



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1100795
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: _____



1100795

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

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	FIML Natural Resources, LLC
Well Name	Lottie Burnett 4-22-2027
Doc ID	1100795

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
		DV tool @ 3000' cmtd w/ 475 sx Lightweight cmt w/ 0.25 pps flo	3000'
		Cmtd mouse and rat hole w/ 50 sx Lightweight w/ 0.25 pps flo	
2	4212-13'	Acidized w/ 250 gal 15% MCA 1% Solvent	4212-13'
2	4524-26'	Acidized w/ 500 gal 15% MCA 1% solvent	4524-26'
2	4505-07'	Acidized w/ 500 gal 15% MCA 1% solvent	4505-07'
		Squeeze w/ 100 sxs common cmt	4513.5-4515.5'
2	4513.5-4515.5'	Acidize w/ 250 gal 15% MCA 1% solvent	4513.5-15.5'
		Squeeze w/ 100 sxs common w/ 2% cc in 25 sxs	4513.5-15.5'
2	4513.5-15.5'	Acidize w/ 500 gal 15% MCA 1% solvent	4513.5-4515.5'

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 19, 2012

Cassie Parks
FIML Natural Resources, LLC
410 17TH ST STE 900
DENVER, CO 80202-4420

Re: ACO1
API 15-101-22385-00-00
Lottie Burnett 4-22-2027
NW/4 Sec.22-20S-27W
Lane County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

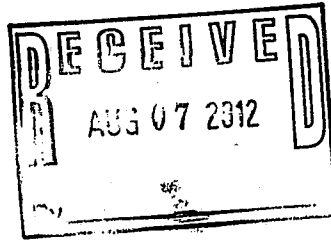
Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Cassie Parks



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361



INVOICE

Invoice Number: 132072
Invoice Date: Jul 25, 2012
Page: 1



Bill To:
FIML Natural Resources LLC
410 17th St., Suite 900
Denver, CO 80202

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
FIML	L Burnett #4-22-2027	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Jul 25, 2012	8/24/12

Quantity	Item	Description	Unit Price	Amount
240.00	MAT	Class A Common	16.25	3,900.00
5.00	MAT	Gel	21.25	106.25
9.00	MAT	Chloride	58.20	523.80
262.00	SER	Cubic Feet	2.10	550.20
420.00	SER	Ton Mileage	2.35	987.00
1.00	SER	Surface	1,125.00	1,125.00
75.00	SER	Extra Footage	0.95	71.25
35.00	SER	Pump Truck Mileage	7.00	245.00
1.00	SER	Manifold Rental - No Charge		
35.00	SER	Light Vehicle Mileage	4.00	140.00
4.00	SER	Rig Time Credit	385.00	-1,540.00
1.00	EQP	8.5/8 Fiber Baffle Plate	175.00	175.00
1.00	EQP	8.5/8 Wooden Plug	92.00	92.00
3.00	EQP	8.5/8 Centralizer	64.00	192.00
25.00	MAT	Flo Seal	2.70	67.50
1.00	CEMENTER	Dustin Chambers		
1.00	OPER ASSIST	Kevin Weighous		

OBO
AUG - 8 2012

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 11658.75

ONLY IF PAID ON OR BEFORE
Aug 19, 2012

Subtotal	6,635.00
Sales Tax	318.56
Total Invoice Amount	6,953.56
Payment/Credit Applied	
TOTAL	6,953.56

ALLIED OIL & GAS SERVICES, LLC 053759

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend, KS

DATE 7-25-12	SEC. 22	TWP. 20S	RANGE 27W	CALLED OUT	ON LOCATION	JOB START 11:00	JOB FINISH 12:00
LEASE LOTT'S				WELL # 4-22-2027	LOCATION Ness Crdg, 21W 11.75 on	COUNTY Lane	STATE KS
OLD OR (NEW) (Circle one)			Turkey Bed Bond EiaFO		1-01	6-3	

CONTRACTOR **H2 Drilling Rly TE1**
 TYPE OF JOB **Surf ace**
 HOLE SIZE **12 1/4** T.D.
 CASING SIZE **8 3/8** DEPTH **375.58**
 TUBING SIZE DEPTH
 DRILL PIPE **4 1/2** DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. **40.34**
 PERFS.
 DISPLACEMENT **21.35 bbls Freshwater**
 EQUIPMENT
 PUMP TRUCK # **398** CEMENTER **Dustin Chambers**
 HELPER **Kiko (TWS)**
 BULK TRUCK # **341** DRIVER **Kevin Weighous 3**
 BULK TRUCK # DRIVER

CEMENT AMOUNT ORDERED **240 sks class A 3Y-CL**
21-gal 1/4 flt-seal

COMMON 840	@ 16.25	3,900.00
POZMIX	@	
GEL 5	@ 21.25	106.25
CHLORIDE 9	@ 58.20	523.80
ASC	@	

HANDLING 262 cu ft	@ 2.10	550.20
MILEAGE 120 miles x 3.5 hr	2.35	987.00
4.20	TOTAL	6,067.25

REMARKS:
*Break circulation with Big mud
 Pump 10 bbls freshwater ahead
 mix 240 sks class A 3Y-CL 21 gal 1/4 flt
 shut down & Release plug
 Displace 21.35 bbls Freshwater & glowin
 cement did circulate
 plug down 12:00 pm
 plug down*

SERVICE

DEPTH OF JOB 375 ft	
PUMP TRUCK CHARGE	1125.00
EXTRA FOOTAGE 75	@ .95 71.25
MILEAGE HV 35	@ 7.00 245.00
MANIFOLD 1	@ 20.00 20.00
LUM 35	@ 4.00 140.00
TOTAL	1581.25

CHARGE TO: **FIML Natural Resources**
 STREET _____
 CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME **W Gary Duke**
 SIGNATURE **W Gary Duke**
Thank You!!!

