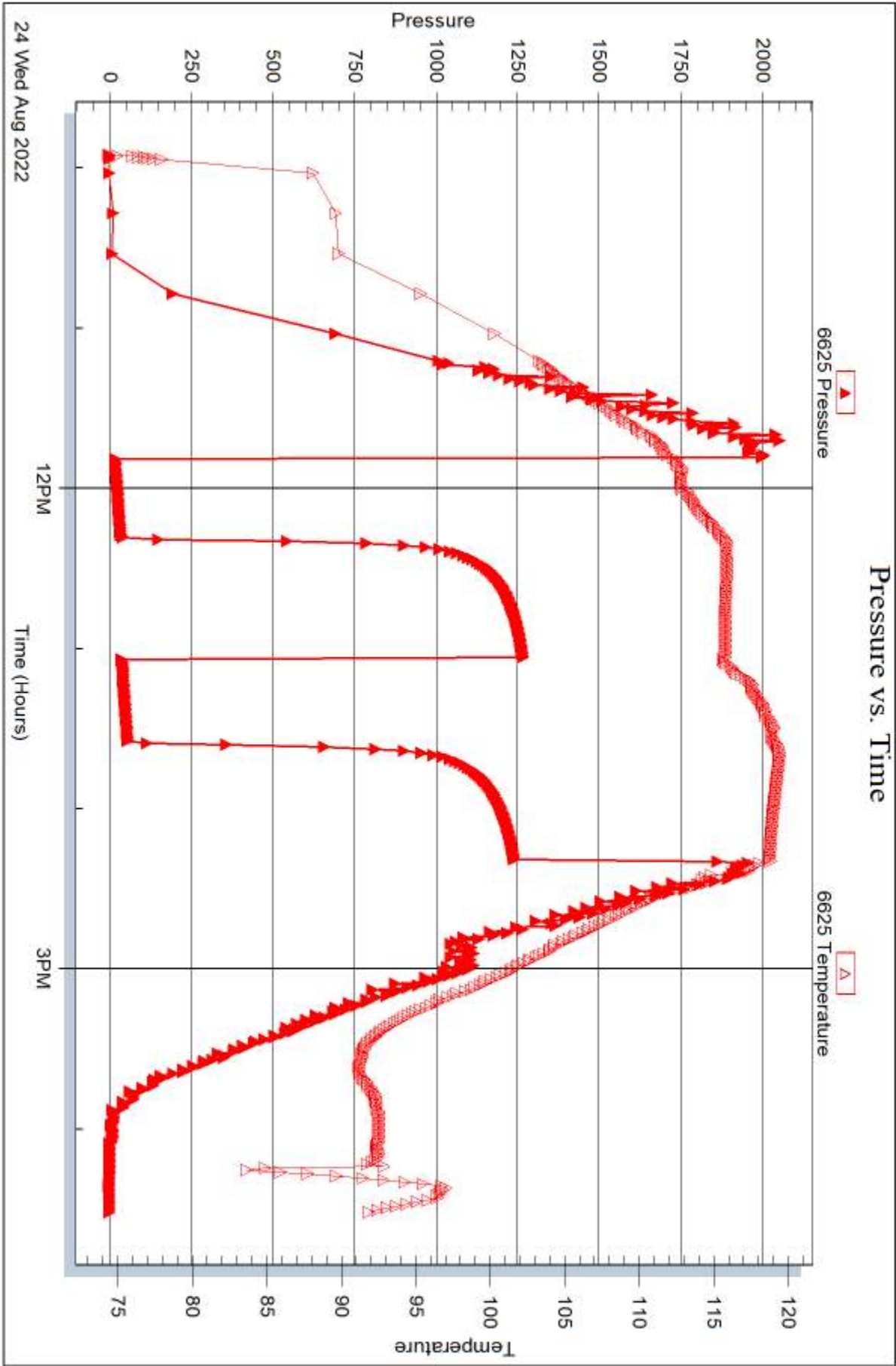
Serial #: 6625

Inside

Landmark Resources Inc.

Godfrey-Wessel #1-32

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

4900 Woodway Dr.
Suite 880
Houston, TX 77056

ATTN: Terry McLeod

Godfrey-Wessel #1-32

32-6s-28w Sheridan,KS

Start Date: 2022.08.24 @ 23:46:00

End Date: 2022.08.25 @ 08:47:15

Job Ticket #: 69017 DST #: 4

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

Printed: 2022.08.30 @ 12:12:18



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources Inc.

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

32-6s-28w Sheridan,KS

Godfrey-Wessel #1-32

Job Ticket: 69017

DST#: 4

Test Start: 2022.08.24 @ 23:46:00

GENERAL INFORMATION:

Formation: **LKC H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:55:30

Time Test Ended: 08:47:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4057.00 ft (KB) To 4077.00 ft (KB) (TVD)

Total Depth: 4077.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 4785.00 ft (KB)

4780.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8652 Outside

Press@RunDepth: 641.24 psig @ 4058.00 ft (KB)

Start Date: 2022.08.24

End Date:

2022.08.25

Start Time: 23:46:05

End Time:

08:47:15

Capacity: 8000.00 psig

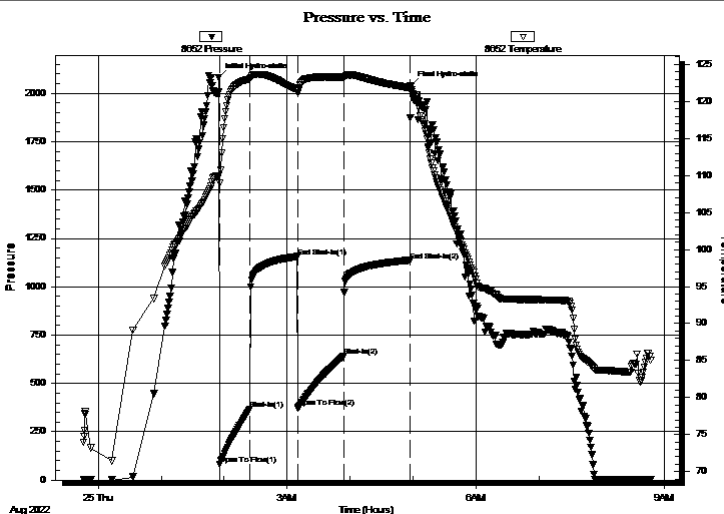
Last Calib.: 2022.08.25

Time On Btm: 2022.08.25 @ 01:54:45

Time Off Btm: 2022.08.25 @ 04:57:45

TEST COMMENT: IF-30- BOB in 2 min 15 sec, built to 127"
SI1-45- BOB in 29 min, built to 14 1/4"
FF-45- BOB in 3 min 45 sec, built to 120"
SI2-60- Built to 7 1/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2081.94	109.99	Initial Hydro-static
1	83.47	108.95	Open To Flow (1)
30	366.31	123.01	Shut-In(1)
76	1156.38	121.60	End Shut-In(1)
76	375.51	121.12	Open To Flow (2)
120	641.24	123.21	Shut-In(2)
182	1134.93	121.85	End Shut-In(2)
183	2040.16	122.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
243.00	MCO 65% oil 35% mud	1.77
1464.00	GO 25% gas 75% oil	20.54
0.00	237 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources Inc.

