

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1246281
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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 SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- 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 ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

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
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1246281

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 List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size: _____ Set At: _____ Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. _____	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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Lee 4-28
Doc ID	1246281

All Electric Logs Run

Induction
Porosity
Micro
Sonic

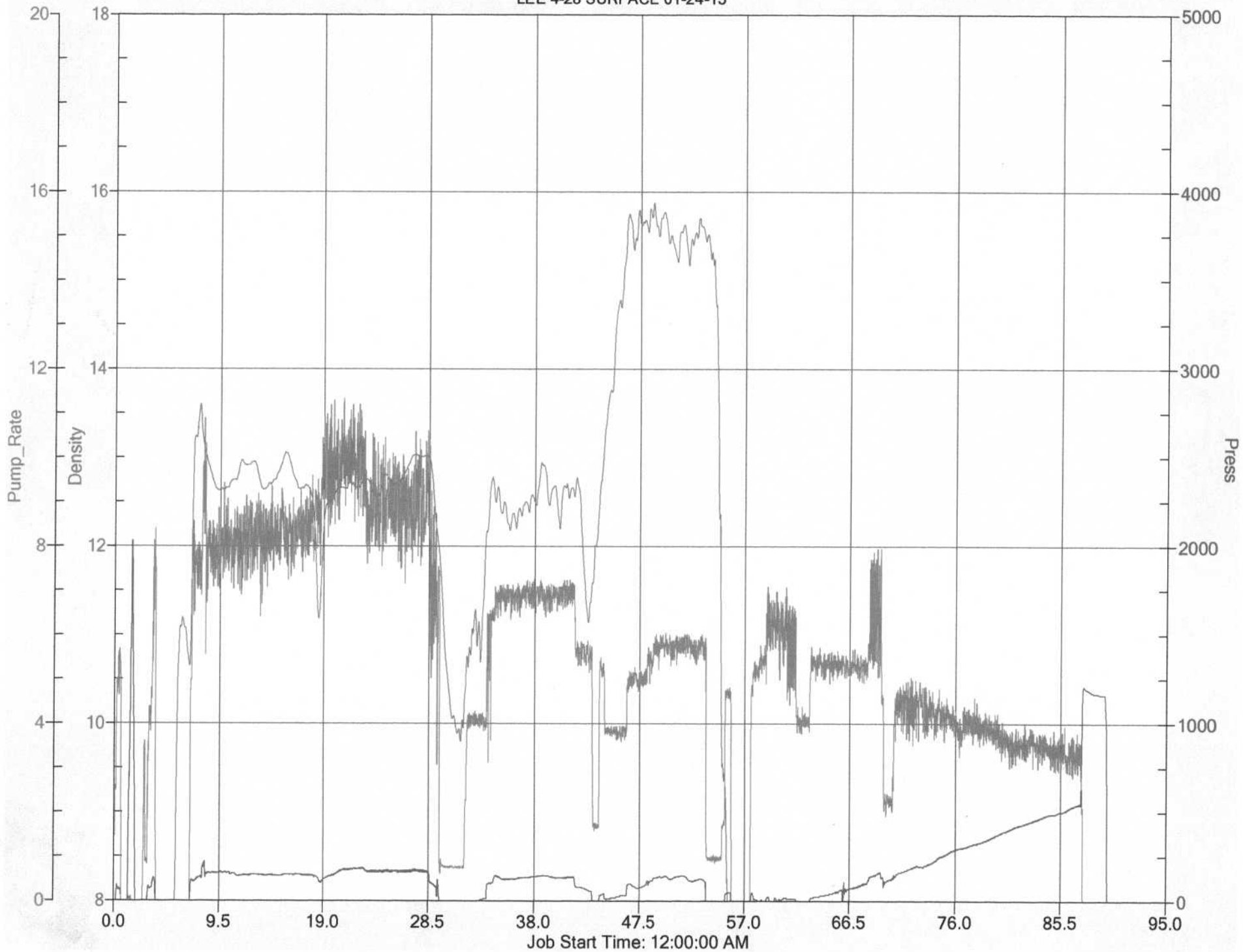
Form	ACO1 - Well Completion
Operator	American Warrior, Inc.
Well Name	Lee 4-28
Doc ID	1246281

Tops

Name	Top	Datum
Anhy	1780	+1284
B/Anhy	1855'	+1209
Heebner	3678'	-614
Lansing	3755'	-691
Stark	4070'	-1006
B/KC	4245'	-1181
Marmaton	4266'	-1202
Pawnee	4366'	-1302
Ft.Scott	4396'	-1332
Cherokee	4407'	-1343
Morrow	4693'	-1629
Mississippian	4835'	-1771

AMERICAN WARRIOR

LEE 4-28 SURFACE 01-24-15





CHARGE TO: **AMERICAN WARRIOR**

ADDRESS

CITY, STATE, ZIP CODE

TICKET 28279

PAGE 1 OF 2

SERVICE LOCATIONS
1. **NESS CITY, KS.**

WELL/PROJECT NO. **LEE 4-28** LEASE **KEARNY** COUNTY/PARISH **KS.** CITY **LARIN, KS.** DATE **1 FEB 15** OWNER

2. TICKET TYPE SERVICE SALES CONTRACTOR **DUKE DRIG #10** RIG NAME/NO. SHIPPED VIA DELIVERED TO ORDER NO.

3. WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** JOB PURPOSE **5' LONG STRING** WELL PERMIT NO. WELL LOCATION **7 1/2, 1/2 S, E/S INTO**