PLUG & FLOAT EQUIPMENT

1 Fiber Raffle pipe	@ 175.00	175.00
1 wood plug	@ 92.00	92.00
3 centralizers 45/8	@ 64.00	192.00
1 Bag flt-seal 25 lbs	@ 2.70	67.50
TOTAL		526.50

SALES TAX (if any) **318.56**
5,175.00
 TOTAL CHARGES **15,970.25**
 DISCOUNT **25%** **4,000.00**
IF PAID IN 30 DAYS
\$11,970.25



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

RECEIVED
AUG 20 2012
By _____

INVOICE

Invoice Number: 132197
Invoice Date: Aug 2, 2012
Page: 1



Bill To:
FIML Natural Resources LLC
410 17th St., Suite 900
Denver, CO 80202

OBO

AUG 20 2012

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
FIML	Lottie Burnett #4-22	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Aug 2, 2012	9/1/12

Quantity	Item	Description	Unit Price	Amount
525.00	MAT	ALW	14.50	7,612.50
131.00	MAT	Flo Seal	2.70	353.70
2,625.00	MAT	Gilsonite	0.89	2,336.25
593.95	SER	Cubic Feet	2.10	1,247.30
1,955.76	SER	Ton Mileage	2.35	4,596.04
1.00	SER	Production - Top Stage -No Charge		
80.00	SER	Pump Truck Mileage - No Charge		
1.00	SER	Manifold Rental - No Charge		
80.00	SER	Light Vehicle Mileage - No Charge		
1.00	CEMENTER	Alan Ryan		
1.00	CEMENTER	Terry Heinrich		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	D J Gray		

Subtotal	16,145.79
Sales Tax	649.05
Total Invoice Amount	16,794.84
Payment/Credit Applied	
TOTAL	16,794.84

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$3229.15

ONLY IF PAID ON OR BEFORE
Aug 27, 2012

- 3229.15
13565.69

ALLIED OIL & GAS SERVICES, LLC 056782

Federal Tax I.D.# 20-5976804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT

Cakley, K.

DATE <u>8/2/12</u>	SEC. <u>22</u>	TWP. <u>20</u>	RANGE <u>27</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30am</u>	JOB FINISH <u>12:30pm</u>
LEASE <u>Lot 12 Burnett</u>	WELL # <u>H-27</u>	LOCATION <u>Righton E 70 Turkey Rd. Box 5 10th Lane</u>	COUNTY <u>Lawrence</u>	STATE <u>KS</u>			
OLD OR (NEW) Circle one		<u>EC-S-Bravo</u>					

CONTRACTOR HA 2 OWNER Same

TYPE OF JOB Production Top Stage

HOLE SIZE 7 7/8" T.D. _____

CASING SIZE 5 1/2" 1 5/8" DEPTH 4628

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL OV DEPTH 2999

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 13.9

PERFS. _____

DISPLACEMENT 72000L H2O

EQUIPMENT _____

CEMENT AMOUNT ORDERED 525 ALW 14 FloSeal
5" GILSONITE

COMMON	_____	_____
POZMIX	_____	_____
GEL	_____	_____
CHLORIDE	_____	_____
ASC	_____	_____
ALW	<u>100 5 1/2"</u>	<u>7612.50</u>
FloSeal	<u>131 lb</u>	<u>2.20</u> <u>293.70</u>
Gilsonite	<u>2625 lb</u>	<u>.89</u> <u>2336.25</u>
HANDLING	<u>593.95 CF</u>	<u>2.10</u> <u>1247.30</u>
MILEAGE	<u>22.27 mile</u>	<u>24.442</u> <u>4596.01</u>
		TOTAL <u>15493.29</u>

PUMP TRUCK # 422 CEMENTER Alan Terry HELPER Wayne

BULK TRUCK # 482 DRIVER Bill (Tins) GR

BULK TRUCK # 540 DRIVER D.J. Gray 3

REMARKS:
mix 30SKs RT 15SKs m hole mix
5Ks down 5/8" washup. Displace
Plus 20 tool w/ 1100 P size left w/ 1
2800L H2O. Tool closed. Cement
disl circulate

Frank
Alan Terry, Wayne, D.J. Gray

CHARGE TO: F.D.M. Nat. Resources

STREET _____

CITY _____ STATE _____ ZIP _____

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Gary Dale

SIGNATURE [Signature]

SERVICE

DEPTH OF JOB _____ 2999

PUMP TRUCK CHARGE _____ n/c

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ 80 @ _____ n/c

MANIFOLD _____ 80 @ _____ n/c

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

SALES TAX (if Any) 649.05 TOTAL 609.94

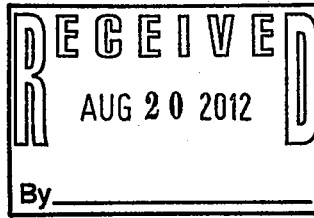
TOTAL CHARGES 10,443.29 16,145.79

DISCOUNT 20 3229.15 IF PAID IN 30 DAYS



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361



INVOICE

Invoice Number: 132196
Invoice Date: Aug 2, 2012
Page: 1



Bill To:
FIML Natural Resources LLC
410 17th St., Suite 900
Denver, CO 80202

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
FIML	Lottie Burnett #4-22	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Aug 2, 2012	9/1/12