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

32-6s-28w Sheridan,KS

Godfrey-Wessel #1-32

Job Ticket: 69017

DST#: 4

Test Start: 2022.08.24 @ 23:46:00

GENERAL INFORMATION:

Formation: **LKC H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:55:30

Time Test Ended: 08:47:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4057.00 ft (KB) To 4077.00 ft (KB) (TVD)

Total Depth: 4077.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 4785.00 ft (KB)

4780.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 4058.00 ft (KB)

Start Date: 2022.08.24

End Date:

2022.08.25

Start Time: 23:46:05

End Time:

08:47:15

Capacity: 8000.00 psig

Last Calib.:

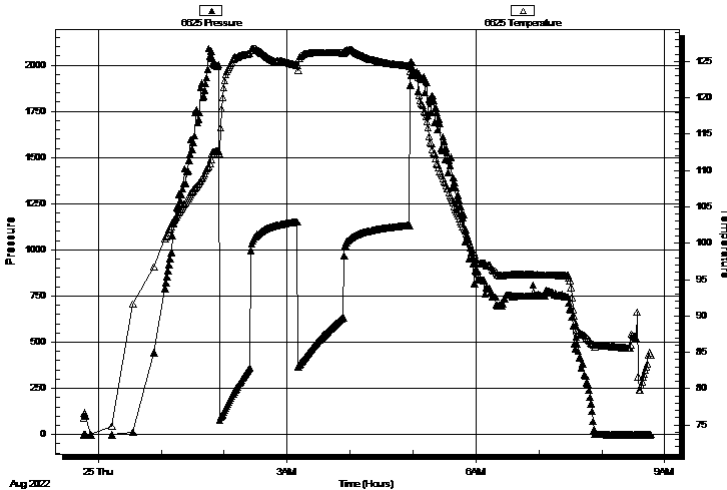
2022.08.25

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30- BOB in 2 min 15 sec, built to 127"
SI1-45- BOB in 29 min, built to 14 1/4"
FF-45- BOB in 3 min 45 sec, built to 120"
SI2-60- Built to 7 1/4"

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
-------------	-----------------	--------------	------------

Recovery

Length (ft)	Description	Volume (bbl)
243.00	MCO 65% oil 35% mud	1.77
1464.00	GO 25% gas 75% oil	20.54
0.00	237 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc.

32-6s-28w Sheridan,KS

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Godfrey-Wessel #1-32

Job Ticket: 69017

DST#: 4

Test Start: 2022.08.24 @ 23:46:00

Tool Information

Drill Pipe:	Length:	3876.00 ft	Diameter:	3.80 inches	Volume:	54.37 bbl	Tool Weight:	2900.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	180.00 ft	Diameter:	2.25 inches	Volume:	0.89 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	55.26 bbl	Tool Chased	ft
Drill Pipe Above KB:		30.00 ft					String Weight: Initial	50000.00 lb
Depth to Top Packer:		4057.00 ft					Final	56000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		20.00 ft						
Tool Length:		51.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00		4027.00	
shut In Tool	5.00		4032.00	
hydraulic tool	5.00		4037.00	
Jars	5.00		4042.00	
EM Tool	3.00		4045.00	
Safety Joint	3.00		4048.00	
Packer	5.00		4053.00	31.00 Bottom Of Top Packer
Packer	4.00		4057.00	
Stubb	1.00		4058.00	
Recorder	0.00	6625 Inside	4058.00	
Recorder	0.00	8652 Outside	4058.00	
perforations	16.00		4074.00	
Bullnose	3.00		4077.00	20.00 Bottom Packers & Anchor

Total Tool Length: 51.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc.

32-6s-28w Sheridan,KS

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Godfrey-Wessel #1-32

Job Ticket: 69017

DST#: 4

Test Start: 2022.08.24 @ 23:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

35 deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
243.00	MCO 65% oil 35% mud	1.769
1464.00	GO 25% gas 75% oil	20.536
0.00	237 GIP	0.000

Total Length: 1707.00 ft

Total Volume: 22.305 bbl

Num Fluid Samples: 0

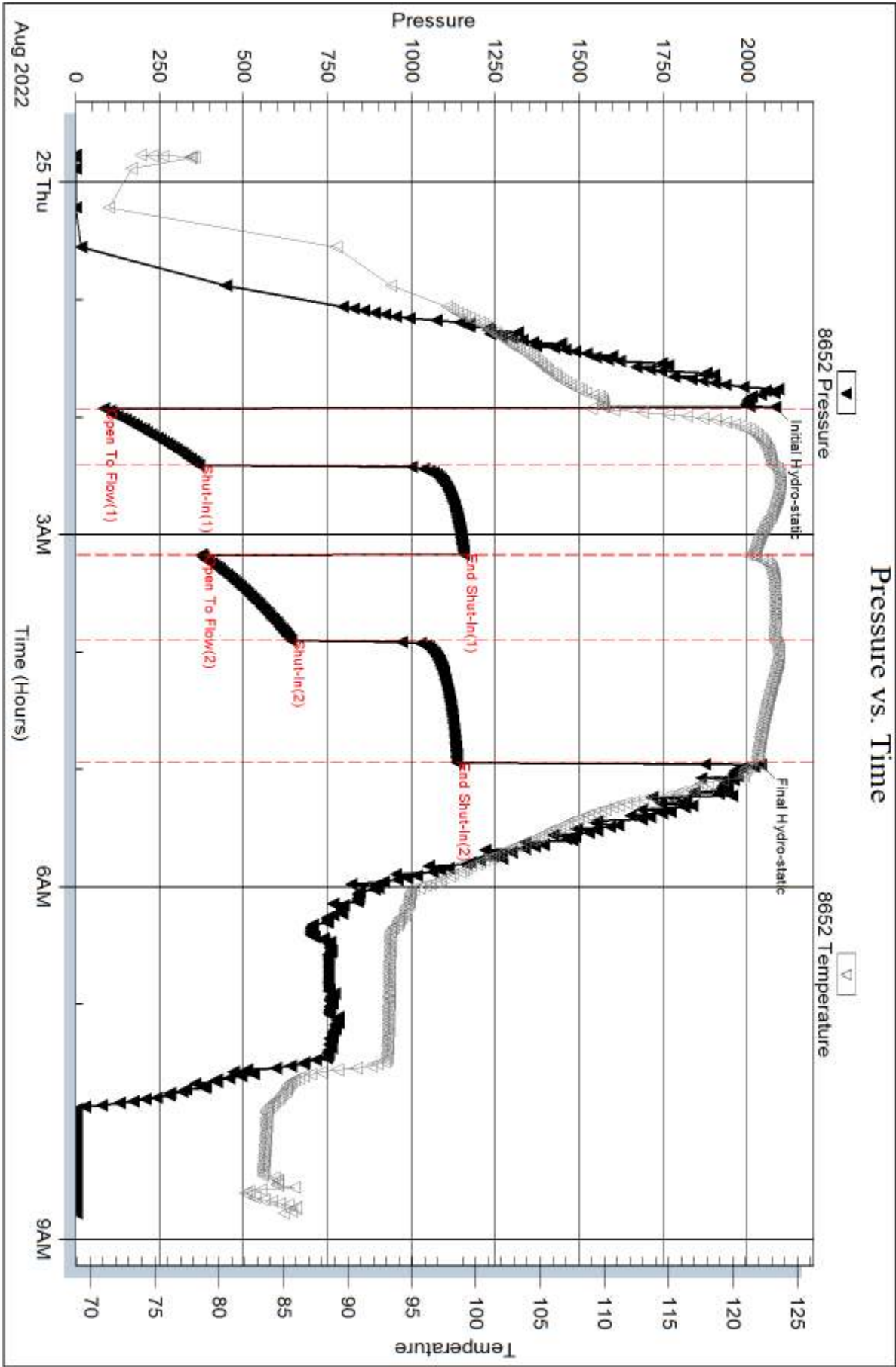
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 4# LCM



