

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)</i> <i>(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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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	HUBIN UNIT 2-10
Doc ID	1656126

Tops

Name	Top	Datum
Anhydrite	1487	850
Base	1525	812
Heebner	3876	-1539
Lansing	3939	-1602
Bkc	4315	-1978
Marmaton	4337	-2000
Fort Scott	4475	2138
Cherokee	4500	-2163
Miss Warsaw	4560	-2223
RTD	4700	-2363
LTD	4705	-2368



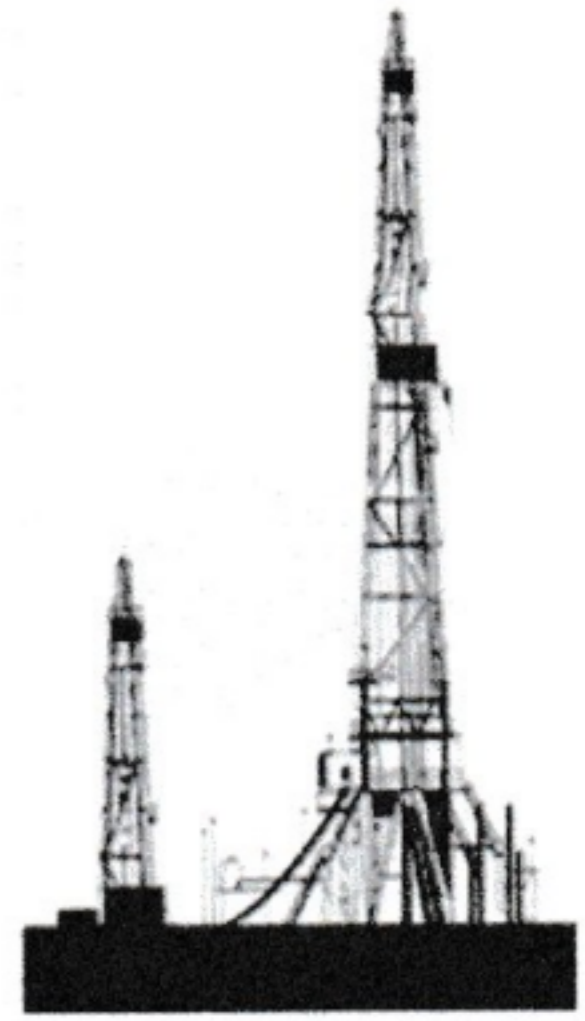
QUASAR ENERGY SERVICES, INC.

3288 FM 51

Gainesville, Texas 76240

Office: 940-612-3336

Fax: 940-612-3336 | qesi@qeserve.com



FRACTURING | ACID | CEMENT | NITROGEN

BID #: 5638	AFE#/PO#:
TYPE / PURPOSE OF JOB: LONG STRING	SERVICE POINT: Liberal, KS
CUSTOMER: AMERICAN WARRIOR	WELL NAME: HUBIN 2-10
ADDRESS: PO BOX 399	LOCATION: JETMORE, KS
CITY: GARDEN CITY STATE: KS ZIP: 67846	COUNTY: HODGEMAN STATE: KS

DATE OF SALE: 6/23/2022

QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
115	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.31	\$ 610.65
230	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.30	\$ 1,909.00
1	5623	L	Per Well	Pumping Service Charge -2	\$3,307.50	\$ 3,307.50
1	6030	L	Per Well	Plug Container	\$330.75	\$ 330.75
Subtotal for Pumping & Equipment Charges						\$ 6,157.90

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
50	5630	L	Per Sack	Cement - Class A	\$16.54	\$ 827.00
175	5640	L	Per Sack	Cement - Class H	\$19.85	\$ 3,473.75
1	4280	L	Each	Float Shoe (Blue) 5 1/2"	\$359.86	\$ 359.86
1	4370	L	Each	Latch Down Plug & Baffle 5 1/2"	\$859.95	\$ 859.95
1	4410	L	Each	Port Collar (F.O. Tool) Blue 5 1/2"	\$3,969.00	\$ 3,969.00
8	4450	L	Each	Centralizers 5 1/2"	\$66.15	\$ 529.20
1	4470	L	Each	Cement Basket 5 1/2"	\$304.29	\$ 304.29
66	5710	L	Per Lb.	C-15 Low Temp-Non Retarding Fluid Loss	\$11.25	\$ 742.50
2	5751	L	Per Gal.	C-41L Defoamer Liquid	\$46.31	\$ 92.62
350	5803	L	Per Lbs.	Tactical Blitz	\$2.51	\$ 878.50
1,650	5850	L	Per Lb.	Gypsum	\$1.00	\$ 1,650.00
420	5870	L	Per Gal.	Mud Flush	\$1.32	\$ 554.40
1,050	5890	L	Per Lb.	Salt	\$0.50	\$ 525.00
Subtotal for Material Charges						\$ 14,766.07

MANHOURS: 0	# WORKERS: 3	TOTAL	\$ 20,923.97
WORKERS		DISCOUNT: 15%	DISCOUNT \$ 3,138.60
Chad Hinz		DISCOUNTED TOTAL \$ 17,785.37	
Jesse Paxton			
Noel Leon			

STAMPS & NOTES:

As of 9/22/15 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.

CUSTOMER SIGNATURE & DATE

Signature: *Emigdio Rojas* Date: 6/23/22

Print Name: *Emigdio Rojas*

*All accounts are past due net 30 days following the date of invoice. A finance charge of 1-1/2% per month or 18% annual percentage rate will be charged on all past due accounts.



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 Gainesville, Texas 76240
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Form 185-2J

6/23/22
 CEMENTING JOB LOG

CEMENTING JOB LOG

Company: AMERICAN WARRIOR		Well Name: HUBIN 2-10	
Type Job: LONG STRING		AFE #:	
CASING DATA			
Size:	5 1/2	Grade:	J55
		Weight:	15.5
Casing Depths	Top: 0	Bottom:	4699.36
Drill Pipe:	Size: 0	Weight:	0
Tubing:	Size: 0	Weight:	0
		Grade:	0
		TD (ft):	4700
Open Hole:	Size: 7 7/8	T.D. (ft):	4700
Perforations	From (ft):	To:	Packer Depth(ft):
CEMENT DATA			
Spacer Type:			
Amt.	Sks Yield	ft ³ /sk	Density (PPG)
LEAD:	CLASS A		Excess
Amt.	50	Sks Yield 1.17	ft ³ /sk
		Density (PPG)	15.65
TAIL:	CLASS H 10%GYP, 2#TACTICAL BLITZ, .4%C15, 10%SALT		Excess
Amt.	175	Sks Yield 1.51	ft ³ /sk
		Density (PPG)	14.81
WATER:			
Lead:	5.2	gals/sk: 6.2	Tail: 7.15
		gals/sk: 29.8	Total (bbls): 36
Pump Trucks Used:	210-DP11		
Bulk Equipment:	230 660-24		
Disp. Fluid Type:	FRESH	Amt. (Bbls.)	111
		Weight (PPG):	8.3
Mud Type:			
COMPANY REPRESENTATIVE:			CEMENTER: Chad Hinz