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575					MILEAGE #115	110	MIL	5	100	550 00
578					PUMP CHARGE	1	JOB	1250	100	1250 00
402					CENTRALIZERS	10	EA.	60	100	600 00
403					CEMENT BASKET	1	EA.	250	100	250 00
406					LATCH DOWN PLUG & BAPPLE	1	EA.	225	100	225 00
407					INSERT FLOAT SHADE W/ FILL	1	EA.	300	100	300 00
419					ROTATING HEAD RENTAL	1	JOB	200	100	200 00
281					MUD FLUSH	500	gal	1 1/25	100	625 00
281					LIQUID KCL	2	gal	25	100	50 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

X
DATE SIGNED **2 FEB 15** TIME SIGNED **0510** A.M. P.M.

REMIT PAYMENT TO:

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	4050 00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	4778 00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal	8828 00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Kearyny TAX 6.15%	369 63
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	9198 28
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

SWIFT OPERATOR *[Signature]*

APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 28279

CUSTOMER AMERICAN WARRIOR WELL LEE 4-28 DATE 1 FEB 15 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
276						FLOCELE	50	lbs			2 ²⁵	112 ⁵⁰
283						SALT	900	lbs			20	180 ⁰⁰
283						CALSEAL	8	sx			30 ⁰⁰	240 ⁰⁰
292						HALAD-322	125	lbs			8 ⁰⁰	1000 ⁰⁰
290						D-AIR	2	gpr			42 ⁰⁰	84 ⁰⁰
325						STANDARD EA-2	175	sx			12 ²⁵	2143 ⁷⁵
581						SERVICE CHARGE					1 ⁵⁰	262 ⁵⁰
583						MILEAGE CHARGE					75	755 ⁹⁰
						TOTAL WEIGHT	18325					
						LOADED MILES	110					
						CUBIC FEET	175	sx				
						TON MILES	1007.87					

CONTINUATION TOTAL 4778⁶⁵

JOB LOG

SWIFT Services, Inc.

DATE) FEB 15 PAGE NO.

CUSTOMER AMERICAN WARRIOR WELL NO. LEASE LEE 4-28 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 28279

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0200							DN LOCATION
	0015							START PIPE 5 1/2 - 15.5" RTD @ 5100 SET P 5098 ST. 42.17 CENTRALIZERS 1, 2, 4, 6, 8, 10, 12, 14, 16, 18 BASKETS. 7
	0221							DRDP BALL - CIRCULATE
		6	12		✓		300	Pump 500 gal MUD FLUSH
	0330	6	20		✓		300	Pump 20 Bbl RCL SPACER
	0345		7.5					PLUG RA-30sx MH-20sx
	0350	4	30		✓			MIX 125sx EA-2
	0405							WASH OUT PUMP & LINES
	0410	6			✓			START DISPLACING PLUG.
	0428	Ø	120		✓		1500	PLUG DOWN - LATCH PLUG IN
	0430				✓			RELEASE PSI - DRY
	0433							WASH TRUCK
	0510							JOB COMPLETE.
								THANKS #115
								JASON DAVE COLE PRESTON



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City ,KS 67846

ATTN: Kevin Timpson

Lee #4-28

28-25s-36w Kearny,KS

Start Date: 2015.01.28 @ 21:31:11

End Date: 2015.01.29 @ 05:35:11

Job Ticket #: 61465 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.02.02 @ 15:12:36



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

28-25s-36w Kearny,KS

Lee #4-28

Job Ticket: 61465 **DST#: 1**

Test Start: 2015.01.28 @ 21:31:11

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:52:56
 Time Test Ended: 05:35:11
 Interval: **4284.00 ft (KB) To 4367.00 ft (KB) (TVD)**
 Total Depth: 4367.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Shane McBride
 Unit No: 85
 Reference Elevations: 3064.00 ft (KB)
 3053.00 ft (CF)
 KB to GR/CF: 11.00 ft

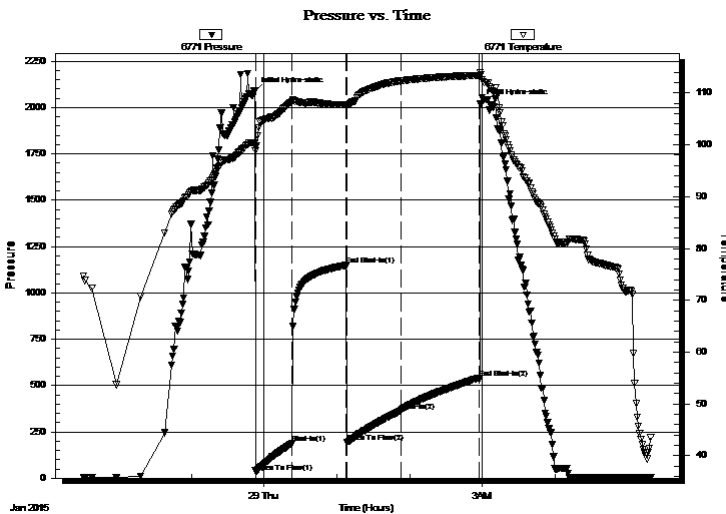
Serial #: 6771

Outside

Press@RunDepth: 363.85 psig @ 4285.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.01.28 End Date: 2015.01.29 Last Calib.: 2015.01.29
 Start Time: 21:31:11 End Time: 05:19:11 Time On Btm: 2015.01.28 @ 23:52:26
 Time Off Btm: 2015.01.29 @ 02:57:56