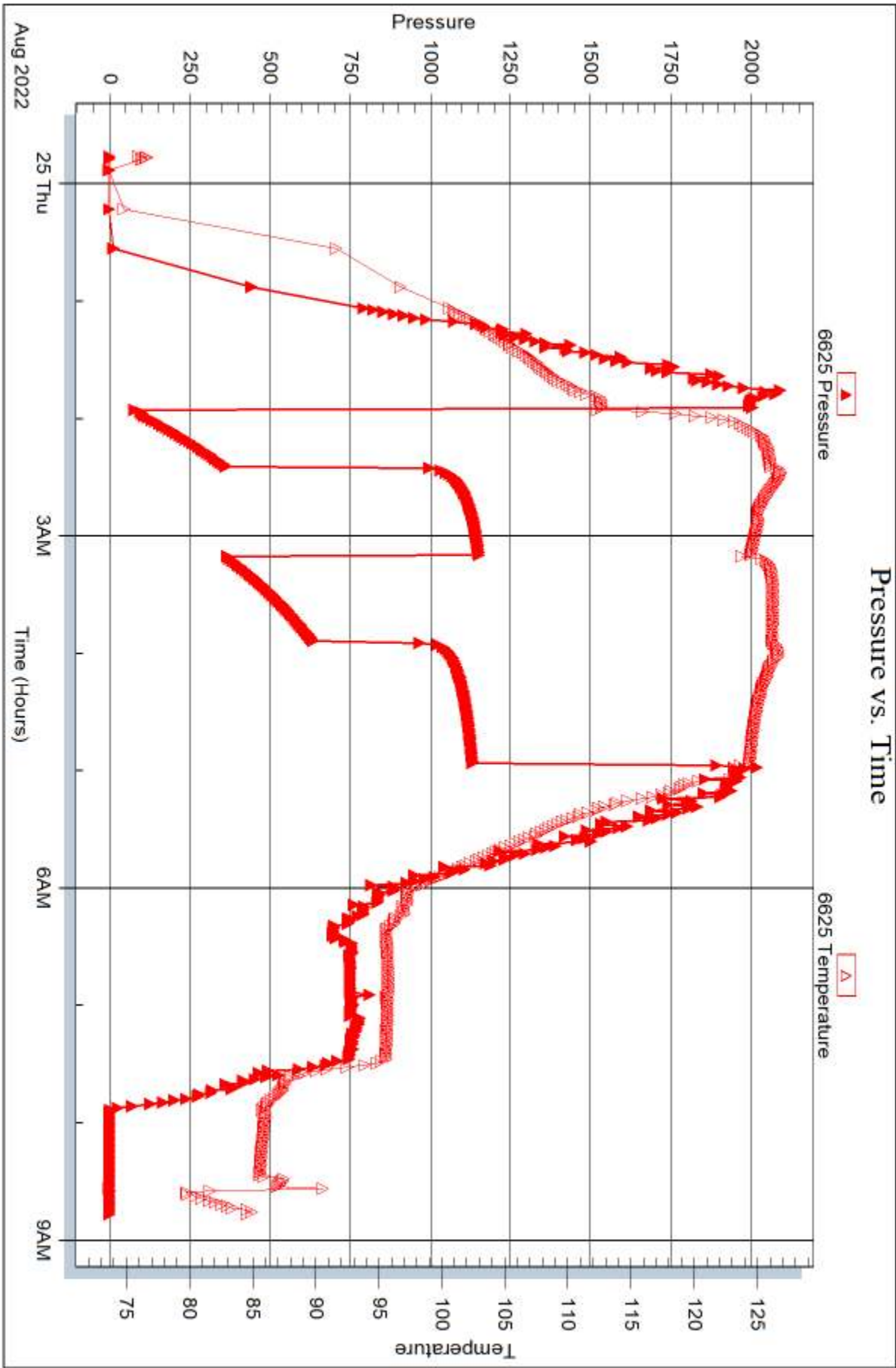
Serial #: 6625

Inside

Landmark Resources Inc.

Godfrey-Wessel #1-32

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Landmark Resources Inc.**

4900 Woodway Dr.
Suite 880
Houston, TX 77056

ATTN: Terry McLeod

Godfrey-Wessel #1-32

32-6s-28w Sheridan,KS

Start Date: 2022.08.25 @ 17:33:00

End Date: 2022.08.26 @ 01:53:15

Job Ticket #: 69018 DST #: 5

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

Printed: 2022.08.30 @ 12:11:03



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources Inc.

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

32-6s-28w Sheridan,KS

Godfrey-Wessel #1-32

Job Ticket: 69018

DST#: 5

Test Start: 2022.08.25 @ 17:33:00

GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:41:15

Time Test Ended: 01:53:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4080.00 ft (KB) To 4114.00 ft (KB) (TVD)

Total Depth: 4114.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 4785.00 ft (KB)

4780.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8652 Outside

Press@RunDepth: 193.69 psig @ 4081.00 ft (KB)

Start Date: 2022.08.25

End Date:

2022.08.26

Start Time: 17:33:05

End Time:

01:53:14

Capacity: 8000.00 psig

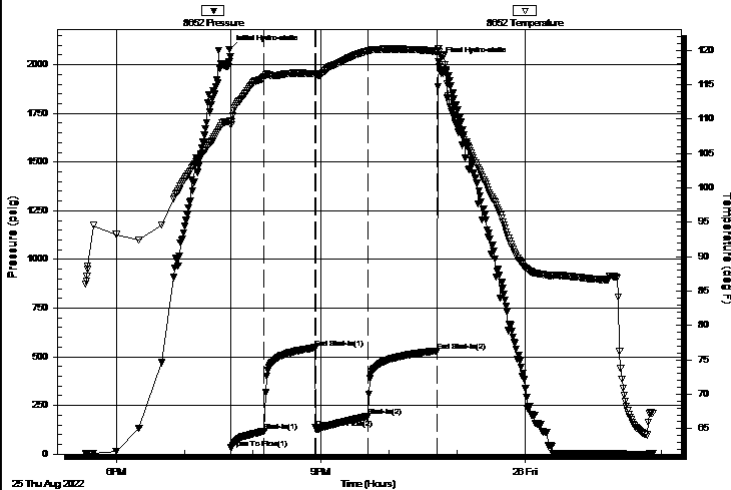
Last Calib.: 2022.08.26

Time On Btm: 2022.08.25 @ 19:39:45

Time Off Btm: 2022.08.25 @ 22:44:00

TEST COMMENT: IF-30- BOB in 11 min, built to 38"
SI1-45- Built to 5 1/2"
FF-45- BOB in 10 min, Built to 47 1/4"
SI2-60- Built to 8 1/4"

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2078.83	109.64	Initial Hydro-static
2	32.14	109.13	Open To Flow (1)
31	118.79	116.17	Shut-In(1)
76	546.06	116.60	End Shut-In(1)
76	131.04	116.54	Open To Flow (2)
122	193.69	119.88	Shut-In(2)
183	530.36	119.87	End Shut-In(2)
185	2014.22	120.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GMCO 30%gas 40%oil 30%mud	0.89
126.00	GMCO 30%gas 50%oil 20% mud	1.77
166.00	GO 15%gas 85%oil	2.33
0.00	716 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Landmark Resources Inc.

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

32-6s-28w Sheridan,KS

Godfrey-Wessel #1-32

Job Ticket: 69018

DST#: 5

Test Start: 2022.08.25 @ 17:33:00

GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:41:15

Time Test Ended: 01:53:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4080.00 ft (KB) To 4114.00 ft (KB) (TVD)

Total Depth: 4114.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 4785.00 ft (KB)

4780.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 4081.00 ft (KB)

Start Date: 2022.08.25

End Date:

2022.08.26

Start Time: 17:33:05

End Time:

01:53:14

Capacity: 8000.00 psig

Last Calib.:

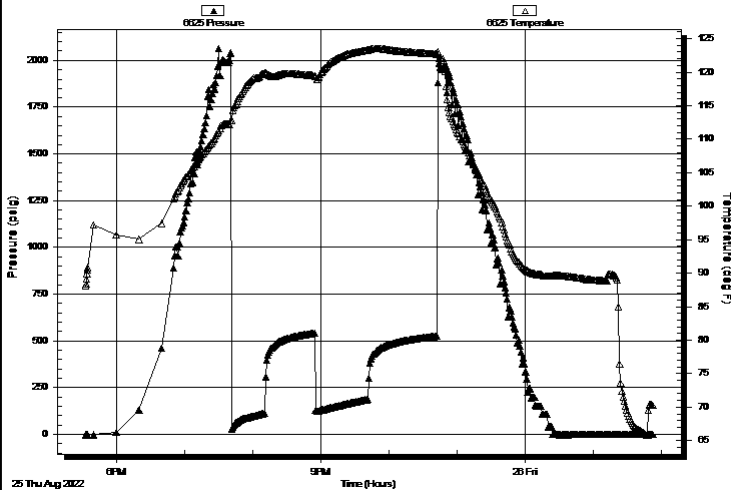
2022.08.26

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30- BOB in 11 min, built to 38"
SI1-45- Built to 5 1/2"
FF-45- BOB in 10 min, Built to 47 1/4"
SI2-60- Built to 8 1/4"

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
-------------	-----------------	--------------	------------

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GMCO 30%gas 40%oil 30%mud	0.89
126.00	GMCO 30%gas 50%oil 20% mud	1.77
166.00	GO 15%gas 85%oil	2.33
0.00	716 GIP	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Landmark Resources Inc.

32-6s-28w Sheridan,KS

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Godfrey-Wessel #1-32

Job Ticket: 69018

DST#: 5

Test Start: 2022.08.25 @ 17:33:00

Tool Information

Drill Pipe:	Length:	3877.00 ft	Diameter:	3.80 inches	Volume:	54.38 bbl	Tool Weight:	2900.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	180.00 ft	Diameter:	2.25 inches	Volume:	0.89 bbl	Weight to Pull Loose:	60000.00 lb
					Total Volume:	55.27 bbl	Tool Chased	ft
Drill Pipe Above KB:		8.00 ft					String Weight: Initial	56000.00 lb
Depth to Top Packer:		4080.00 ft					Final	59000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		34.00 ft						
Tool Length:		65.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			4050.00		
shut In Tool	5.00			4055.00		
hydraulic tool	5.00			4060.00		
Jars	5.00			4065.00		
EM Tool	3.00			4068.00		
Safety Joint	3.00			4071.00		
Packer	5.00			4076.00	31.00	Bottom Of Top Packer
Packer	4.00			4080.00		
Stubb	1.00			4081.00		
Recorder	0.00	6625	Inside	4081.00		
Recorder	0.00	8652	Outside	4081.00		
perforations	30.00			4111.00		
Bullnose	3.00			4114.00	34.00	Bottom Packers & Anchor

Total Tool Length: 65.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Landmark Resources Inc.

32-6s-28w Sheridan,KS

4900 Woodway Dr.
Suite 880
Houston, TX 77056
ATTN: Terry McLeod

Godfrey-Wessel #1-32

Job Ticket: 69018

DST#: 5

Test Start: 2022.08.25 @ 17:33:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 8.78 in³

Resistivity: ohm.m

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

36 deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	GMCO 30%gas 40%oil 30%mud	0.885
126.00	GMCO 30%gas 50%oil 20% mud	1.767
166.00	GO 15%gas 85%oil	2.329
0.00	716 GIP	0.000