Quantity	Item	Description	Unit Price	Amount
4.00	MAT	Gel	21.25	85.00
225.00	MAT	ASC	19.00	4,275.00
56.00	MAT	Flo Seal	2.70	151.20
1,125.00	MAT	Gilsonite	0.89	1,001.25
21.00	MAT	Salt	23.95	502.95
500.00	MAT	WFR-2	1.27	635.00
290.01	SER	Cubic Feet	2.10	609.02
1,002.96	SER	Ton Mileage	2.35	2,356.96
1.00	SER	Production - Bottom Stage	2,405.00	2,405.00
80.00	SER	Pump Truck Mileage	7.00	560.00
1.00	SER	Manifold & Head Rental	200.00	200.00
80.00	SER	Light Vehicle Mileage	4.00	320.00
1.00	EQP	5.5 D V Tool	4,921.00	4,921.00
25.00	EQP	5.5 Centralizer	49.00	1,225.00
2.00	EQP	5.5 Basket	337.00	674.00
1.00	EQP	5.5 Sure Seal Float Collar	620.00	620.00
1.00	EQP	5.5 Sure Seal Float Shoe	520.00	520.00
1.00	CEMENTER	Alan Ryan		
1.00	CEMENTER	Terry Heinrich		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	D J Gray		

OBO
AUG 20 2012

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 4212.27

ONLY IF PAID ON OR BEFORE
Aug 27, 2012

Subtotal	21,061.38
Sales Tax	920.46
Total Invoice Amount	21,981.84
Payment/Credit Applied	
TOTAL	21,981.84

-4212.27
17769.57

James Burnett

ALLIED OIL & GAS SERVICES, LLC 056781

Federal Tax I.D.# 20-5976804

EMITTO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Dakota, KS

DATE <i>8/2/12</i>	SEQ <i>20</i>	TWP <i>20</i>	RANGE <i>27</i>	CALLED OUT	ON LOCATION	JOB START <i>8:30</i>	JOB FINISH <i>2:30</i>
THE BURNETT ASB	WELL # <i>4-22</i>	LOCATION <i>Aughton Eto Tully Rd. 10 1/2</i>			COUNTY <i>Law</i>	STATE <i>Ks</i>	
C/D OR NEW (Circle one)				<i>S E-C-S - E-INTO</i>			

CONTRACTOR *H2 2*

TYPE OF JOB *Production Bottom Stage*

JOB SIZE *7 1/2" T.D.*

ASB SIZE *5 1/2" 15lb. 66*

PIPE SIZE *5 1/2" DEPTH 4628.61*

PIPE DEPTH *2999.66*

JOINT MAX. MINIMUM

EAS. LINE SHOULDER *13.9*

MENT LEFT IN CSG. *13.9*

PLACEMENT *H2O 36 Mud - 7 1/2"*

OWNER *Same*

CEMENT AMOUNT ORDERED *225 ASC 1090 Seal*

270 gal 5" Gilsonite 1/4 Flo Seal

COMMON	@		
POZ MIX	@		
GEL	@	<i>4</i>	<i>21.25 85.00</i>
CHLORIDE	@		
ASC	@	<i>225</i>	<i>19.00 4275.00</i>
Flo Seal	@	<i>56lb</i>	<i>2.20 151.20</i>
Gilsonite	@	<i>1125lb</i>	<i>2.89 1001.25</i>
Seal	@	<i>21</i>	<i>23.21 822.21</i>
WFR II	@	<i>500gal</i>	<i>1.22 635.00</i>
HANDLING	@	<i>290.01CF</i>	<i>2.10 609.25</i>
MILEAGE	@	<i>290/mile 12.53</i>	<i>83.56</i>
TOTAL			<i>9616.38</i>

EQUIPMENT

TRUCK CEMENTER *Alex Terry Heinrich*

TRUCK HELPER *Alyse McKinstry*

TRUCK DRIVER *D.J. Gray*

TRUCK DRIVER *Bill (GAB) (GAS)*

REMARKS:
*My well, Circulate, Mix Cement, Wash up, Displace
log well, 36 DBH, 7 1/2" DBL, 15lb. Mud
0 will 1000 PSP GEN, 1000 lb
500 PST, Flo Seal, 1000 lb
200 PST, Gum Latex 4 hrs.*

*Frank Van
Hawthorn, Hwy 101, PO, 67111*

ORDER TO: *FIML Nat. Resources*

REET

STATE ZIP

1002.96

SERVICE

DEPTH OF JOB *4628*

PUMP TRUCK CHARGE *2405.00*

EXTRA FOOTAGE @

MILEAGE *80* @ *2.00 560.00*

MANIFOLD & Head @ *200.00*

Ateloback *80* @ *4.00 320.00*

TOTAL *3485.00*

PLUG & FLOAT EQUIPMENT

NU Tool *1* *4921.00*

Centralizer *25* @ *49.00 1225.00*

Ballots *2* @ *337.00 674.00*

Sureseal Float collar @ *600.00*

Sure Seal Float shoe @ *520.00*

TOTAL *2960.00*

Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment
I furnish cementer and helper(s) to assist owner of
tractor to do work as is listed. The above work was
to satisfaction and supervision of owner agent or
tractor. I have read and understand the "GENERAL
TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Gary Duke*

NATURE *Warranty*

SALES TAX (If Any) *9.20 213.45*

TOTAL CHARGES *21,061.38*

DISCOUNT *4,212.27* IF PAID IN 30 DAYS



DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th St. Suite 900
Denver, CO 80202

ATTN: Jim Musgrove/Gary Do

22-20s-27w Lane,KS

Lottie Burnett #4-22-2027

Start Date: 2012.07.30 @ 19:16:00

End Date: 2012.07.31 @ 05:09:00

Job Ticket #: 48943 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.03 @ 10:41:58



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FIML Natural Resources

410 17th St. Suite 900
Denver, CO 80202

ATTN: Jim Musgrove/Gary Do

Lottie Burnett #4-22-2027

22-20s-27w Lane, KS

Job Ticket: 48943

DST#: 1

Test Start: 2012.07.30 @ 19:16:00

GENERAL INFORMATION:

Formation: **Mississippian - Osag**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:16:20

Time Test Ended: 05:09:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 4465.00 ft (KB) To 4520.00 ft (KB) (TVD)

Reference Elevations: 2627.00 ft (KB)

Total Depth: 4520.00 ft (KB) (TVD)

2617.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 220.29 psig @ 4468.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.30

End Date:

2012.07.31

Last Calib.:

2012.07.31

Start Time: 19:16:02

End Time:

05:09:00

Time On Btm:

2012.07.30 @ 22:14:40

Time Off Btm:

2012.07.31 @ 01:41:00

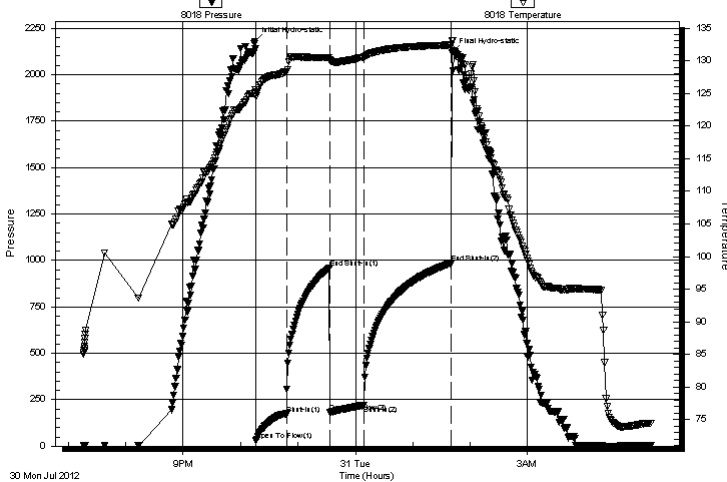
TEST COMMENT: B.O.B. @ 18 min.

No return.

No blow.

No return. Later found an obstruction in floor manifold.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2179.60	125.03	Initial Hydro-static
2	32.13	124.58	Open To Flow (1)
34	173.98	128.29	Shut-In(1)
79	959.50	130.44	End Shut-In(1)
79	183.41	130.10	Open To Flow (2)
115	220.29	130.57	Shut-In(2)
205	984.40	132.39	End Shut-In(2)
207	2118.58	133.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GMCO 20g 35m 45o	0.89
273.00	GOCM 10g 40o 50m	2.12
60.00	GO 20g 80o	0.84
0.00	30' GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FIML Natural Resources

Lottie Burnett #4-22-2027

410 17th St. Suite 900
Denver, CO 80202

22-20s-27w Lane, KS

ATTN: Jim Musgrove/Gary Do

Job Ticket: 48943

DST#: 1

Test Start: 2012.07.30 @ 19:16:00

GENERAL INFORMATION:

Formation: **Mississippian - Osag**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:16:20

Time Test Ended: 05:09:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: **4465.00 ft (KB) To 4520.00 ft (KB) (TVD)**

Total Depth: 4520.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2627.00 ft (KB)

2617.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6751 Outside

Press @ Run Depth: psig @ 4468.00 ft (KB)

Start Date: 2012.07.30

End Date: 2012.07.31

Start Time: 19:16:02

End Time: 05:08:48

Capacity: 8000.00 psig

Last Calib.: 2012.07.31

Time On Btm:

Time Off Btm:

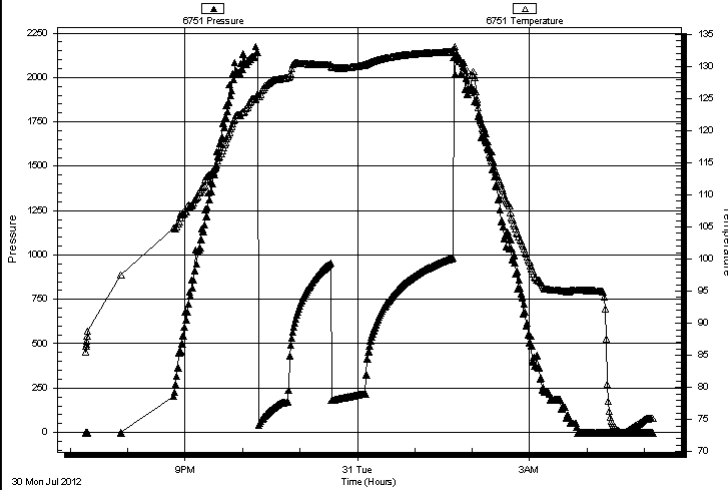
TEST COMMENT: B.O.B. @ 18 min.

No return.

No blow.

No return. Later found an obstruction in floor manifold.

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
180.00	GMCO 20g 35m 45o	0.89
273.00	GOCM 10g 40o 50m	2.12
60.00	GO 20g 80o	0.84
0.00	30' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

Lottie Burnett #4-22-2027

410 17th St. Suite 900
Denver, CO 80202

22-20s-27w Lane, KS

ATTN: Jim Musgrove/Gary Do

Job Ticket: 48943

DST#: 1

Test Start: 2012.07.30 @ 19:16:00

Tool Information

Drill Pipe:	Length: 4082.00 ft	Diameter: 3.80 inches	Volume: 57.26 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 368.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 59.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4465.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	75.00 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			4446.00	
Shut In Tool	5.00			4451.00	
Hydraulic tool	5.00			4456.00	
Packer	5.00			4461.00	20.00 Bottom Of Top Packer
Packer	4.00			4465.00	
Stubb	1.00			4466.00	
Perforations	2.00			4468.00	
Recorder	0.00	8018	Inside	4468.00	
Recorder	0.00	6751	Outside	4468.00	
Perforations	16.00			4484.00	
Change Over Sub	1.00			4485.00	
Drill Pipe	31.00			4516.00	
Change Over Sub	1.00			4517.00	
Bullnose	3.00			4520.00	55.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