TEST COMMENT: B.O.B. in 10 min.
 No return
 B.O.B. in 13 min.
 10" return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2088.43	100.28	Initial Hydro-static
1	33.26	99.82	Open To Flow (1)
31	187.12	108.38	Shut-In(1)
76	1148.42	107.76	End Shut-In(1)
76	192.90	107.41	Open To Flow (2)
121	363.85	112.36	Shut-In(2)
185	541.27	113.41	End Shut-In(2)
186	2021.52	113.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
113.00	w c m 45%w 55%m	1.59
186.00	m c w 30%m 70%w	2.61
186.00	s m c w 5%m 95%w	2.61
651.00	water 100%w	9.13

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

28-25s-36w Kearny,KS
Lee #4-28
Job Ticket: 61465 **DST#: 1**
Test Start: 2015.01.28 @ 21:31:11

Tool Information

Drill Pipe:	Length: 4264.00 ft	Diameter: 3.80 inches	Volume: 59.81 bbl	Tool Weight: 2500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 59.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4284.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	111.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4257.00	
Shut In Tool	5.00			4262.00	
Hydraulic tool	5.00			4267.00	
Jars	5.00			4272.00	
Safety Joint	3.00			4275.00	
Packer	5.00			4280.00	28.00 Bottom Of Top Packer
Packer	4.00			4284.00	
Stubb	1.00			4285.00	
Recorder	0.00	6771	Outside	4285.00	
Recorder	0.00	8844	Inside	4285.00	
Perforations	12.00			4297.00	
Change Over Sub	1.00			4298.00	
Drill Pipe	63.00			4361.00	
Change Over Sub	1.00			4362.00	
Bullnose	5.00			4367.00	83.00 Bottom Packers & Anchor

Total Tool Length: 111.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

28-25s-36w Kearny,KS
Lee #4-28
Job Ticket: 61465 **DST#: 1**
Test Start: 2015.01.28 @ 21:31:11

Mud and Cushion Information

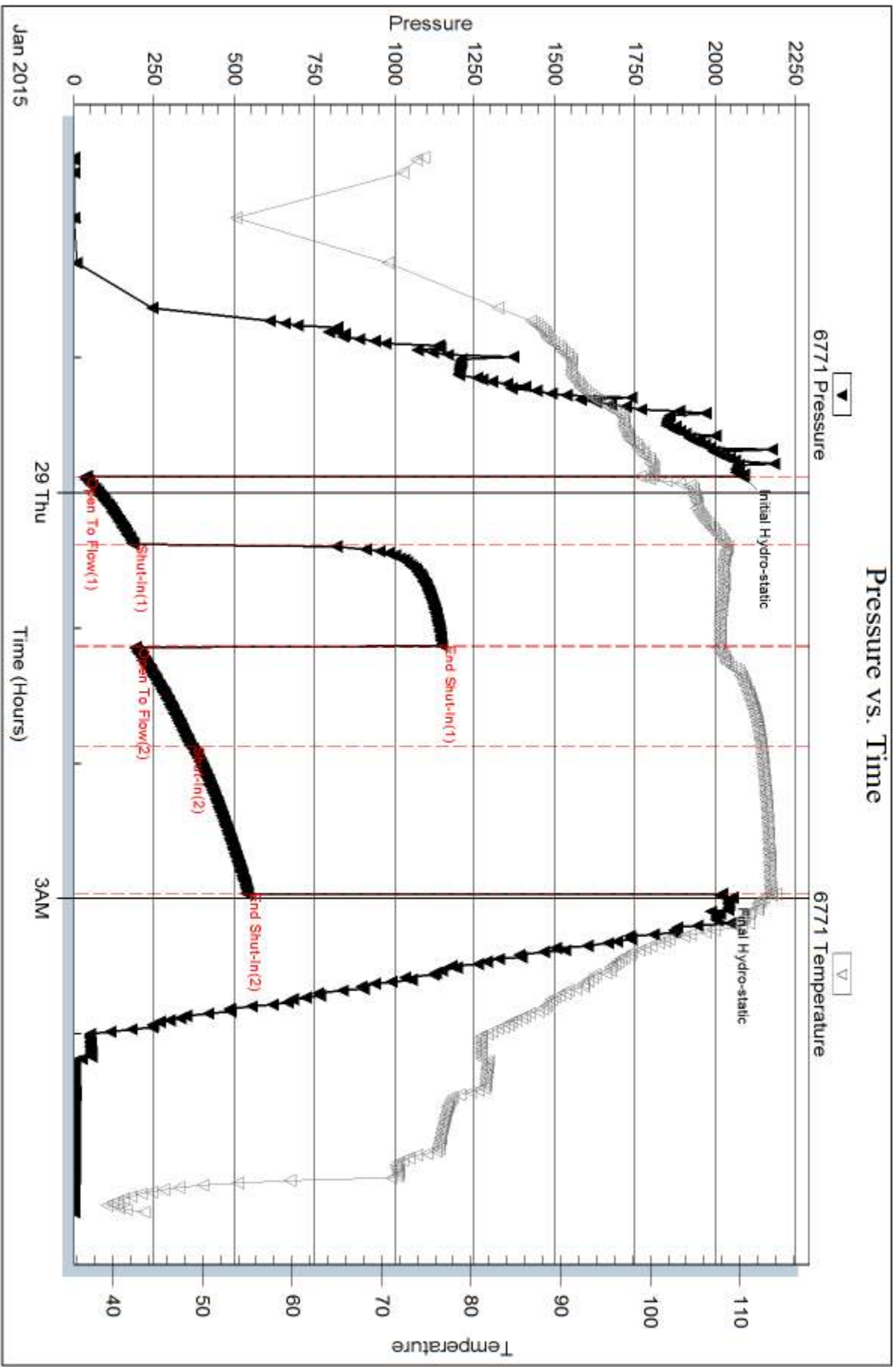
Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 21000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.95 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 950.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
113.00	w c m45%w 55%m	1.585
186.00	m c w 30%m 70%w	2.609
186.00	s m c w 5%m 95%w	2.609
651.00	w ater 100%w	9.132