Total Length: 472.00 ft

Total Volume: 4.981 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

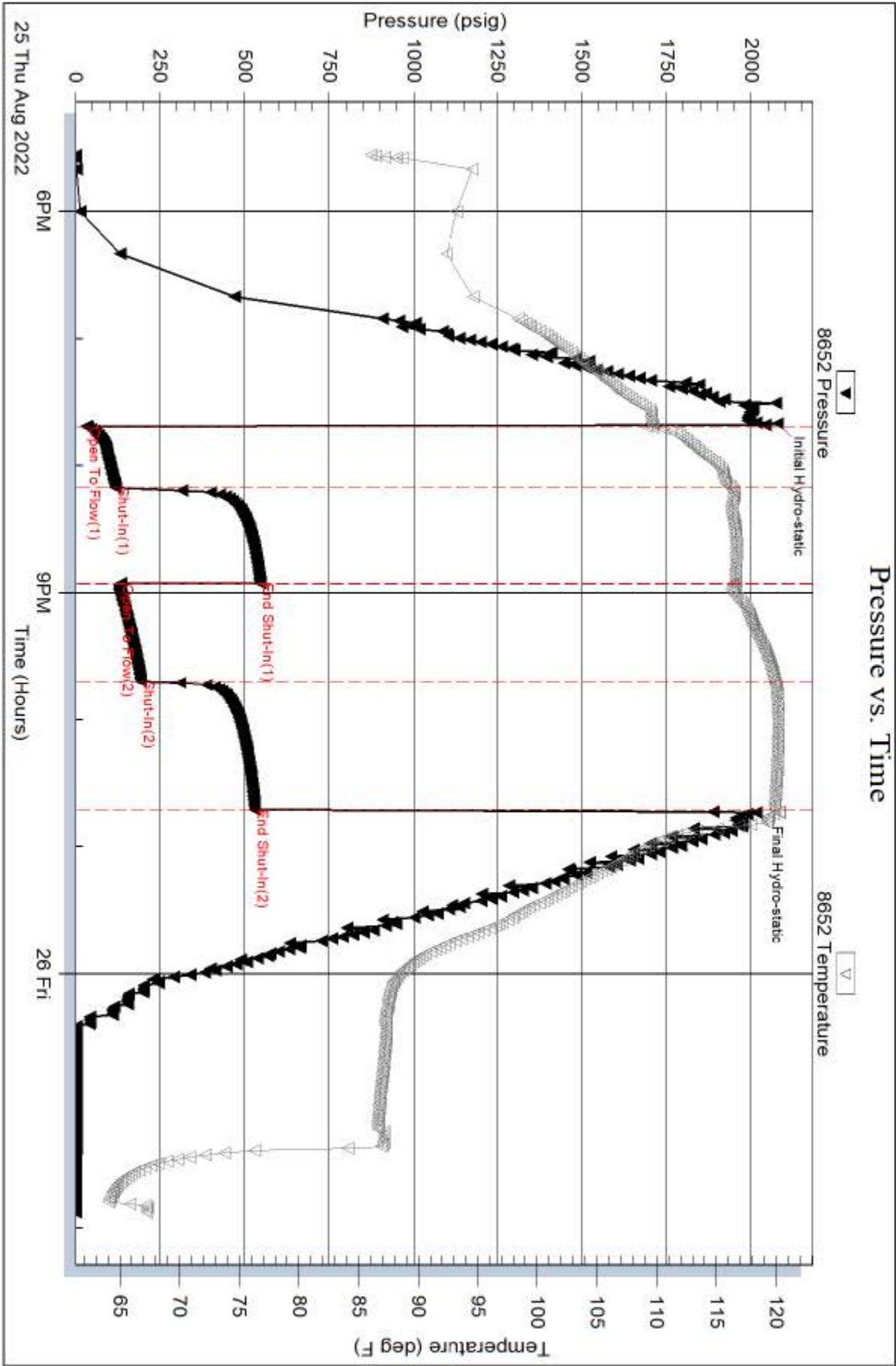
Recovery Comments: 2# LCM

Serial #: 8652

Outside Landmark Resources Inc.

Godfrey-Wessel #1-32

DST Test Number: 5



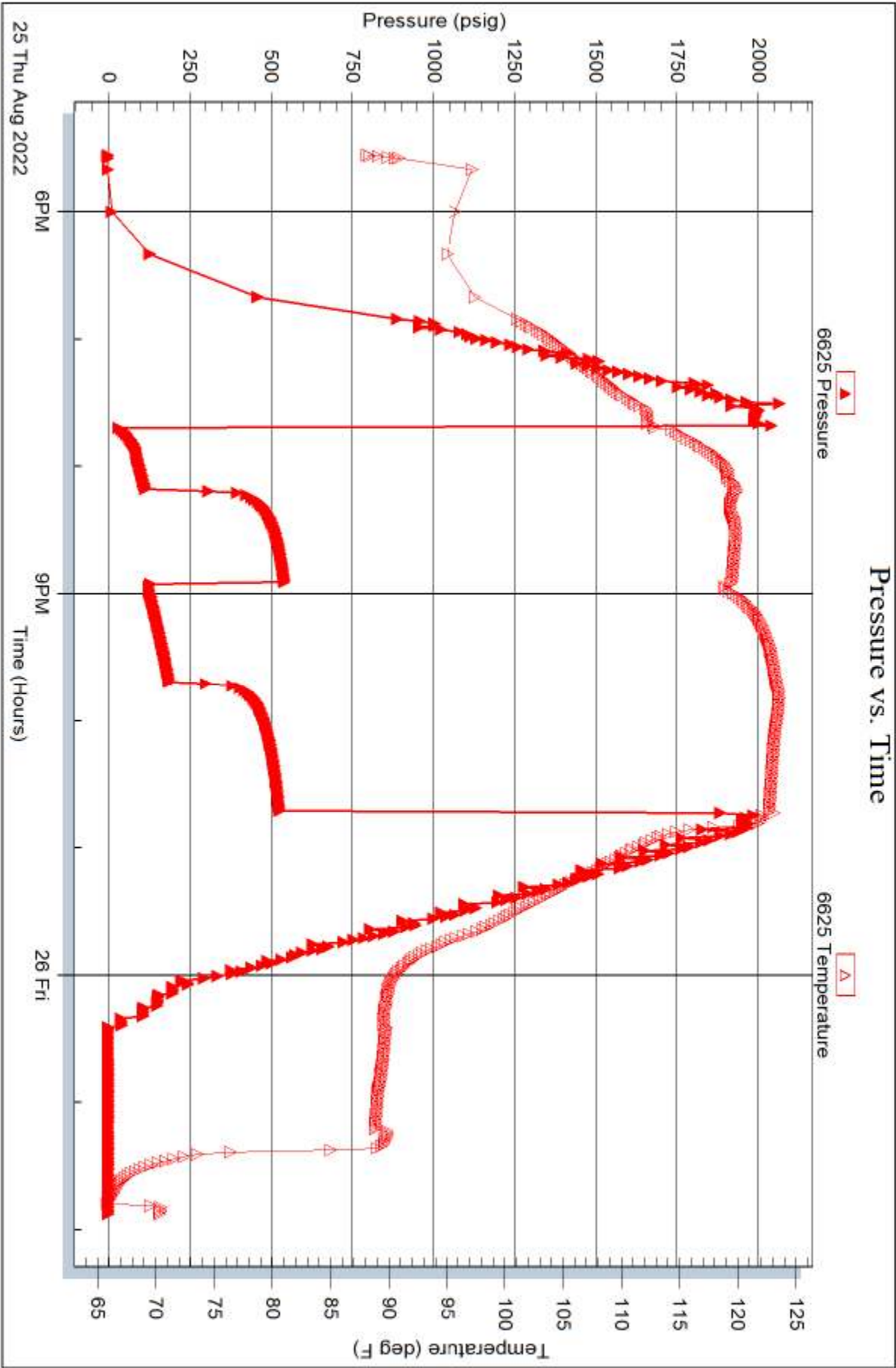
Serial #: 6625

Inside

Landmark Resources Inc.