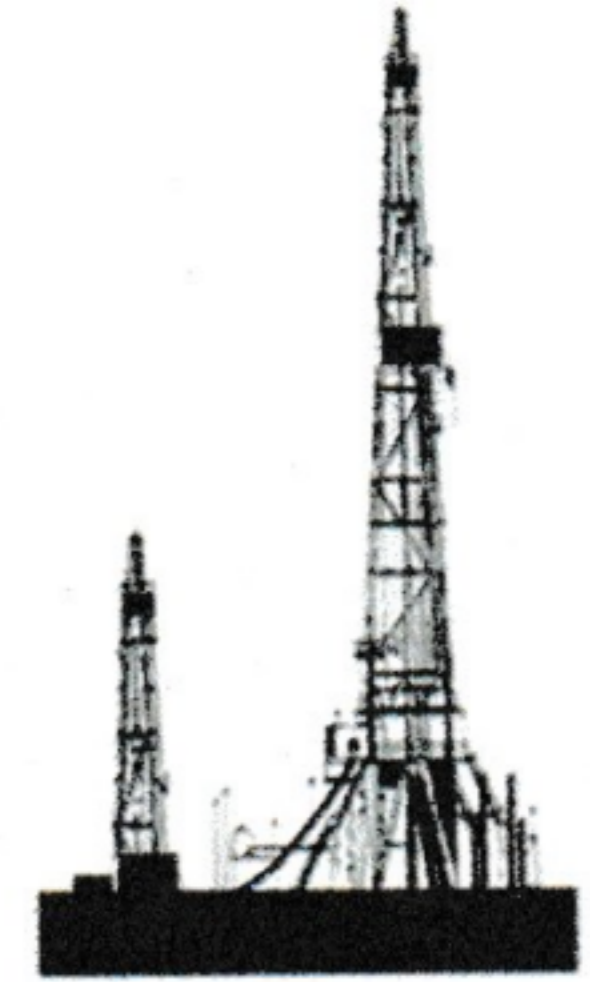
TIME	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	AM/PM	Casing	Tubing	ANNULUS	TOTAL	
0745						ON LOC, SAFTEY MTG, R.U.
1135		3500				TEST LINES
1136		180				4.2 PUMP MUD FLUSH
1140		180			10	4.2 H2O SPACER
1142					5	PLUG RAT AND MOUSE
1154		230				6 START MIXING
1206					47	SHUT DOWN, WASHUP, DROP PLUG
1211		200				6 START DISPLACEMENT
1228		580			101	2 SLOW RATE
1233		780-1542			111	PLUG DOWN
1235						RELEASE PSI, FLOAT HELD
						JOB COMPLETE
						THANK YOU FOR YOUR BUSINESS!!!

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FRACTURING | ACID | CEMENT | NITROGEN

BID #: 5606	AFE#/PO#: 0
TYPE / PURPOSE OF JOB: SURFACE	SERVICE POINT: Liberal, KS
CUSTOMER: AMERICAN WARRIOR	WELL NAME: HUBIN 2-10
ADDRESS: PO BOX 399	LOCATION: JETMORE, KS
CITY: GARDEN CITY STATE: KS ZIP: 67846	COUNTY: HODGEMAN STATE: KS
DATE OF SALE: 6/17/2022	

QTY.	CODE	YD	UNIT	PUMPING AND EQUIPMENT USED	UNIT PRICE	AMOUNT
115	1000	L	Mile	Mileage - Pickup - Per Mile	\$5.31	\$ 610.65
230	1010	L	Mile	Mileage - Equipment Mileage - Per Mile	\$8.30	\$ 1,909.00
1	5622	L	Per Well	Pumping Service Charge -1	\$2,315.25	\$ 2,315.25
Subtotal for Pumping & Equipment Charges						\$ 4,834.90

QTY.	CODE	YD	UNIT	MATERIALS	UNIT PRICE	AMOUNT
175	5630	L	Per Sack	Cement - Class A	\$16.54	\$ 2,894.50
350	5770	L	Per Lb.	Calcium Chloride	\$1.46	\$ 511.00
41	5800	L	Per Lb.	Cello Flakes-Poly Flake 1/8" cut	\$2.65	\$ 108.65
350	5850	L	Per Lb.	Gypsum	\$1.00	\$ 350.00
350	5900	L	Per Lb.	Sodium Metasilicate (SMS) C-45	\$2.32	\$ 812.00

MANHOURS: 30	# WORKERS: 3	Subtotal for Material Charges	\$ 4,676.15
WORKERS		TOTAL	\$ 9,511.05
KIRBY HARPER		DISCOUNT: 10%	DISCOUNT \$ 951.11
CARLOS IBARRA		DISCOUNTED TOTAL \$ 8,559.95	
RUBIN MARTINEZ			

STAMPS & NOTES:

As of 9/22/15 any invoice with a discount must be paid within 60 days of the invoice date. After 60 days the discount will be removed and the invoice will reflect full price.

CUSTOMER SIGNATURE & DATE

Signature: *Fernando Jurado* Date: *06-17-22*

Print Name:

*All accounts are past due net 30 days following the date of invoice. A finance charge of 1-1/2% per month or 18% annual percentage rate will be charged on all past due accounts.

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Form 185-2J

6/17/22
 CEMENTING JOB LOG

CEMENTING JOB LOG

Company: AMERICAN WARRIOR		Well Name: HUBIN 2-10	
Type Job: SURFACE		AFE #: 0	
CASING DATA			
Size:	8 5/8	Grade:	J55
Weight:		Weight:	24
Casing Depths	Top: 20	Bottom:	314.42
Drill Pipe:	Size: 0	Weight:	0
Tubing:	Size: 0	Weight:	0
Open Hole:	Size: 12 1/4	T.D. (ft):	317
Perforations	From (ft): 0	To: 0	Packer Depth(ft): 0
CEMENT DATA			
Spacer Type:			
Amt.	Sks Yield	ft ³ /sk	Density (PPG)
LEAD:	CLASS A -- 2% CC, 2% SMS, 2% GYP, 1/4# CELLFLAKE		Excess
Amt.	175	Sks Yield 1.82	ft ³ /sk
TAIL:			Density (PPG) 13.3
Amt.	Sks Yield	ft ³ /sk	Density (PPG)
WATER:			
Lead:	gals/sk:	9.75	Tail: gals/sk: Total (bbls):
Pump Trucks Used:	110 - DP07		
Bulk Equipment:	229 - 660-23		
Disp. Fluid Type:	FRESH WATER	Amt. (Bbls.):	18.5
Mud Type:			Weight (PPG): 8.33
COMPANY REPRESENTATIVE:		CEMENTER: KIRBY HARPER	

TIME AM/PM	PRESSURES PSI			FLUID PUMPED DATA		REMARKS
	Casing	Tubing	ANNULUS	TOTAL	RATE	
0630						ON LOCATION -- SPOT AND RIG UP
0715						CASING ON BOTTOM -- BREAK CIRC
0728	150			5	4	START FW SPACER
0730	150			57	4	START MIXING 175 SK LC @ 13.3 PPG
07048	150			0	4	START DISPLACING WITH FRESH WATER
0757	200			18.5		SHUT DOWN -- SHUT IN VALVE

Geological Report

American Warrior, Inc.

Hubin Unit #2-10

302' FSL & 1344' FWL

Sec. 10, T23s, R23w

Hodgeman County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Hubin Unit #2-10
302' FSL & 1344' FWL
Sec. 10, T23s, R23w
Hodgeman County, Kansas
API # 15-083-22011-0000

Drilling Contractor: Duke Drilling Co. Rig #9

Geologist: Kevin Timson

Spud Date: June 17, 2022

Completion Date: June 23, 2022

Elevation 2324' G.L.
2337' K.B.

Directions: From the south side of Jetmore, KS. Go East .7 miles on L Rd. Go 1 miles South on 219 Rd. Go 2 miles East on K Rd. North into on West side of tank batteries.

Casing: 314' 8 5/8" #24 Surface Casing
1544' Port Collar
4699' 5 1/2" #15.5 Production Casing

Samples: 4300' to RTD 10' Wet & Dry

Drilling Time: 4300' to RTD

Electric Logs: Midwest Wireline "T. Martin"
Stack-Micro

Drillstem Tests: Two-Trilobite Testing "Chris Hagman"

Problems: None

Formation Tops
Hubin Unit #2-10
Sec. 10, T23s, R23w
302' FSL & 1344' FWL

Anhydrite	1487' +850
Base	1525' +812
Heebner	3876' -1539
Lansing	3939' -1602
Bkc	4315' -1978
Marmaton	4337' -2000
Fort Scott	4475' -2138
Cherokee	4500' -2163
Miss Warsaw	4560' -2223
RTD	4700' -2363
LTD	4705' -2368

Sample Zone Descriptions

Miss Warsaw (4560',-2223): Covered in DST #1

Dolomite Gray. Sub crystalline. Good vuggy and fair to good sucrosic porosity. Good stain, fair to good saturation, GSFO when broken. Fair to good odor. 100 unit gas kick. Good full cut florescence.