Total Length: 1136.00 ft Total Volume: 15.935 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: rw .402 @ 55*f = 21,000 chlor



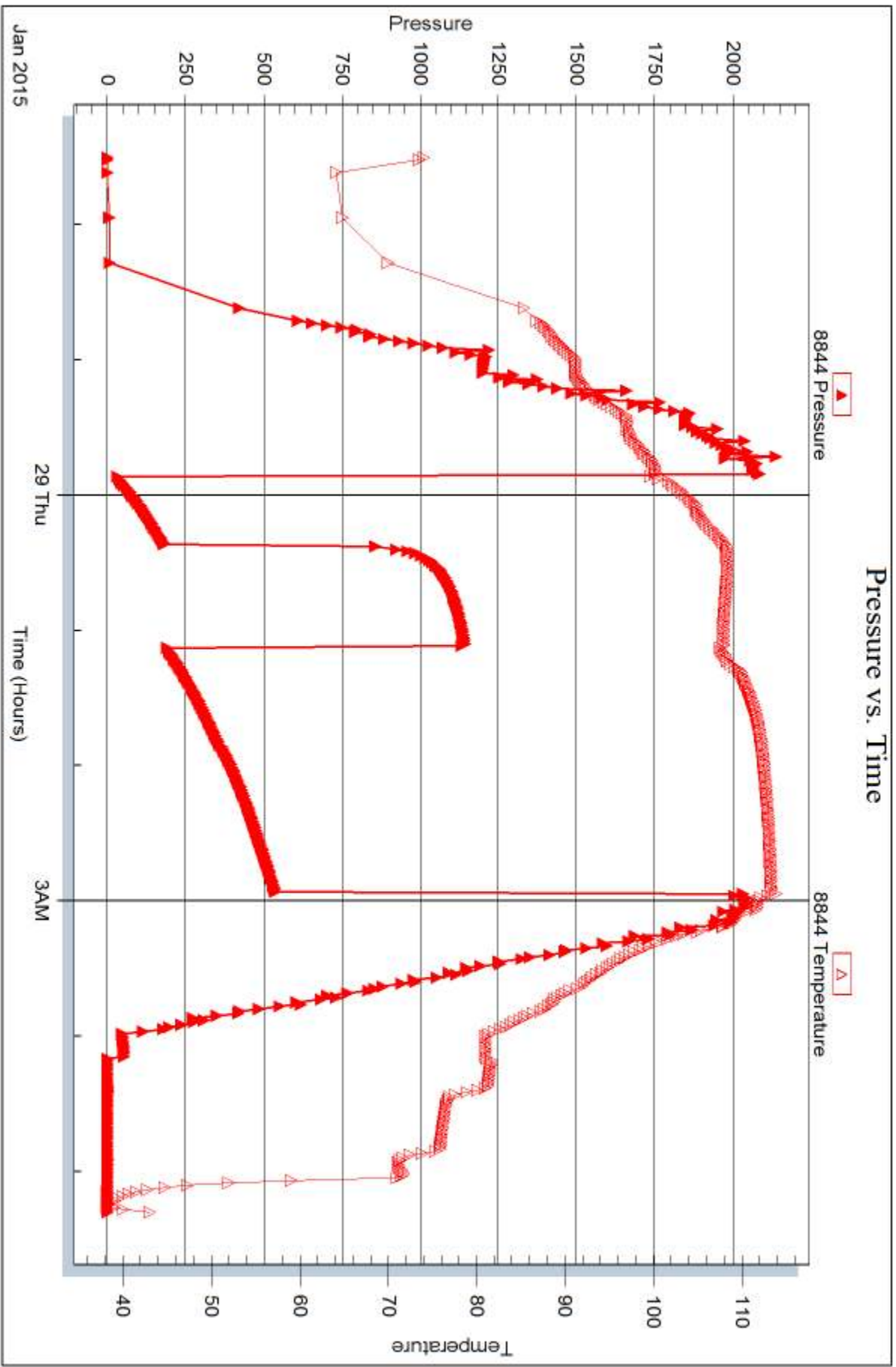
Serial #: 8844

Inside

American Warrior Inc

Lee #4-28

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 61465

Printed: 2015.02.02 @ 15:12:37



DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc**

PO Box 399
Garden City ,KS 67846

ATTN: Kevin Timpson

Lee #4-28

28-25s-36w Kearny,KS

Start Date: 2015.01.30 @ 21:58:15

End Date: 2015.01.31 @ 04:28:45

Job Ticket #: 58570 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.02.02 @ 15:19:06