Godfrey-Wessel #1-32

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69014**

Well Name & No. Godfrey-Wessel Unit #1-32 Test No. 1 Date 8/23/22
 Company Landmarks Resources Inc. Elevation 4785 KB 4780 GL
 Address 4900 Woodway Dr Suite 880 Houston, TX 77056
 Co. Rep / Geo. Terry McLeod Rig Murfin Rig #8
 Location: Sec. 32 Twp 6 Rge. 28 Co. Shenandoah State KS

Interval Tested 3947-3964 Zone Tested 4cc A
 Anchor Length 17 Drill Pipe Run 3750 Mud Wt. 8.9
 Top Packer Depth 3942 Drill Collars Run 180 Vls 57
 Bottom Packer Depth 3947 Wt. Pipe Run 0 WL 6.4
 Total Depth 3964 Chlorides 1300 ppm System LCM 3#

Blow Description IF- Built to 2"

512- No return

FF- Built to 1"

512- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>MCW</u>			<u>70</u>	<u>30</u>
<u>75</u>	<u>Mud</u>			<u>100</u>	<u>0</u>

Rec Total 125 BHT 115 Gravity 1800 API RW 11 @ 55 °F Chlorides 92000 ppm

(A) Initial Hydrostatic 2003
 (B) First Initial Flow 74
 (C) First Final Flow 84
 (D) Initial Shut-In 1271
 (E) Second Initial Flow 87
 (F) Second Final Flow 163
 (G) Final Shut-In 1237
 (H) Final Hydrostatic 1970

☒ Test 1800
☒ Jars 300
☒ Safety Joint
☒ Circ Sub 121A
☐ Hourly Standby
☒ Mileage 56 84
☐ Sampler
☐ Straddle
☒ Shale Packer 250
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 2434

T-On Location 23:10
 T-Started 00:11
 T-Open 02:41
 T-Pulled 05:27
 T-Out 07:41
 Comments
☒ EM Tool -350
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total -350
 Total 2084
 MP/DST Disc't

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Approved By _____

Our Representative Justin D.

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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69015**

Well Name & No. Godfrey-Wessel Unit # 1-32 Test No. 2 Date 8/23/22
 Company Landmark Resources Inc Elevation 4785 KB 4780 GL
 Address 4900 Woodway Dr Suite 880 Houston TX 77056
 Co. Rep / Geo. Terry McLeod Rig Murfin Rig #8
 Location: Sec. 32 Twp 6 Rge. 28 Co. Sheridan State KS

Interval Tested 3963 - 3980 Zone Tested LKCC
 Anchor Length 17 Drill Pipe Run 3783 Mud Wt. 9.2
 Top Packer Depth 3958 Drill Collars Run 180 Vis 61
 Bottom Packer Depth 3963 Wt. Pipe Run 0 WL 7.2
 Total Depth 3980 Chlorides 1300 ppm System LCM 4#

Blow Description IF-Built to 2"

S11- No return

FF-Built to 1 1/2"

S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>WCM</u>			<u>20%</u>	<u>80%</u>
<u>10</u>	<u>90</u>	<u>2%</u>	<u>98%</u>		

Rec Total 70 BHT 114 Gravity 10 API RW 09 @ 67 °F Chlorides 94000 ppm

(A) Initial Hydrostatic 2060

(B) First Initial Flow 22

(C) First Final Flow 34

(D) Initial Shut-In 1187

(E) Second Initial Flow 38

(F) Second Final Flow 53

(G) Final Shut-In 1191

(H) Final Hydrostatic 2024

Initial Open 30

Initial Shut-In 45

Final Flow 60

Final Shut-In 90

☒ Test 1800

☒ Jars 300

☒ Safety Joint

☒ Circ Sub N/A

☐ Hourly Standby

☒ Mileage 56 84

☐ Sampler

☐ Straddle

☒ Shale Packer 250

☐ Extra Packer

☐ Extra Recorder

☐ Day Standby

☐ Accessibility

Sub Total 2434

T-On Location 13:50

T-Started 14:04

T-Open 16:03

T-Pulled 19:47

T-Out 22:11

Comments

☒ EM Tool -350

☐ Ruined Shale Packer

☐ Ruined Packer

☐ Extra Copies

Sub Total -350

Total 2084

MP/DST Disc't

Approved By

Our Representative DWJ

Tribolite 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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69016**

Well Name & No. Godfrey-Wessell Unit #1-32 Test No. 3 Date 8/24/22
 Company Landmark Resources Inc Elevation 4785 KB 4780 GL
 Address 4900 Woodway Dr Suite 880 Houston, TX 77056
 Co. Rep / Geo. Terry Mcleod Rig Murfin Rig #8
 Location: Sec. 32 Twp 6 Rge. 28 Co. Sheridan State K5

Interval Tested 4019-4037 Zone Tested LKC G
 Anchor Length 18 Drill Pipe Run 3814 Mud Wt. 9.2
 Top Packer Depth 4014 Drill Collars Run 180 Vis 55
 Bottom Packer Depth 4019 Wt. Pipe Run 0 WL 8.0
 Total Depth 4037 Chlorides 3000 ppm System LCM 4#

Blow Description IF- Built to 1 1/2"

S12- No return

FF- Built to 1"

S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>WCM</u>			<u>40</u>	<u>60</u>
<u>15</u>	<u>Mud</u>			<u>100</u>	<u>100</u>

Rec Total 75 BHT 116 Gravity 1950 API RW 10 @ 91 °F Chlorides 58000 ppm

(A) Initial Hydrostatic 2054 ☒ Test 300 T-On Location 27:46

(B) First Initial Flow 23 ☒ Jars 300 T-Started 09:55

(C) First Final Flow 40 ☒ Safety Joint 21A T-Open 11:49

(D) Initial Shut-In 1270 ☒ Circ Sub 21A T-Pulled 14:17

(E) Second Initial Flow 44 ☐ Hourly Standby 56 84 T-Out 16:31

(F) Second Final Flow 62 ☒ Mileage 56 84 Comments

(G) Final Shut-In 1245 ☐ Sampler

(H) Final Hydrostatic 1947 ☐ Straddle

☒ Shale Packer 250 ☒ EM Tool

☐ Extra Packer ☐ Ruined Shale Packer

☐ Extra Recorder ☐ Ruined Packer

☐ Day Standby ☐ Extra Copies

☐ Accessibility ☐ Sub Total 0

Sub Total 2584 Total 2584

Approved By DUST DG Our Representative DUST DG

Tribolite Testing Inc. shall not be liable for damaged or 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. **69017**

Well Name & No. Godfrey-Wessell Unit # 1-32 Test No. 4 Date 8/25/22
 Company Landmark Resources Inc Elevation 4785 KB 4780 GL
 Address 4900 Woodway Dr Suite 880 Houston, TX 77056
 Co. Rep / Geo. Terry McLeod Rig Murfin Rig #8
 Location: Sec. 32 Twp 6 Rge. 28 Co. Sheridan State KS