Drill Stem Tests
Trilobite Testing
"Chris Hagman"

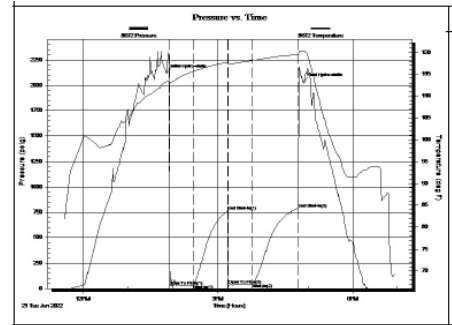
DST #1

Miss Warsaw

Interval (4516' – 4587') Anchor 71'

- IHP - 2123 #
- IFP - 30" – WSB built to .9" 26-38 #
- ISI - 45" – No return 765 #
- FFP - 30" – WSB built to .7" 40-53 #
- FSIP - 60" - No return 787 #
- FHP - 2034 #
- BHT - 119° F

Recovery: 10' O, 5' OCM (5% Oil)



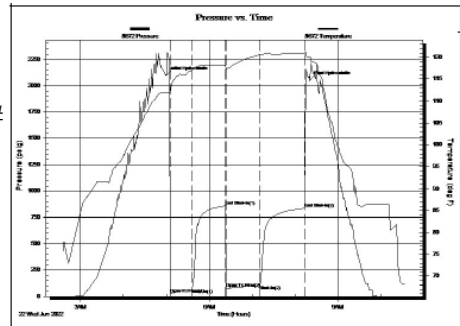
DST #2

Miss Warsaw

Interval (4580' – 4597') Anchor 17'

- IHP - 2096 #
- IFP - 30" – 11 inch blow 28-76 #
- ISI - 45" – No return 858 #
- FFP - 45" – BOB in 30 min 77-106 #
- FSIP - 60" – No return 836#
- FHP - 2051 #
- BHT - 121°F

Recovery: 252' GIP
183' GO (75% Oil)
60' WGOCM (30% Oil)



Structural Comparison

Formation	American Warrior, Inc Hubin Unit #2-10 Sec 10, T23s, R23w 302' FSL & 1344' FWL		American Warrior Inc Hubin #1-10 Sec 10, T23s, R23w 1394' FSL & 2240' FWL		American Warrior, Inc. Hubin #2-10 B Sec 10, T23s, R23w 455' FSL & 2220' FWL
Heebner	3876' -1539	-4	3890' -1535	-5	3863' -1534
Lansing	3939' -1602	-4	3953' -1598	-4	3927' -1598
BKc	4315' -1978	-1	4332' -1977	-3	4304' -1975
Marmaton	4337' -2000	+2	4357' -2002	-1	4328' -1999
Fort Scott	4475' -2138	FL	4493' -2138	-1	4466' -2137
Cherokee	4500' -2163	-1	4517' -2162	-1	4491' -2162
Miss War.	4560' -2223	FL	4578' -2223	FL	4552' -2223

Summary

The location for the Hubin Unit #2-10 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, one of which recovered commercial amounts of oil from the Miss Warsaw formation. After all the gathered data had been examined, the decision was made to run 5 1/2" casing to further evaluate the Hubin Unit #2-10 well.

Recommended Perforations

Primary Warsaw (4587' to 4597')

Respectfully Submitted,

Kevin Timson
American Warrior, Inc.



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.
P.O. Box 399
Garden City, KS 67846
ATTN: Kevin Timson

10/23S/23w
Hubin Unit 2-10
Job Ticket: 68525 **DST#: 1**
Test Start: 2022.06.21 @ 11:35:00

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: 2336.00 ft (KB)
Time Tool Opened: 13:55:02
Time Test Ended: 18:57:02
Interval: **4516.00 ft (KB) To 4587.00 ft (KB) (TVD)**
Total Depth: 4587.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 69
Reference Elevations: 2336.00 ft (KB)
2324.00 ft (CF)
KB to GR/CF: 12.00 ft

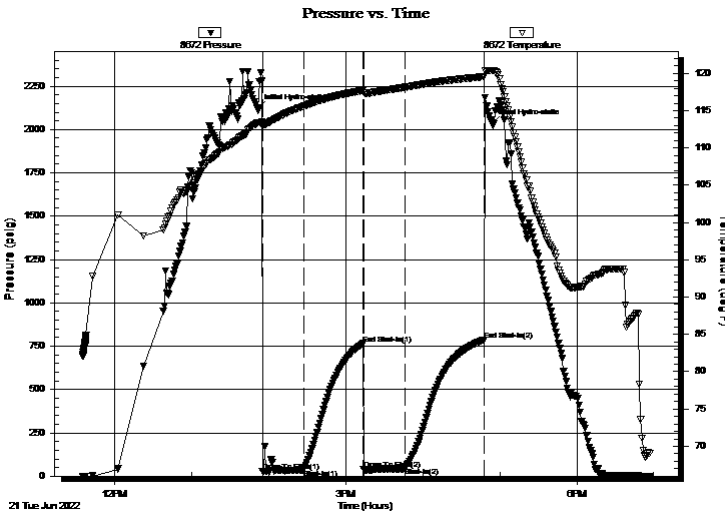
Serial #: 8672

Inside

Press@RunDepth: 53.25 psig @ 4519.00 ft (KB) Capacity: psig
Start Date: 2022.06.21 End Date: 2022.06.21 Last Calib.: 1899.12.30
Start Time: 11:35:01 End Time: 18:57:02 Time On Btm: 2022.06.21 @ 13:51:02
Time Off Btm: 2022.06.21 @ 16:54:02

TEST COMMENT: IF: 30 min., weak building blow, .9 inches
IS: 45 min., no blow back
FF: 30 min., weak building blow, .7 inches
FS: 60 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2123.01	113.34	Initial Hydro-static
5	26.44	112.84	Open To Flow (1)
37	38.45	115.58	Shut-In(1)
83	764.65	117.65	End Shut-In(1)
83	40.36	117.44	Open To Flow (2)
116	53.25	118.14	Shut-In(2)
177	787.10	119.59	End Shut-In(2)
183	2034.13	120.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Oil	0.05
5.00	oily mud 5%O,95%M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.
P.O. Box 399
Garden City, KS 67846
ATTN: Kevin Timson

10/23S/23w
Hubin Unit 2-10
Job Ticket: 68525 **DST#: 1**
Test Start: 2022.06.21 @ 11:35:00

GENERAL INFORMATION:

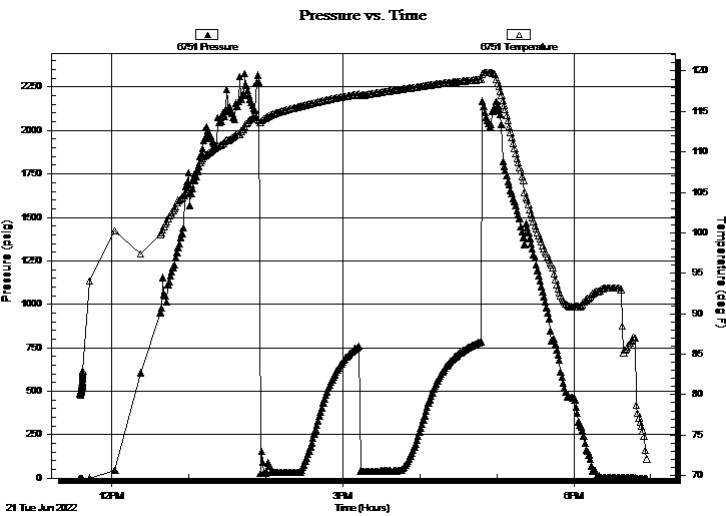
Formation: **Miss.**
 Deviated: No Whipstock: 2336.00 ft (KB)
 Time Tool Opened: 13:55:02
 Time Test Ended: 18:57:02
 Interval: **4516.00 ft (KB) To 4587.00 ft (KB) (TVD)**
 Total Depth: 4587.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chris Hagman
 Unit No: 69
 Reference Elevations: 2336.00 ft (KB)
 2324.00 ft (CF)
 KB to GR/CF: 12.00 ft

Serial #: 6751

Outside

Press@RunDepth: psig @ 4519.00 ft (KB)
 Start Date: 2022.06.21 End Date: 2022.06.21
 Start Time: 11:35:01 End Time: 18:57:02
 Capacity: psig
 Last Calib.: 1899.12.30
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 30 min., weak building blow, .9 inches
 IS: 45 min., no blow back
 FF: 30 min., weak building blow, .7 inches
 FS: 60 min., no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% Oil	0.05
5.00	oily mud 5%O,95%M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