American Warrior Inc
28-25s-36w Kearny,KS
Lee #4-28
DST # 2
St. Louis "A"
2015.01.30



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

28-25s-36w Kearny,KS

Lee #4-28

Job Ticket: 58570

DST#: 2

Test Start: 2015.01.30 @ 21:58:15

GENERAL INFORMATION:

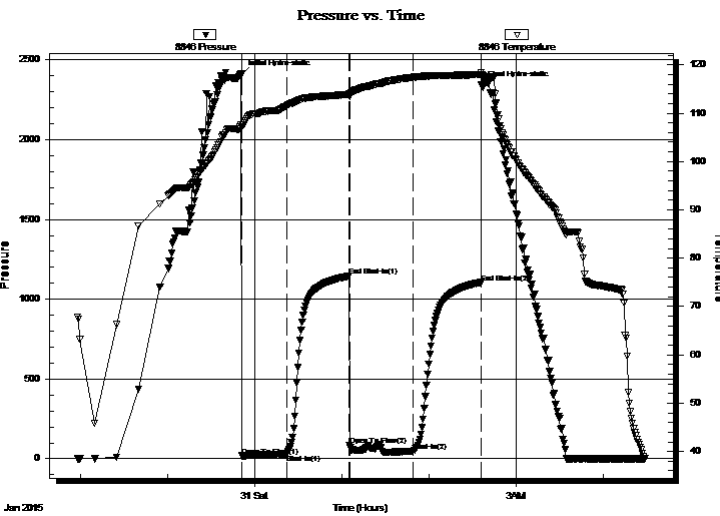
Formation: **St. Loius "A"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:51:00
 Time Test Ended: 04:28:45
 Interval: **4824.00 ft (KB) To 4836.00 ft (KB) (TVD)**
 Total Depth: 4836.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 3064.00 ft (KB)
 3053.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8846

Inside

Press@RunDepth: 46.64 psig @ 4831.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.01.30 End Date: 2015.01.31 Last Calib.: 2015.01.31
 Start Time: 21:58:15 End Time: 04:28:45 Time On Btm: 2015.01.30 @ 23:50:45
 Time Off Btm: 2015.01.31 @ 02:35:45

TEST COMMENT: IF:Built to 5" blow
 IS:No return blow
 FF:BOB in 41 min.
 FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2411.25	107.59	Initial Hydro-static
1	18.56	107.03	Open To Flow (1)
32	28.43	111.50	Shut-In(1)
75	1145.46	113.92	End Shut-In(1)
75	84.70	113.45	Open To Flow (2)
119	46.64	117.42	Shut-In(2)
165	1105.37	117.98	End Shut-In(2)
165	2342.19	118.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GIP= 92 feet	0.00
92.00	gcmo 20%g 30%m 50%o (Thick Oil)	1.29

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

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

28-25s-36w Kearny,KS
Lee #4-28
Job Ticket: 58570 **DST#: 2**
Test Start: 2015.01.30 @ 21:58:15

Tool Information

Drill Pipe:	Length: 4802.00 ft	Diameter: 3.80 inches	Volume: 67.36 bbl	Tool Weight:	2500.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	90000.00 lb
			<u>Total Volume: 67.36 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4824.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	40.00 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			4797.00	
Shut In Tool	5.00			4802.00	
Hydraulic tool	5.00			4807.00	
Jars	5.00			4812.00	
Safety Joint	3.00			4815.00	
Packer	5.00			4820.00	28.00 Bottom Of Top Packer
Packer	4.00			4824.00	
Stubb	1.00			4825.00	
Perforations	6.00			4831.00	
Recorder	0.00	8846	Inside	4831.00	
Recorder	0.00	8737	Outside	4831.00	
Bullnose	5.00			4836.00	12.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

28-25s-36w Kearny,KS
Lee #4-28
Job Ticket: 58570 **DST#: 2**
Test Start: 2015.01.30 @ 21:58:15