Lottie Burnett #4-22-2027

410 17th St. Suite 900
Denver, CO 80202

22-20s-27w Lane, KS

Job Ticket: 48943

DST#: 1

ATTN: Jim Musgrove/Gary Do

Test Start: 2012.07.30 @ 19:16:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	GMCO 20g 35m 45o	0.885
273.00	GOCM 10g 40o 50m	2.117
60.00	GO 20g 80o	0.842
0.00	30' GIP	0.000

Total Length: 513.00 ft Total Volume: 3.844 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

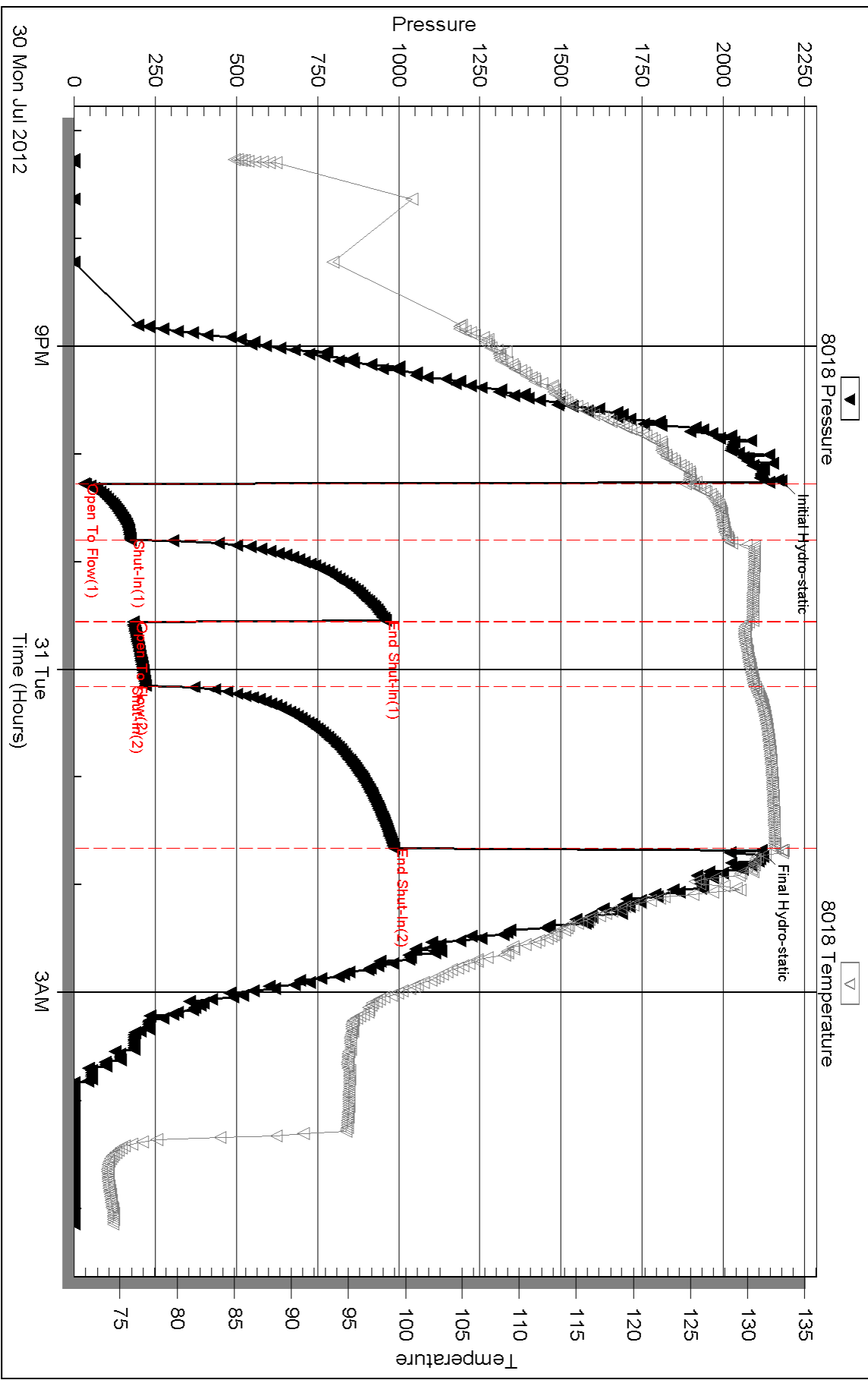
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API: 33 @ 80 Degrees F = 31