10/23S/23w

P.O. Box 399
Garden City, KS 67846

Hubin Unit 2-10

Job Ticket: 68525

DST#: 1

ATTN: Kevin Timson

Test Start: 2022.06.21 @ 11:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100% Oil	0.049
5.00	oily mud 5%O,95%M	0.025

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

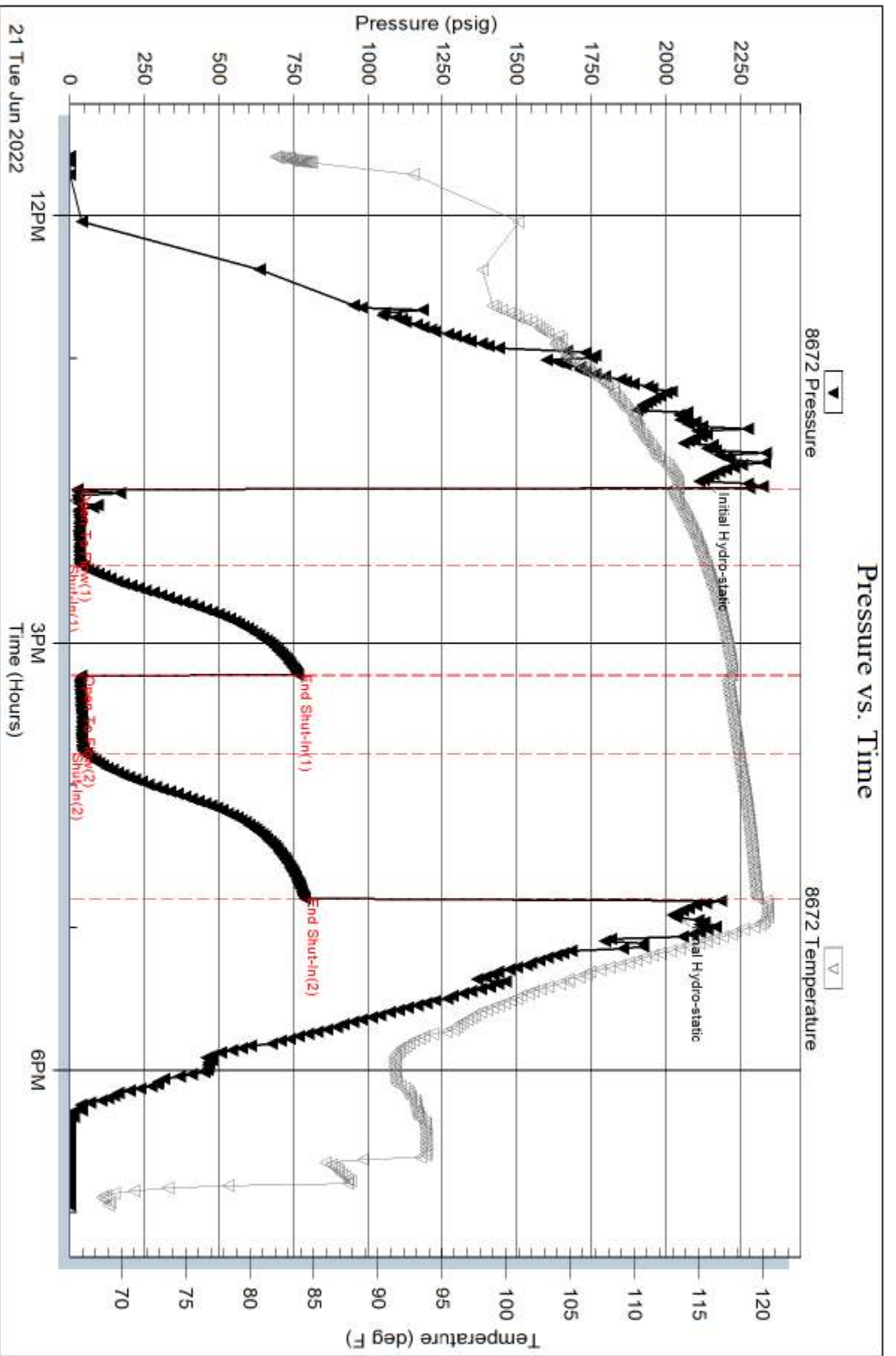
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API=39@90F=36 api

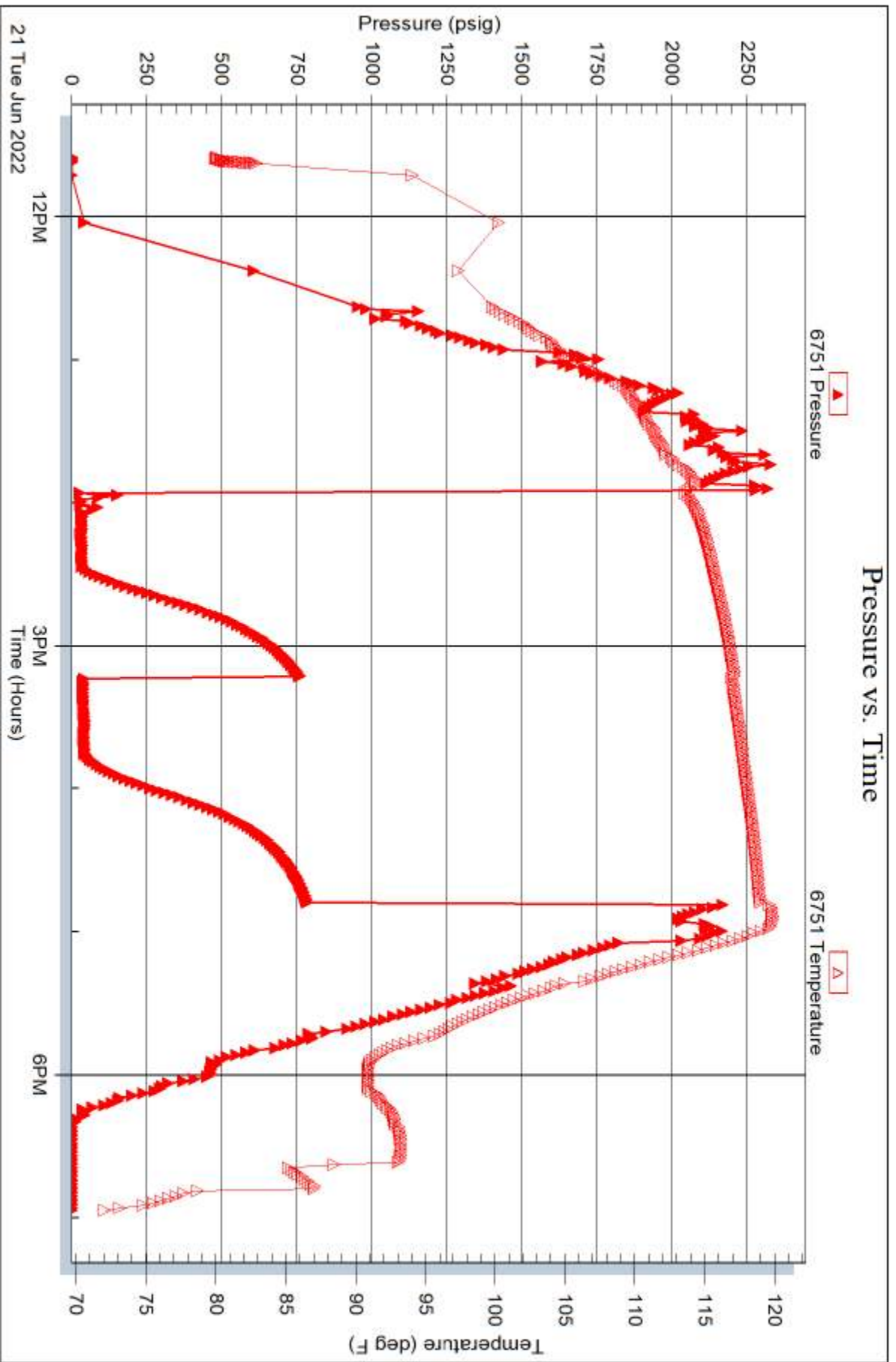


Serial #: 6751

Outside American Warrior, Inc.