Mud and Cushion Information

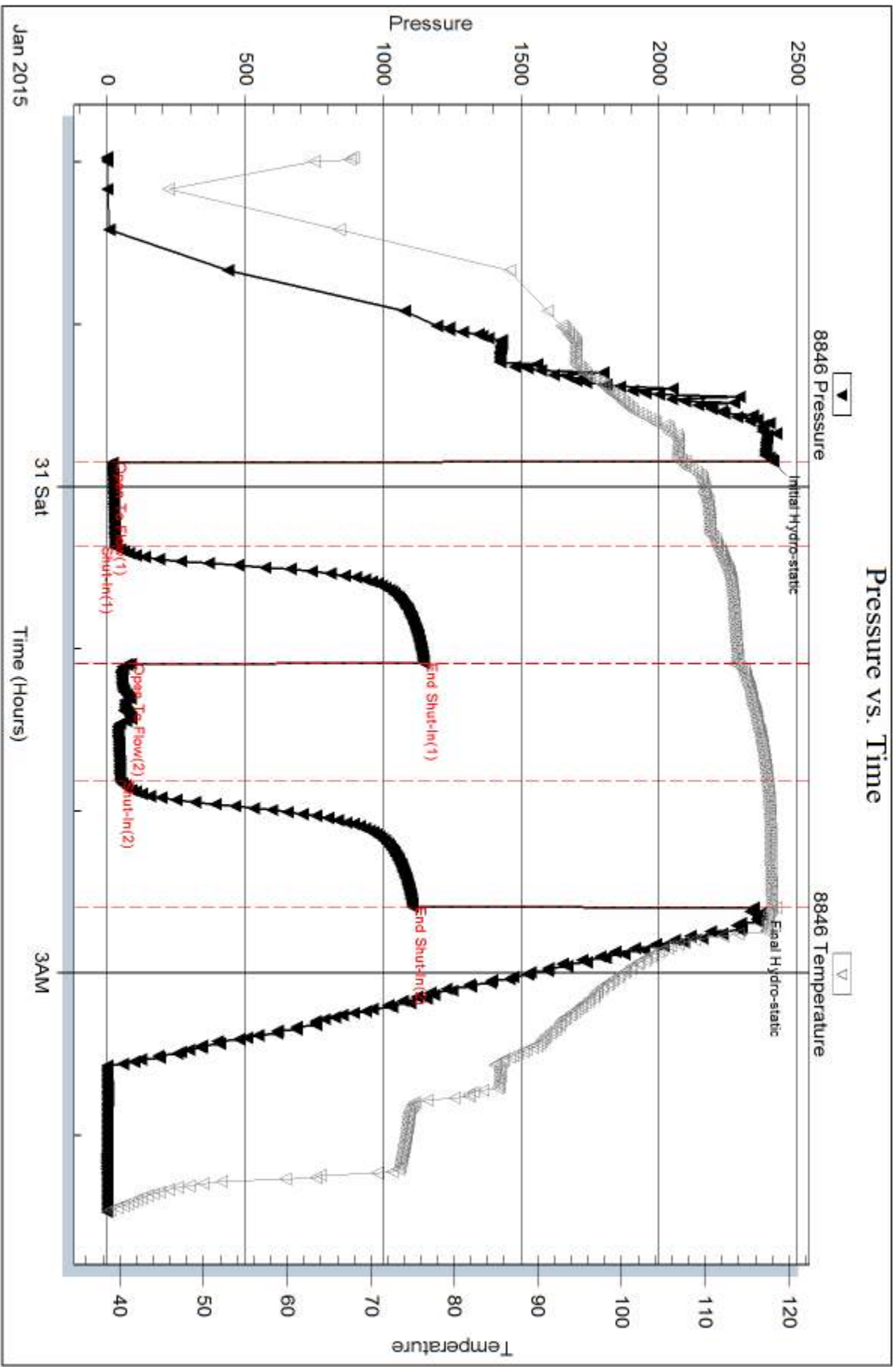
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	GIP= 92 feet	0.000
92.00	gcmo 20%g 30%m 50%o (Thick Oil)	1.291

Total Length: 92.00 ft Total Volume: 1.291 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