Pressure vs. Time

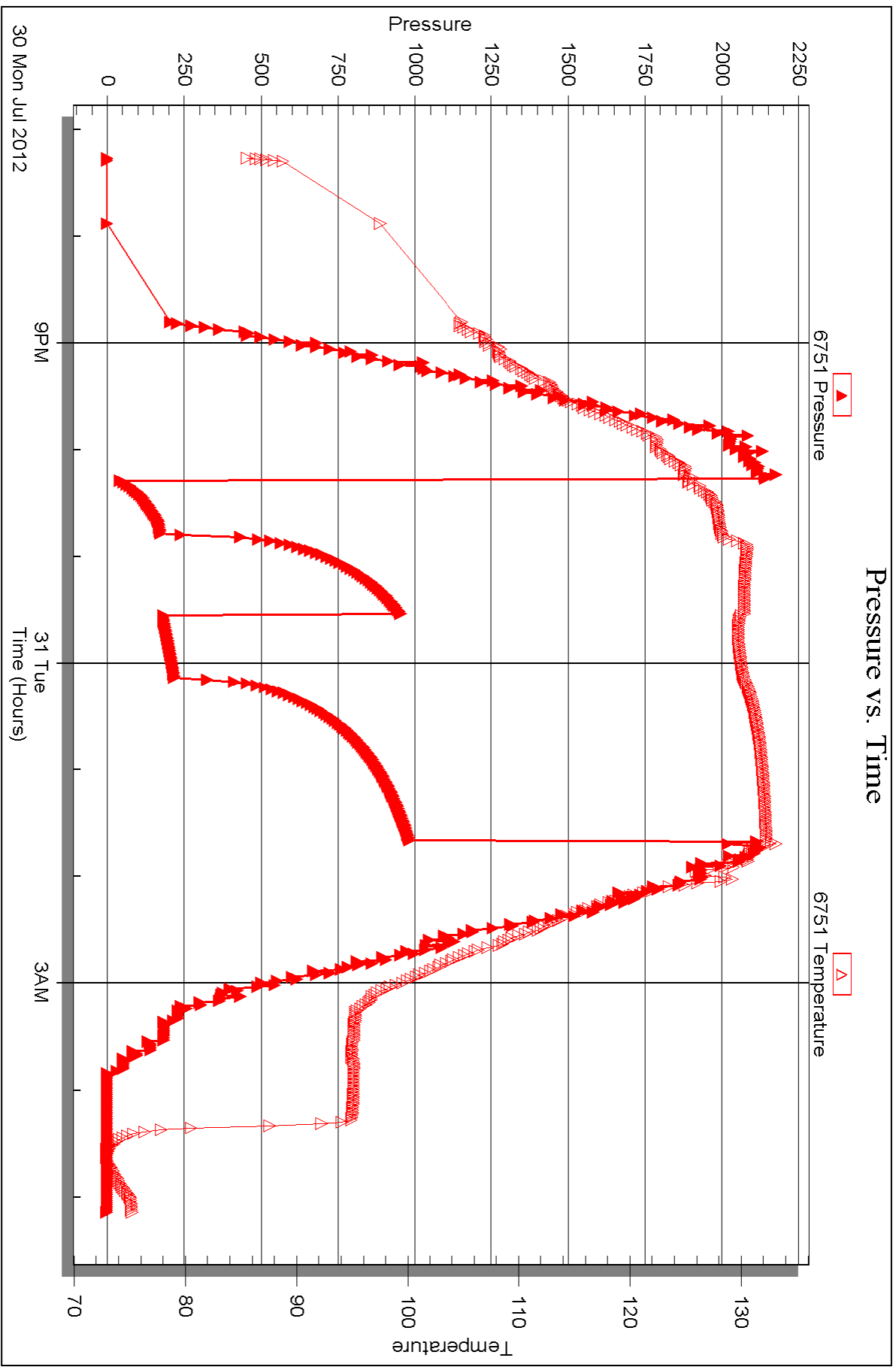


Serial #: 6751

Outside FIML Natural Resources

22-20s-27w Lane, KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **FIML Natural Resources**

410 17th St. Suite 900
Denver, CO 80202

ATTN: Jim Musgrove/Gary Do

22-20s-27w Lane,KS

Lottie Burnett #4-22-2027

Start Date: 2012.07.31 @ 12:33:00

End Date: 2012.07.31 @ 22:06:49

Job Ticket #: 48944 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.08.03 @ 10:41:21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FIML Natural Resources

410 17th St. Suite 900
Denver, CO 80202

ATTN: Jim Musgrove/Gary Do

Lottie Burnett #4-22-2027

22-20s-27w Lane, KS

Job Ticket: 48944

DST#: 2

Test Start: 2012.07.31 @ 12:33:00

GENERAL INFORMATION:

Formation: **Mississippian - Osag**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:26:40

Time Test Ended: 22:06:49

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: 4521.00 ft (KB) To 4532.00 ft (KB) (TVD)

Total Depth: 4532.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2627.00 ft (KB)

2617.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press @ Run Depth: 252.58 psig @ 4524.00 ft (KB)

Start Date: 2012.07.31

End Date:

2012.07.31

Start Time: 12:33:02

End Time:

22:06:49

Capacity: 8000.00 psig

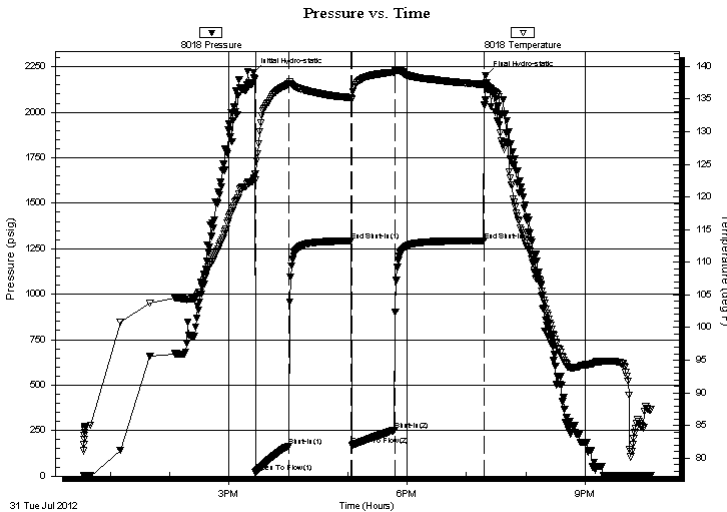
Last Calib.: 2012.07.31

Time On Btm: 2012.07.31 @ 15:25:00

Time Off Btm: 2012.07.31 @ 19:19:30

TEST COMMENT: B.O.B. @ 27 min.
3/4" Return died @ 13 min.
B.O.B. @ 27 min.
Weak return died @ 10 min.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2219.65	122.81	Initial Hydro-static
2	18.76	122.67	Open To Flow (1)
36	164.66	137.31	Shut-In(1)
99	1293.13	135.19	End Shut-In(1)
99	170.47	134.86	Open To Flow (2)
143	252.58	139.09	Shut-In(2)
233	1293.90	137.24	End Shut-In(2)
235	2201.50	136.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
276.00	MW 5m 95w	1.36
92.00	OCMW 20o 5m 75w	0.45
217.00	GO 15g 85o	3.04
0.00	60' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