Hublin Unit 2-10

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Hubin Unit #2-10

10-23S-23w Hodgeman,KS

Start Date: 2022.06.21 @ 11:35:00

End Date: 2022.06.21 @ 18:57:02

Job Ticket #: 68525 DST #: 1

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

Printed: 2022.06.28 @ 09:26:55

American Warrior, Inc.
10-23S-23w Hodgeman,KS
Hubin Unit #2-10
DST # 1
Miss.
2022.06.21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.

10-23S-23w Hodgeman, KS

PO Box 399
Garden City, KS 67846

Hubin Unit #2-10

Job Ticket: 68525 **DST#: 1**

ATTN: Kevin Timson

Test Start: 2022.06.21 @ 11:35:00

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: 2336.00 ft (KB)

Time Tool Opened: 13:55:02

Time Test Ended: 18:57:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Hagman

Unit No: 69

Interval: 4516.00 ft (KB) To 4587.00 ft (KB) (TVD)

Reference Elevations: 2336.00 ft (KB)

Total Depth: 4587.00 ft (KB) (TVD)

2324.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8672 Inside

Press@RunDepth: 53.25 psig @ 4519.00 ft (KB)

Capacity: psig

Start Date: 2022.06.21

End Date:

2022.06.21

Last Calib.:

2022.06.21

Start Time: 11:35:01

End Time:

18:57:02

Time On Btm:

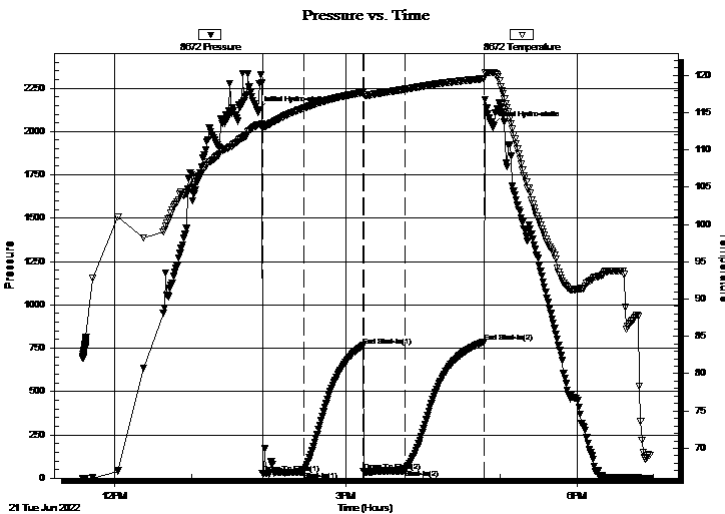
2022.06.21 @ 13:51:02

Time Off Btm:

2022.06.21 @ 16:54:02

TEST COMMENT: IF: 30 min., weak building blow, .9 inches
IS: 45 min., no blow back
FF: 30 min., weak building blow, .7 inches
FS: 60 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2123.01	113.34	Initial Hydro-static
5	26.44	112.84	Open To Flow (1)
37	38.45	115.58	Shut-In(1)
83	764.65	117.65	End Shut-In(1)
83	40.36	117.44	Open To Flow (2)
116	53.25	118.14	Shut-In(2)
177	787.10	119.59	End Shut-In(2)
183	2034.13	120.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	CO 100% Oil	0.05
5.00	OCM 5%O,95%M	0.02

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

American Warrior, Inc.
 PO Box 399
 Garden City, KS 67846
 ATTN: Kevin Timson

10-23S-23w Hodgeman, KS

Hubin Unit #2-10

Job Ticket: 68525 **DST#: 1**

Test Start: 2022.06.21 @ 11:35:00

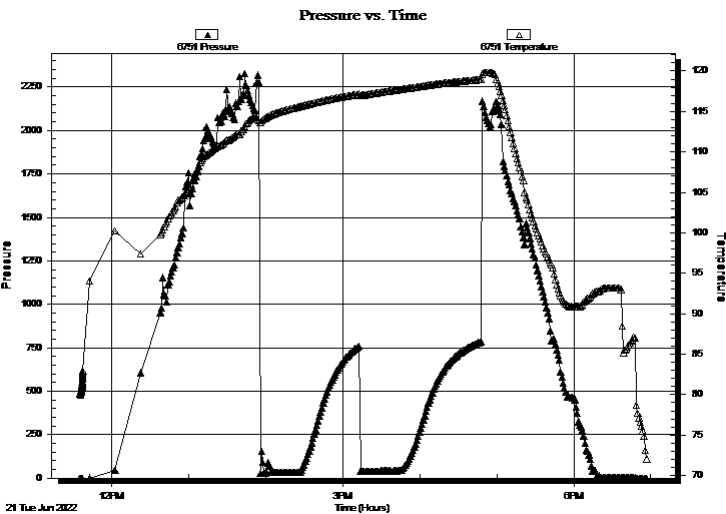
GENERAL INFORMATION:

Formation: Miss. Deviated: No Whipstock: 2336.00 ft (KB) Time Tool Opened: 13:55:02 Time Test Ended: 18:57:02 Interval: 4516.00 ft (KB) To 4587.00 ft (KB) (TVD) Total Depth: 4587.00 ft (KB) (TVD) Hole Diameter: 7.80 inches Hole Condition: Good	Test Type: Conventional Bottom Hole (Initial) Tester: Chris Hagman Unit No: 69 Reference Elevations: 2336.00 ft (KB) 2324.00 ft (CF) KB to GR/CF: 12.00 ft
---	---

Serial #: 6751 Outside

Press@RunDepth: psig @ 4519.00 ft (KB)	Capacity: psig
Start Date: 2022.06.21 End Date: 2022.06.21	Last Calib.: 1899.12.30
Start Time: 11:35:01 End Time: 18:57:02	Time On Btm:
	Time Off Btm:

TEST COMMENT: IF: 30 min., weak building blow, .9 inches
 IS: 45 min., no blow back
 FF: 30 min., weak building blow, .7 inches
 FS: 60 min., no blow back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	CO 100% Oil	0.05
5.00	OCM 5%O,95%M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

10-23S-23w Hodgeman,KS

PO Box 399
Garden City, KS 67846

Hubin Unit #2-10

Job Ticket: 68525

DST#: 1

ATTN: Kevin Timson

Test Start: 2022.06.21 @ 11:35:00

Tool Information

Drill Pipe:	Length: 4328.00 ft	Diameter: 3.80 inches	Volume: 60.71 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 61.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4516.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4491.00	
Hydraulic tool	5.00			4496.00	
Isolator Sub	3.00			4499.00	
Jars	5.00			4504.00	
Safety Joint	3.00			4507.00	
Packer	5.00			4512.00	30.00 Bottom Of Top Packer
Packer	4.00			4516.00	
Stubb	1.00			4517.00	
Perforations	2.00			4519.00	
Recorder	0.00	8672	Inside	4519.00	
Recorder	0.00	6751	Outside	4519.00	
Pickup sub perf	5.00			4524.00	
Perforations	26.00			4550.00	
Change Over Sub	1.00			4551.00	
Drill Pipe	32.00			4583.00	
Change Over Sub	1.00			4584.00	
Bullnose	3.00			4587.00	71.00 Bottom Packers & Anchor
Total Tool Length:	101.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

10-23S-23w Hodgeman,KS

PO Box 399
Garden City, KS 67846

Hubin Unit #2-10

Job Ticket: 68525

DST#: 1

ATTN: Kevin Timson

Test Start: 2022.06.21 @ 11:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	CO 100% Oil	0.049
5.00	OCM 5%O,95%M	0.025