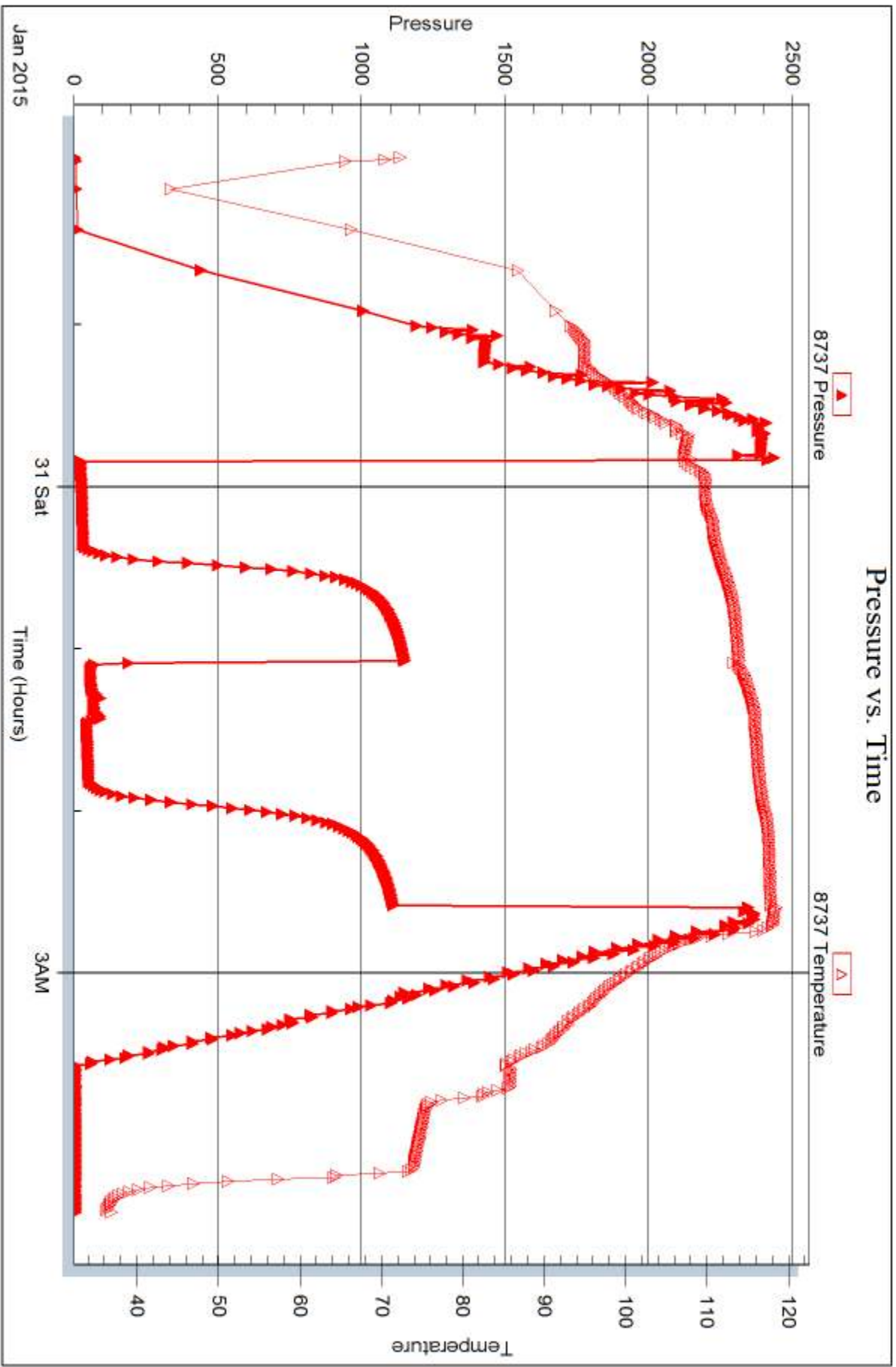


Serial #: 8737

Outside American Warrior Inc

Lee #4-28

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 58570

Printed: 2015.02.02 @ 15:19:07



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61465

Well Name & No. Well # 4-28 Test No. #1 Date 4/29/15
 Company American Wyo. Drilling Inc Elevation 2064 KB 3053GL
 Address P.O. Box 399 3118 Cummins Sq. S Rd Garden City, KS 67946
 Co. Rep / Geo. Kevin Simpson Rig Duke #10
 Location: Sec. 28 Twp. 23 Rge. 36 Co. Hearsey State Ks

Interval Tested 4284 4367 Zone Tested Marinton
 Anchor Length 83 Drill Pipe Run 4269 Mud Wt. 9.2
 Top Packer Depth 4279 Drill Collars Run --- Vis 43
 Bottom Packer Depth 4284 Wt. Pipe Run --- WL 8.0
 Total Depth 4367 Chlorides 950 ppm System LCM #1 1/2

Blow Description B.O.B. in 10 min.
No return
B.O.B. in 13 min.
10" in Return blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>113</u>	<u>Feet of WCM</u>			<u>45</u>	<u>55</u>
<u>186</u>	<u>Feet of MCW</u>			<u>70</u>	<u>30</u>
<u>186</u>	<u>Feet of SMCW</u>			<u>95</u>	<u>5</u>
<u>651</u>	<u>Feet of Water</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1136 BHT 114° Gravity --- API RW 402 @ 55° F Chlorides 21,000 ppm

(A) Initial Hydrostatic 2083 Test 1150 T-On Location 20:43
 (B) First Initial Flow 33 Jars 250 T-Started 21:30
 (C) First Final Flow 187 Safety Joint 75 T-Open 23:53
 (D) Initial Shut-In 1148 Circ Sub N/C T-Pulled 02:53
 (E) Second Initial Flow 192 Hourly Standby T-Out _____
 (F) Second Final Flow 363 Mileage 136 RT 136 Comments _____
 (G) Final Shut-In 541 Sampler _____
 (H) Final Hydrostatic 2021 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 45 Ruined Packer _____
 Final Flow 45 Extra Copies _____
 Final Shut-In 60 Sub Total 0
 Total 1611
 Sub Total 1611 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58570

4/10

Well Name & No. Lee # 4-28 Test No. 2 Date 1-30-15
 Company American Warrior Inc Elevation 3064 KB 3053 GL
 Address P.O. Box 399 Garden City KS 3118 Cummings Rd.
 Co. Rep / Geo. Kevin Timson Rig Duke 10
 Location: Sec. 28 Twp. 25 Rge. 36 Co. Kearny State KS

Interval Tested 4824-4836 Zone Tested St. Louis "A"
 Anchor Length 12 Drill Pipe Run 4802 Mud Wt. 9.3
 Top Packer Depth 4819 Drill Collars Run Ø Vis 51
 Bottom Packer Depth 4824 Wt. Pipe Run Ø WL 7.2
 Total Depth 4836 Chlorides 900 ppm System LCM 1

Blow Description IF: Built to 5" Blow
IS: No Return Blow
FF: BOB in 41 Min.
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
92	Feet of <u>GIP = 92'</u>	<u>100</u>			
<u>92</u>	Feet of <u>GC MO (thick oil)</u>	<u>20</u>	<u>50</u>	<u>30</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 92 BHT 118 Gravity API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic ~~118~~ 2411 Test 1150.00 T-On Location 21:30
 (B) First Initial Flow 18 Jars 250.00 T-Started 21:58
 (C) First Final Flow 28 Safety Joint 75.00 T-Open 23:50
 (D) Initial Shut-In 1145 Circ Sub NL T-Pulled 02:35
 (E) Second Initial Flow 84 Hourly Standby _____ T-Out 04:28
 (F) Second Final Flow 46 Mileage 140 RT = \$140.00 Comments Mileage X 52
 (G) Final Shut-In 1105 Sampler 136+136
 (H) Final Hydrostatic 2342 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1747
 Accessibility 1747 MP/DST Disc't _____
 Sub Total \$1615.00/-

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

Approved By _____ Our Representative Mike Roberts

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Geological Report

American Warrior, Inc.