FIML Natural Resources

Lottie Burnett #4-22-2027

410 17th St. Suite 900
Denver, CO 80202

22-20s-27w Lane, KS

Job Ticket: 48944

DST#: 2

ATTN: Jim Musgrove/Gary Do

Test Start: 2012.07.31 @ 12:33:00

Tool Information

Drill Pipe:	Length: 4145.00 ft	Diameter: 3.80 inches	Volume: 58.14 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 368.00 ft	Diameter: 2.25 inches	Volume: 1.81 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 59.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4521.00 ft			Final 77000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	31.00 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			4502.00	
Shut In Tool	5.00			4507.00	
Hydraulic tool	5.00			4512.00	
Packer	5.00			4517.00	20.00 Bottom Of Top Packer
Packer	4.00			4521.00	
Stubb	1.00			4522.00	
Perforations	2.00			4524.00	
Recorder	0.00	8018	Inside	4524.00	
Recorder	0.00	6751	Outside	4524.00	
Perforations	5.00			4529.00	
Bullnose	3.00			4532.00	11.00 Bottom Packers & Anchor

Total Tool Length: 31.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

FIML Natural Resources

Lottie Burnett #4-22-2027

410 17th St. Suite 900
Denver, CO 80202

22-20s-27w Lane, KS

ATTN: Jim Musgrove/Gary Do

Job Ticket: 48944

DST#: 2

Test Start: 2012.07.31 @ 12:33:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

28000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
276.00	MW 5m 95w	1.357
92.00	OCMW 20o 5m 75w	0.452
217.00	GO 15g 85o	3.044
0.00	60' GIP	0.000

Total Length: 585.00 ft

Total Volume: 4.853 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

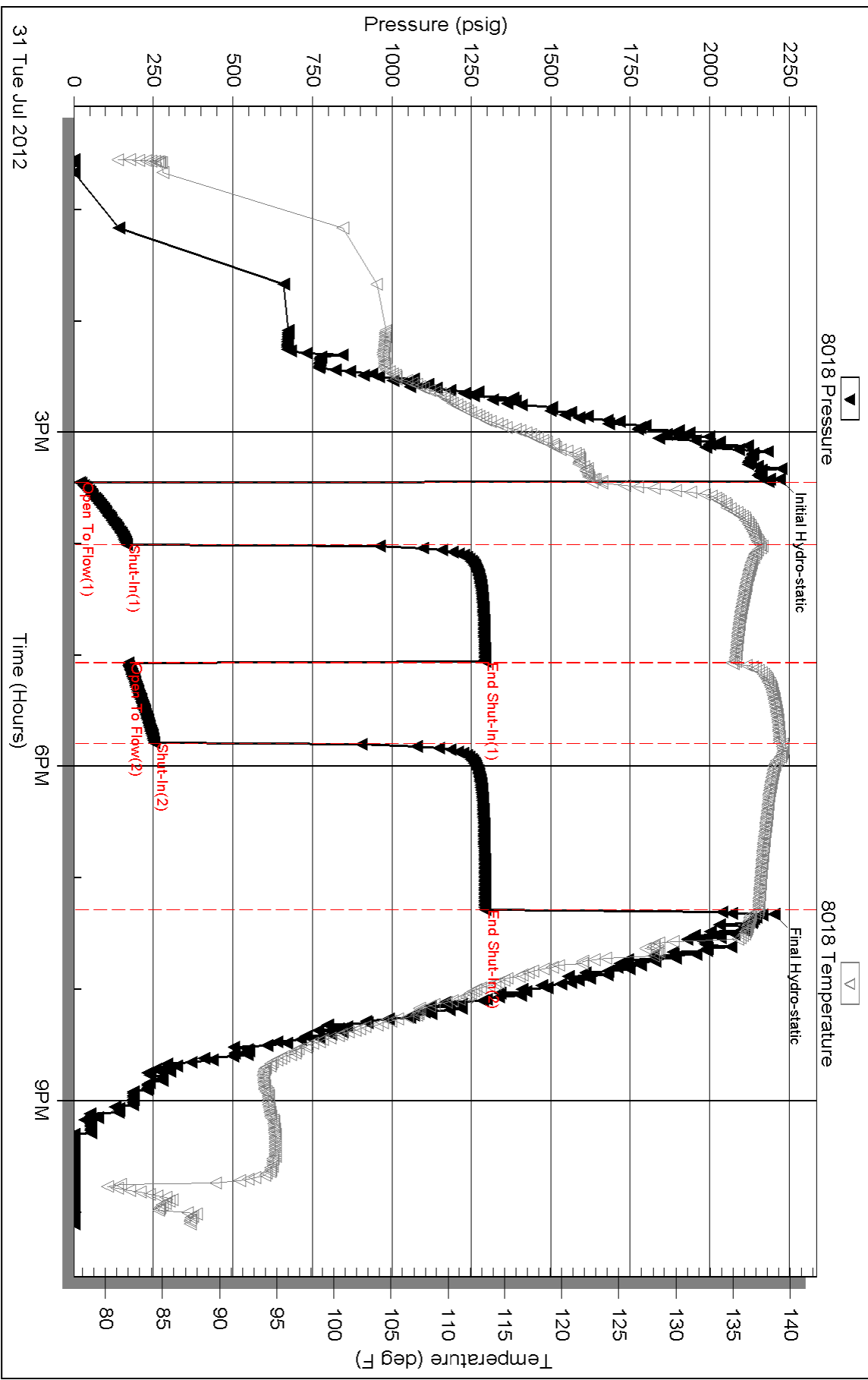
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API:35 @ 90 Degrees F = 32. RW:.200 @88 Degres F = 28000 PPM