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

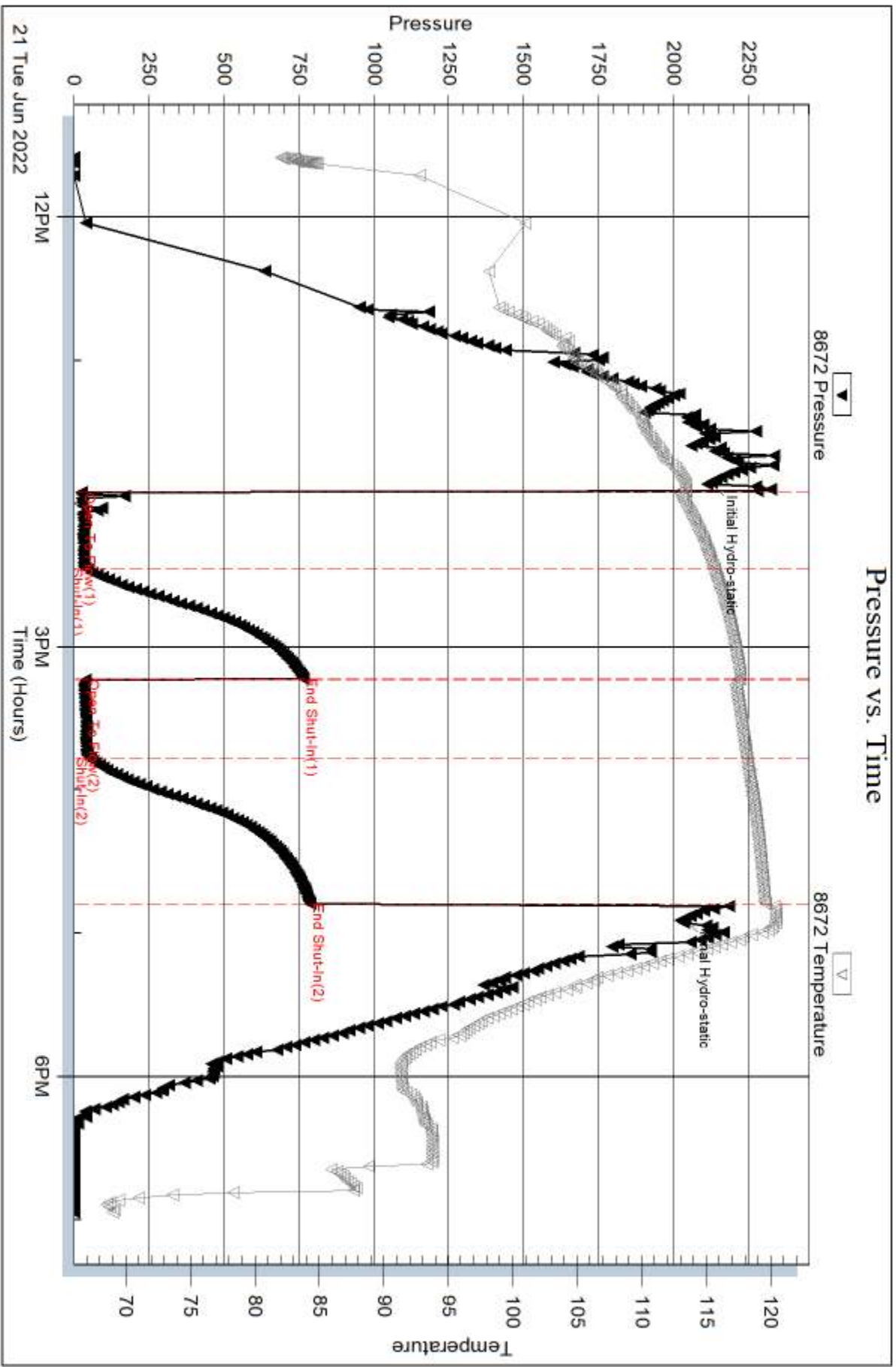
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API=39@90F=36 api

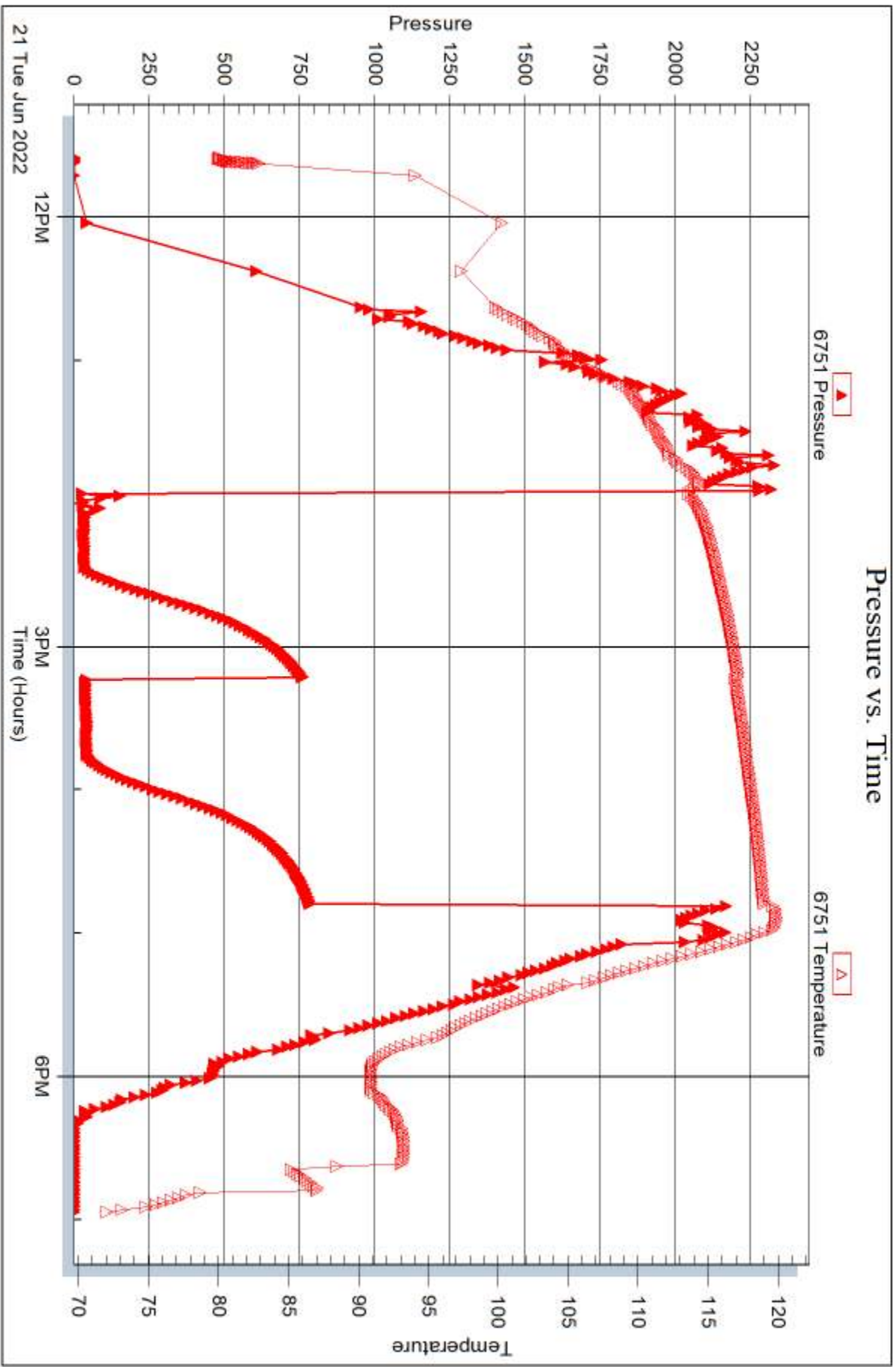


Serial #: 6751

Outside American Warrior, Inc.