Lee #4-28

1900' FSL & 767' FWL

Sec. 28, T25s, R36w

Kearny County, Kansas



American Warrior, Inc.

General Data

Well Data: American Warrior, Inc.
Lee #4-28
1900' FSL & 767' FWL
Sec. 28, T25s, R36w
Kearny County, Kansas
API # 15-093-21934-00-00

Drilling Contractor: Duke Drilling Co. Rig #10

Geologist: Kevin Timson

Spud Date: January 23, 2015

Completion Date: February 2, 2015

Elevation 3053' G.L.
3064' K.B.

Directions: From Lakin, KS. Go South on Hwy 25 7.2 Miles.
Go South on Rd R 1/4 mile. East by tank batteries
and South into.

Casing: 1889' 8 5/8" #24 Surface Casing
5098' 5 1/2" #15.5 Production Casing

Samples: 3600' to RTD 10' Wet & Dry

Drilling Time: 3600' to RTD

Electric Logs: Pioneer Energy Services "D. Schmidt"
Full Sweep

Drillstem Tests: Two-Trilobite Testing "Shane McBride"

Problems: Shut in tool on DST #1 failed.

Formation Tops

Lee #4-28

Sec. 28, T25s, R36w

1900' FSL & 767' FWL

Anhydrite	1780' +1284
Base	1855' +1209
Heebner	3678' -614
Lansing	3755' -691
Stark	4070' -1006
Bkc	4245' -1181
Marmaton	4266' -1202
Pawnee	4366' -1302
Fort Scott	4396' -1332
Cherokee	4407' -1343
Morrow	4693' -1629
Miss	4835' -1771
RTD	5100' -2036
LTD	5102' -2038

Sample Zone Descriptions

Morrow (4693', -1629): Covered in DST #2

Ss. Grey. Glauconitic. Medium to coarse grain. Poorly cemented. Well rounded. Well sorted. Good stain. Good saturation. Show of free oil when broken. Good odor. 30 unit gas kick.

Drill Stem Tests
Trilobite Testing
"Shane McBride & Mike Roberts"

DST #3

Marmaton

Interval (4284' - 4367') Anchor Length 83'

IHP - 2088 #

IFP - 30" - BOB in 10 min 33-187#

ISI - 45" - No return 1148 #

FFP - 45" - BOB in 13 min 192-363 #

FSIP - 60" - 10" return 541 #

FHP - 2021 #

BHT - 114° F

Recovery: 113' WCM

186' MCW

186' SMCW

651' Water

DST #4

Morrow

Interval (4824' - 4836') Anchor Length 12'

IHP - 2411 #

IFP - 30" - WSB built to 5" 18-28 #

ISI - 45" - No return 1145 #

FFP - 45" - BOB in 41 min 84-46 #

FSIP - 45" - No return 1105 #

FHP - 2342 #

BHT - 118° F

Recovery: 92' GMCO (50% Oil)

92' GIP

Structural Comparison

	American Warrior, Inc. Lee #4-28 Sec. 28, T25s, R36w 1900' FSL & 767' FWL		Merit Energy Corp. Lee #28-2 Sec. 28, T25s, R36w 100' FNL & 510' FWL		Merit Energy Corp. Lee #1-28 Sec 28, T25s, R36w SE SE SW
Formation					
Heebner	3678' -614	-2	3671' -612	+11	3694' -625
Lansing	3755' -691	-1	3749' -690	+16	3776' -707
Stark	4070' -1006	-1	4064' -1005	NA	NA
BKC	4245' -1181	+2	4242' -1183	NA	NA
Marmaton	4266' -1202	+3	4264' -1205	FL	4271' -1202
Pawnee	4366' -1302	-1	4360' -1301	NA	NA
Fort Scott	4396' -1332	FL	4391' -1332	NA	NA
Cherokee	4407' -1343	FL	4402' -1343	+25	4437' -1368
Morrow	4693' -1629	+14	4702' -1643	+47	4745' -1676
Miss	4835' -1771	+19	4849' -1790	+58	4898' -1829

Summary

The location for the LEE #4-28 well was found via 3-D seismic survey. The new well ran structurally as expected. Two drill stem tests were conducted, which did recover commercial quantities of oil from the Morrow Sandstone formation. After all the gathered data had been examined, the decision was made to run 5 1/2" production casing to further evaluate the Lee #4-28 well.

Perfs

Primary:	St. Louis	(4962' - 4966')	Not Tested
Secondary:	Morrow	(4825' - 4834')	DST #2
Before Abd.	St. Louis	(5071' - 5076')	Not Tested
Before Abd	Cherokee	(4412' - 4417')	Not Tested