Interval Tested 4057-4077 Zone Tested LKC H
 Anchor Length 20 Drill Pipe Run 3876 Mud Wt. 92
 Top Packer Depth 4052 Drill Collars Run 180 Vis 55
 Bottom Packer Depth 4057 Wt. Pipe Run 0 WL 8.0
 Total Depth 4077 Chlorides 3000 ppm System LCM 4#

Blow Description IF BOB in 2min 15sec. built to 127"

SI2- BOB in 29min Built to 14 1/4"

FF BOB in 3min 45sec. Built to 120"

SI2- Built to 7 1/4"

Rec <u>1464</u>	Feet of <u>MC0</u>	%gas <u>65</u>	%oil <u>35</u>	%water <u>35</u>	%mud
Rec <u>1464</u>	Feet of <u>GO</u>	<u>25</u> %gas	<u>75</u> %oil	%water	%mud
Rec	Feet of <u>237' GIP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1707 BHT 121 Gravity 35 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2082 ☒ Test 1950 T-On Location 23:20
 (B) First Initial Flow 83 ☒ Jars 300 T-Started 23:46
 (C) First Final Flow 366 ☒ Safety Joint 50 T-Open 01:55
 (D) Initial Shut-In 1156 ☒ Circ Sub Drop Bar T-Pulled 04:55
 (E) Second Initial Flow 376 ☐ Hourly Standby 84 T-Out 08:48
 (F) Second Final Flow 641 ☒ Mileage 56 Comments
 (G) Final Shut-In 1135 ☐ Sampler
 (H) Final Hydrostatic 2040 ☐ Straddle ☒ EM Tool -350

Initial Open 30 ☐ Ruined Shale Packer
 Initial Shut-In 45 ☐ Ruined Packer
 Final Flow 45 ☐ Extra Packer
 Final Shut-In 60 ☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 2634 Sub Total -350
 Total 2254 MP/DST Disc't

Approved By _____ Our Representative DJF

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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69018**

Well Name & No. Godfrey-Wessell Unit #132 Test No. 5 Date 8/25/22
 Company Landmark Resources Inc Elevation 4785 KB 4780 GL
 Address 4900 Woodward Dr Suite 880 Houston TX 77056
 Co. Rep / Geo. Terry McLeod Rig Murfin Rig #8
 Location: Sec. 32 Twp 6 Rge. 28 Co. Sheridan State KS

Interval Tested 4080-4114 Zone Tested LKC D
 Anchor Length 34 Drill Pipe Run 3877 Mud Wt. 9.4
 Top Packer Depth 4075 Drill Collars Run 180 Vis 58
 Bottom Packer Depth 4080 Wt. Pipe Run 0 WL 8-8
 Total Depth 4114 Chlorides 4000 ppm System LCM 2#

Blow Description IF BOB in 11 min. Built to 38"

SLT Built to 5 1/2"

IF BOB in 10 min. Built to 47 1/4"

SLT Built to 8 1/4"

Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>GMCO</u>	<u>30%</u>	<u>40%</u>	<u>30%</u>	<u>mud</u>
<u>126</u>	<u>GMCO</u>	<u>30%</u>	<u>50%</u>	<u>20%</u>	<u>mud</u>
<u>166</u>	<u>GO</u>	<u>15%</u>	<u>85%</u>	<u>%water</u>	<u>%mud</u>
<u>716</u>	<u>GTP</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>

Rec Total 472 BHT 120 Gravity 36 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2079

(B) First Initial Flow 32

(C) First Final Flow 119

(D) Initial Shut-In 546

(E) Second Initial Flow 131

(F) Second Final Flow 194

(G) Final Shut-In 530

(H) Final Hydrostatic 2014

Initial Open 30

Initial Shut-In 45

Final Flow 45

Final Shut-In 60

☒ Test 1950

☒ Jars 300

☒ Safety Joint

☒ Circ Sub N/A

☐ Hourly Standby

☒ Mileage 56 168

☐ Sampler

☐ Straddle

☒ Shale Packer 250

☐ Extra Packer

☐ Extra Recorder 1d 7h

☒ Day Standby loaded 09:00 8/27

☐ Accessibility

Sub Total 2668

T-On Location 17:00

T-Started 17:33

T-Open 19:41

T-Pulled 22:41

T-Out 01:53

Comments

☒ EM Tool -175

☐ Ruined Shale Packer

☐ Ruined Packer

☐ Extra Copies

Sub Total 800 - 175

Total 3293

MP/DST Disc't

Approved By

Our Representative DJH

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HP Oilfield Services, LLC
383 Inverness Parkway, Suite 330
Englewood, CO 80112

Invoice

Date	Invoice #
8/19/2022	27965

Bill To
Landmark Resources 4900 Woodway Dr. Suite #880 Houston, TX 77056

Lease
Godfrey Wessell Unit 1-30

AUG 23 ENT'D

71730

Order by / P.O. No.	Terms
	Net 30

Description	Unit	Hrs / Qty	U/M	Rate	Amount
Class A Cement Service for: Godfrey Wessell Unit 1-30					
Field Ticket #: 2553 K-C					
Description: Please see Attached Field Ticket					
Pump Charge for Cement	CMT-103	1	ea	1,150.00	1,150.00
Pumptruck Mileage	CMT-800	40	ea	7.15	286.00
Mileage Delivery of Bulk Material - 40 x 11.75 = 470 x 1.75 = 822.50	CMT-800	470	ea	1.75	822.50
Surface Blend II, 2% Gel/3% CaCl	CMT	250	SKS	24.00	6,000.00T
Discount - Non-Taxable Items	CMT	1	ea	-451.70	-451.70
Discount - Taxable Items	CMT	1	ea	-1,200.00	-1,200.00T
Subtotal prior to Sales Taxes					6,606.80
KS & Sheridan County Sales Tax				8.50%	408.00
#58912 \$7014.80					

Thank you for your business.	Total \$7,014.80
------------------------------	-------------------------

I acknowledge that the payments terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300

JASON

Invoice

DATE	INVOICE #
8/28/2022	35498

BILL TO
Landmark Resources, Inc. 4900 Woodway Dr., Suite 880 Houston, TX 77056

- Acidizing
- Cement
- Tool Rental

73550

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-32	Godfrey-Wes...	Sheridan	Murfin Rig #8	Oil	Development	2 Stage Longstring	Jonathan
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				75	Miles	7.00	525.00
579D	Pump Charge - Two-Stage & Top To Bottom LongString				1	Job	2,200.00	2,200.00
290	D-Air				6	Gallon(s)	42.00	252.00T
281	Mud Flush				500	Gallon(s)	2.00	1,000.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00
403-5	5 1/2" Cement Basket				4	Each	300.00	1,200.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
408-5	5 1/2" D.V. Tool & Plug Set				1	Each	3,375.00	3,375.00T
409-5	5 1/2" Turbolizer				13	Each	100.00	1,300.00T
417-5	5 1/2" D.V. Latch Down Plug & Baffle				1	Each	250.00	250.00T
419-5	5 1/2" Rotating Head Rental				1	Each	250.00	250.00T
325	Standard Cement				165	Sacks	15.00	2,475.00T
284	Calseal				16	Sack(s)	50.00	800.00T
283	Salt				850	Lb(s)	0.25	212.50T
277	Gilsonite (Coal Seal)				825	Lb(s)	1.25	1,031.25T
292	Halad 322				78	Lb(s)	9.00	702.00T
329-8	60/40 Pozmix (8% Gel)				400	Sacks	13.00	5,200.00T
276	Flocele				100	Lb(s)	3.00	300.00T
581D	Service Charge Cement				565	Sacks	2.00	1,130.00
583D	Drayage				1,935.34	Ton Miles	1.00	1,935.34
	Subtotal							24,588.09
	Sales Tax Sheridan County						8.50%	1,589.31