Hublin Unit #2-10

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 68525

Printed: 2022.06.28 @ 09:26:57



DRILL STEM TEST REPORT

Prepared For: **American Warrior, Inc.**

PO Box 399
Garden City, KS 67846

ATTN: Kevin Timson

Hubin Unit #2-10

10-23S-23w Hodgeman,KS

Start Date: 2022.06.22 @ 02:36:00

End Date: 2022.06.22 @ 10:34:02

Job Ticket #: 68901 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.06.28 @ 09:25:49

American Warrior, Inc.
10-23S-23w Hodgeman,KS
Hubin Unit #2-10
DST # 2
Miss
2022.06.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

American Warrior, Inc.
PO Box 399
Garden City, KS 67846
ATTN: Kevin Timson

10-23S-23w Hodgeman,KS

Hubin Unit #2-10

Job Ticket: 68901 **DST#: 2**
Test Start: 2022.06.22 @ 02:36:00

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: 2336.00 ft (KB)
Time Tool Opened: 05:05:17
Time Test Ended: 10:34:02
Interval: **4580.00 ft (KB) To 4597.00 ft (KB) (TVD)**
Total Depth: 4597.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Chris Hagman
Unit No: 69
Reference Elevations: 2336.00 ft (KB)
2324.00 ft (CF)
KB to GR/CF: 12.00 ft

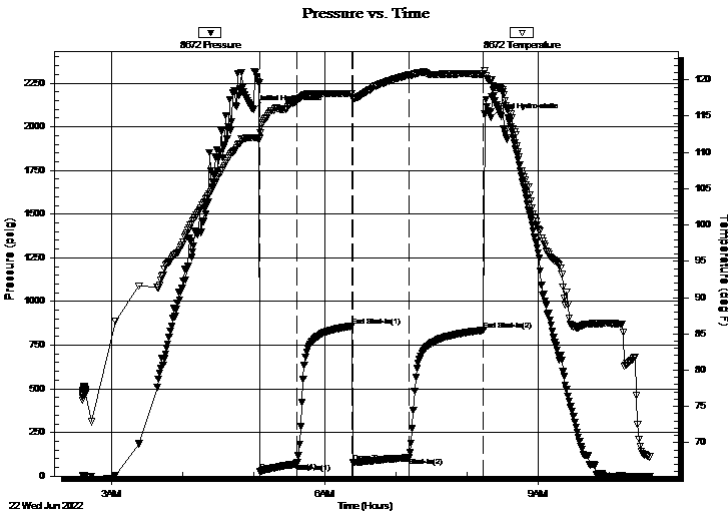
Serial #: 8672

Inside

Press@RunDepth: 105.79 psig @ 4582.00 ft (KB) Capacity: psig
Start Date: 2022.06.22 End Date: 2022.06.22 Last Calib.: 2022.06.22
Start Time: 02:36:01 End Time: 10:34:02 Time On Btm: 2022.06.22 @ 04:59:47
Time Off Btm: 2022.06.22 @ 08:20:17

TEST COMMENT: IF: 30 min., strong building blow , 11 inches
IS: 45 min., no blow back
FF: 45 min., BOB 30 min., strong building blow , 14.3 inches
FS: 60 min., no blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2096.37	112.05	Initial Hydro-static
6	27.54	111.96	Open To Flow (1)
37	75.72	117.13	Shut-In(1)
83	858.21	118.11	End Shut-In(1)
84	76.83	117.42	Open To Flow (2)
132	105.79	120.67	Shut-In(2)
194	835.60	120.84	End Shut-In(2)
201	2050.97	120.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GWOCM 20%G,30%O,5%W,45%M	0.30
183.00	GO 25%G,75%O	1.47

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

American Warrior, Inc.

10-23S-23w Hodgeman,KS

PO Box 399
Garden City, KS 67846

Hubin Unit #2-10

Job Ticket: 68901

DST#: 2

ATTN: Kevin Timson

Test Start: 2022.06.22 @ 02:36:00

Tool Information

Drill Pipe:	Length: 4391.00 ft	Diameter: 3.80 inches	Volume: 61.59 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 62.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4580.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4555.00	
Hydraulic tool	5.00			4560.00	
Isolator Sub	3.00			4563.00	
Jars	5.00			4568.00	
Safety Joint	3.00			4571.00	
Packer	5.00			4576.00	30.00 Bottom Of Top Packer
Packer	4.00			4580.00	
Stubb	1.00			4581.00	
Perforations	1.00			4582.00	
Recorder	0.00	8672	Inside	4582.00	
Recorder	0.00	6751	Outside	4582.00	
Pickup sub perf	5.00			4587.00	
Perforations	7.00			4594.00	
Bullnose	3.00			4597.00	17.00 Bottom Packers & Anchor

Total Tool Length: 47.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

American Warrior, Inc.

10-23S-23w Hodgeman,KS

PO Box 399
Garden City, KS 67846

Hubin Unit #2-10

Job Ticket: 68901

DST#: 2

ATTN: Kevin Timson

Test Start: 2022.06.22 @ 02:36:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GWOCM 20%G,30%O,5%W,45%M	0.295
183.00	GO 25%G,75%O	1.474

Total Length: 243.00 ft Total Volume: 1.769 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 252' GIP

API=40@80F=38

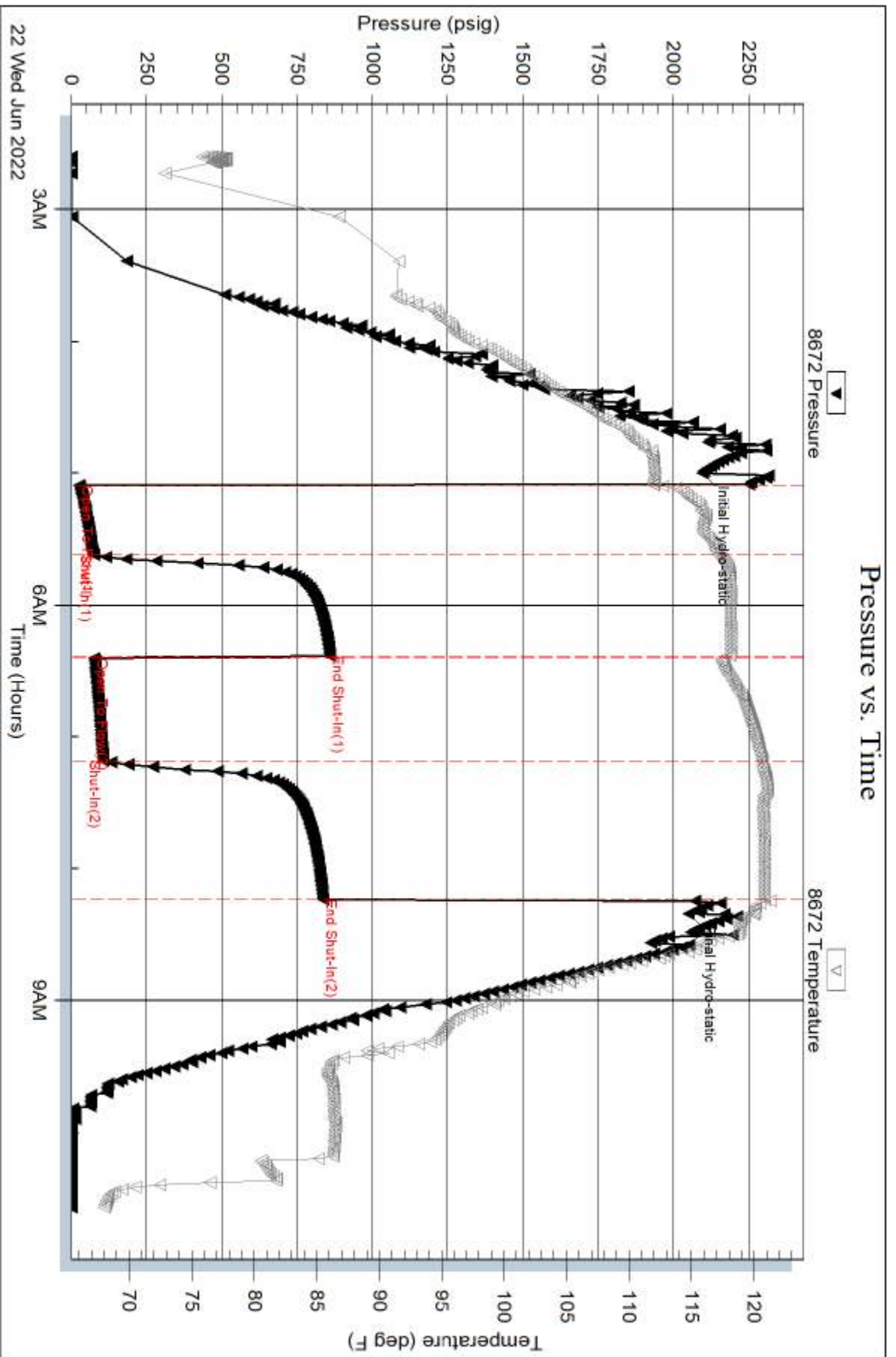
Serial #: 8672

Inside

American Warrior, Inc.

Hublin Unit #2-10

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68901

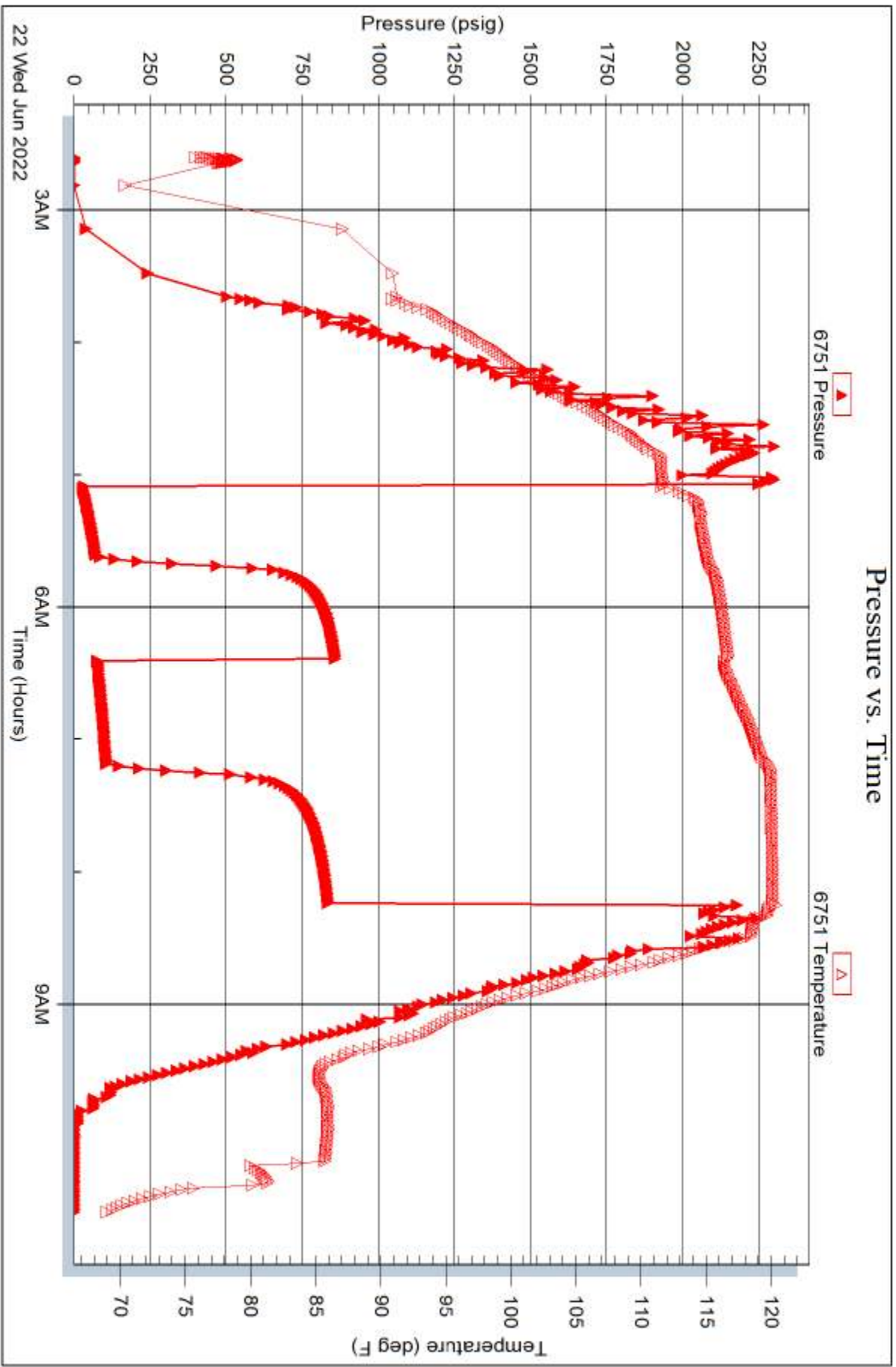
Printed: 2022.06.28 @ 09:25:50

Serial #: 6751

Outside American Warrior, Inc.

Hublin Unit #2-10

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68525

Well Name & No. Hubin Unit #2-10 Test No. 1 Date 6-21-78
 Company American Warrior, Inc. Elevation 2336 KB 2321 GL
 Address P.O. Box 399 Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Dobie #9
 Location: Sec. 10 Twp 23S Rge. 23W Co. Hochstetern State KS

Interval Tested 4516-4587 Zone Tested M.S.S.
 Anchor Length 71' Drill Pipe Run 4328 Mud Wt. 9.4
 Top Packer Depth 4511 Drill Collars Run 180 Vls 66
 Bottom Packer Depth 4516 Wt. Pipe Run N.A. WL 9.2
 Total Depth 4587 Chlorides 2900 ppm System LCM 2nd
 Blow Description IF: 30 min., weak building blow, 9 inches
IST: 45 min., no blow back
EF: 30 min., weak building blow, 7 inches
FSR: 60 min., no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>oil</u>		<u>100</u>		
<u>5'</u>	<u>oily mud</u>		<u>5</u>		<u>95</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15' BHT 119 Gravity 36 APLDW 39 @ 90 ° F Chlorides _____ ppm
 (A) Initial Hydrostatic 2123 Test CONV. 1950 T-On Location 1100
 (B) First Initial Flow 26 Jars 300 T-Started 1145
 (C) First Final Flow 38 Safety Joint _____ T-Open 1400
 (D) Initial Shut-In 765 Circ Sub _____ T-Pulled 1645
 (E) Second Initial Flow 40 Hourly Standby _____ T-Out 1900
 (F) Second Final Flow 53 Mileage 166rt 249 Comments bits @ 1135
 (G) Final Shut-In 787 Sampler _____ SM @ 1105
 (H) Final Hydrostatic 2034 Straddle _____ EM Tool no good
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 30 Day Standby _____ Sub Total -350
 Initial Shut-In 45 Accessibility _____ Total 2149
 Final Flow 30 Sub Total 2499 MP/DST Disc't _____
 Final Shut-In 60

Approved By _____ Our Representative Chris Hogman

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. 68901

Well Name & No. Hubin Unit #2-10 Test No. 2 Date 6-22-22
 Company American Wellstar, Inc. Elevation 2336 KB 2324 GL
 Address P.O. Box 399 Garden City, KS 67846
 Co. Rep / Geo. Kevin Timson Rig Durke #9
 Location: Sec. 10 Twp 23S Rge. 23W Co. Hodgeman State KS

Interval Tested 4580-4597 Zone Tested Miss.
 Anchor Length 17' Drill Pipe Run 4391 Mud Wt. 9.4
 Top Packer Depth 4575 Drill Collars Run 180 Vis 66
 Bottom Packer Depth 4580 Wt. Pipe Run N.A. WL 9.2
 Total Depth 4597 Chlorides 2900 ppm System LCM 2#

Blow Description IP: 30 min., strong building blow, 11 inches
ISB: 45 min., no blow back
EP: 45 min., BOB 30 min., strong building blow, 14.3 inches
PSB: 60 min., no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60'</u>	<u>gassy oily water mud</u>	<u>20</u>	<u>30</u>	<u>5</u>	<u>45</u>
<u>183'</u>	<u>gassy oil</u>	<u>25</u>	<u>75</u>		
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u>252' GIP</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Rec Total 243 BHT 121 Gravity 38 API ~~29~~ 40 @ 80 °F Chlorides ppm

(A) Initial Hydrostatic 2096 Test conv. 1950 T-On Location 0200
 (B) First Initial Flow 28 Jars 300 T-Started 0245
 (C) First Final Flow 76 Safety Joint T-Open 0510
 (D) Initial Shut-In 858 Circ Sub T-Pulled 0810
 (E) Second Initial Flow 77 Hourly Standby T-Out 1030
 (F) Second Final Flow 106 Mileage 249 Comments bats @ 0236
 (G) Final Shut-In 836 Sampler EM @ 0240
 (H) Final Hydrostatic 2051 Straddle EM Tool good -350
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby Sub Total -350
 Accessibility Total 2149
 Sub Total 2499 MP/DST Disc't

Approved By Our Representative Chris Hagan

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.