RECEIVED
SEP 08 2022

pd.
#
59029
526,177.40

We Appreciate Your Business!	Total	\$26,177.40
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CHARGE TO: Landmark Resources Inc
ADDRESS
CITY, STATE, ZIP CODE

TICKET
35498

PAGE 1 OF 2

SERVICE LOCATIONS		WELL/PROJECT NO.		LEASE		COUNTY/PARISH		STATE		CITY		DATE		OWNER	
1. Hays, KS		1-32		Goodfry - Wessel Unit		Sheridan		KS				08/28/22		Same	
2. Ness City, KS		TICKET TYPE ☒ SERVICE ☐ SALES		CONTRACTOR		RIG NAME/NO.		SHIPPED VIA		DELIVERED TO		ORDER NO.			
		WELL TYPE		WELL CATEGORY		JOB PURPOSE				WELL PERMIT NO.		WELL LOCATION			
3.		Dil		Development		2-Stage Long String									
4.															
REFERRAL LOCATION		INVOICE INSTRUCTIONS													

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY. U/M			UNIT PRICE	AMOUNT
		LOC	ACCT	DF						
575		1			MILEAGE #113	75	mi		7.25	525.00
579		1			Pump Charge - Two Stage Long String	1	EA		2200.00	2200.00
290		1			D-Air	10	gal		4.20	252.00
281		1			Mud Flush	500	gal		2.00	1000.00
221		1			Liquid Kcl	4	gal		25.00	100.00
403		1			Cement Basket 5 1/2"	4	EA		300.00	1200.00
407		1			Insert Float shoe w/ Auto P.I. 5 1/2"	1	EA		350.00	350.00
408		1			D.V. Tool & Plug Set 5 1/2"	1	EA		3375.00	3375.00
404		1			Turbolizer 5 1/2"	13	EA		100.00	1300.00
417		1			D.V. Latch Down Plug + Baffle 5 1/2"	1	EA		250.00	250.00
419		1			Rotating Head Rental 5 1/2"	1	EA		250.00	250.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

DATE SIGNED _____ TIME SIGNED _____

☐ A.M. ☐ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY		AGREE		UNDECIDED		DISAGREE	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?							
WE UNDERSTOOD AND MET YOUR NEEDS?							
OUR SERVICE WAS PERFORMED WITHOUT DELAY?							
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?							
ARE YOU SATISFIED WITH OUR SERVICE?		☐ YES ☐ NO					
CUSTOMER DID NOT WISH TO RESPOND							

TOTAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR [Signature] APPROVAL [Signature]

Thank You!

PO Box 466
Ness City, KS 67560
Off: 785-798-2300

CUSTOMER
Landmark Resources

WELL	DATE
Cooling vessel Unit 1-32	09/28/22

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TICKET CONTINUATION

TICKET No. 35498

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QUANTITY				UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
325		2				Standard Cement	165	Sks			15.00	2475.00
284		2				Cal Seal	16	Sks			50.00	800.00
283		2				Salt	850	Lbs			0.25	212.50
277		2				Coal Seal (Gilsouik)	825	Lbs			1.25	1031.25
292		2				Alkal 322	78	Lbs			9.00	702.00
324.8		2				60/40 Pozmix (8% Gel)	400	Sks			13.00	5200.00
276		2				Fluxels	100	Lbs			3.00	300.00
581		2									2.00	1.30
583		2									1.00	1935.34
SERVICE CHARGE Cement MILEAGE CHARGE 816.09 TOTAL WEIGHT 75 LOADED MILES 1935.34 TON MILES 565 Sks												
CONTINUATION TOTAL												13,786.09

JOB LOG

SWIFT Services, Inc.

DATE

08/28/22

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CUSTOMER

Landmark Resources

WELL NO.

1-32

LEASE

Godfrey-Wessel Unit

JOB TYPE

2-Stage L.S.

TICKET NO.

35498

CHART
NO.

TIME

RATE
(BPM)VOLUME
(BBL) (GAL)PUMPS
T CPRESSURE (PSI)
TUBING CASING

DESCRIPTION OF OPERATION AND MATERIALS

08/27

2300

On location w/Float Equipment
Rig Changing Over.

TD - 4540'

4510' of 5 1/2" x 15.5 #

Shoe JT - 42.45'

D.V. Tool - Top of Marker Joint
in Between 49 + 50 @ 2527'Turbolizers - 4, 7, 8, 10, 12, 13, 13.5,
14, 15, 17, 18, 49, 50

Baskets - 7, 13, 5, 18, DV Marker JT

0050

0330

Start Casing w/F.E.

Break Circulation on Btm

Hook up to Swift

0520

5

12

600

Pump Mud Plug

5

20

600

Pump KCL Spacer

Take on Mud for Displacement

4

600

Start EA2 Cement

0555

4

39

VAC

Finish Cement

Drop Plug, Washout ATL

0610

3 1/2

Start Displacement w/water

3 1/2

45

Switch to Mud

5

105

800

Finish Mud, Lift Pressure - 800 #

0630

5

106

1600

Land Plug w/water - 1600 #

Release Truck, Dry

Drop Bomb

Wash up Truck while waiting for

Bomb to Drop

Hook up to Casing

0650

4

3

800

Open D.V. Tool

0700

Hook up to Circulate for 1 hr

0800

Hook up to Swift

Continued on Page 2 →

JOB LOG

SWIFT Services, Inc.

DATE

08/28/22

PAGE NO.

2

CUSTOMER

Land Mark Reg.

WELL NO.

1-32

LEASE

Godfrey-Wesel Unit

JOB TYPE

2 Stage L.S.

TICKET NO.

35498

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0800							Hook up to Swift for Top stage
	0805	2	7					Plug Ratthole w/ 30 SKS
		2	4					Plug Mousehole w/ 15 SKS
	0820	5	20				300	Pump KCL spacer
		5 1/2	3				300	Start Cement, 60/40 Poz (8% Gel)
		5 1/2	135				Vac	Finish Cement
								Drop Plug
	0900	6 1/4						Start Displacement
		6 1/4	24				500	Catch Pressure
							750	Lift
	0915	6 1/4	60				1350	Land, Cmt Circulated to Surface
								Release Truck, Dry
								Wash up
								Rack up
	0930							Job Complete
								Thanks
								Jon, Joe, Preston, Mark, Isaac