Pressure vs. Time

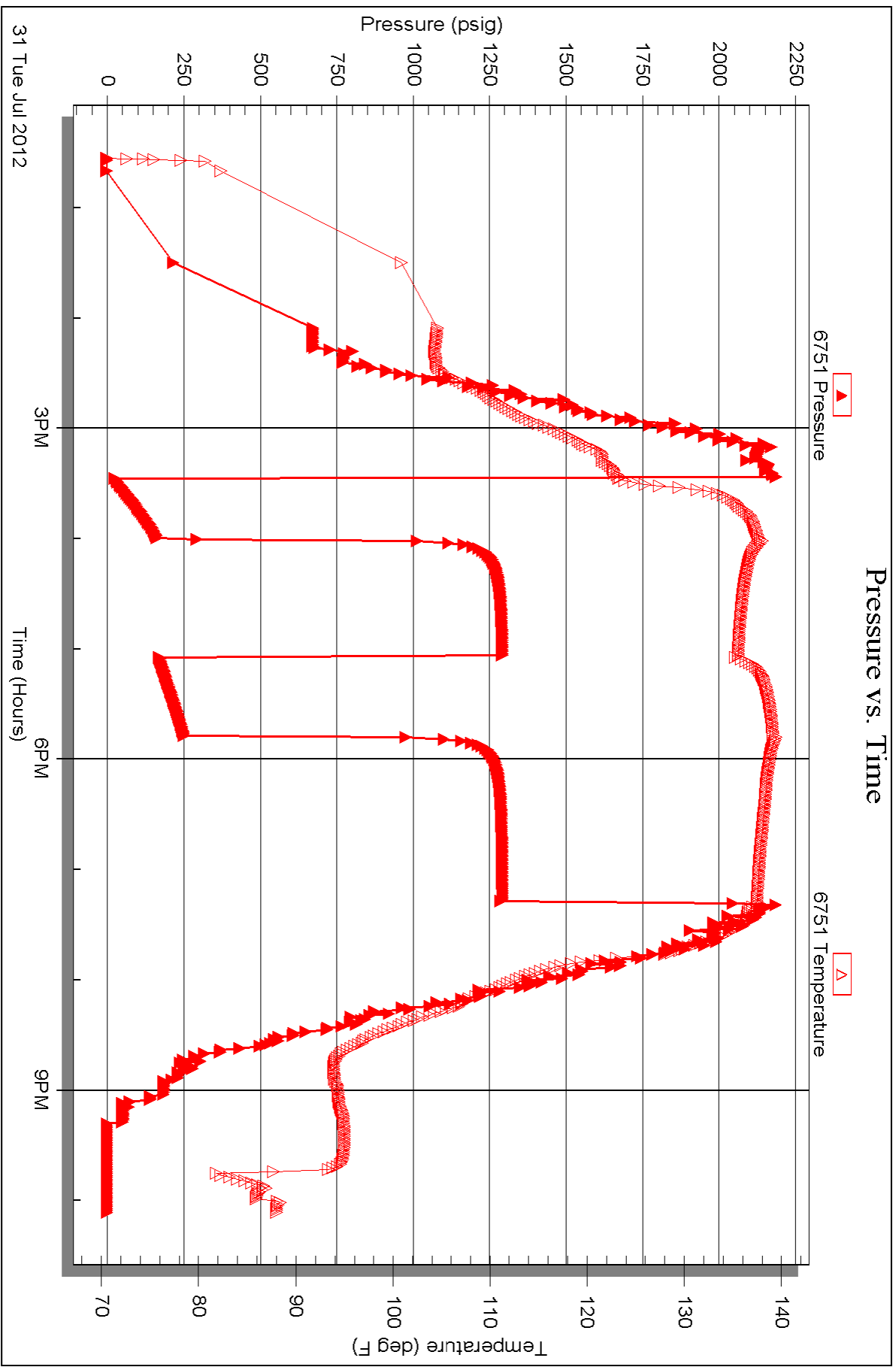


Serial #: 6751

Outside FIML Natural Resources

22-20s-27w Lane, KS

DST Test Number: 2





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48943

Well Name & No. Lottie Burnett 4-22-2027 Test No. 1 Date 7-30-12
 Company FIML Natural Resources Elevation 2627 KB 2617 GL
 Address 410 17th St. Ste. 900 Denver, CO 80202
 Co. Rep / Geo. Gary Duke Rig H2nd 2
 Location: Sec. 22 Twp. 20s Rge. 27w Co. Lane State KS

Interval Tested 4465-4520 Zone Tested Mississippian Osage
 Anchor Length 55 Drill Pipe Run 4082 Mud Wt. 9.1
 Top Packer Depth 4461 Drill Collars Run 368 Vis 56
 Bottom Packer Depth 4465 Wt. Pipe Run 0 WL 8.0
 Total Depth 4520 Chlorides 2400 ppm System LCM 2nd
 Blow Description B.O.B. @ 18 min
No return
No blows
No return Later found an obstruction

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>30' GIP</u>				
<u>60</u>	<u>60</u>	<u>20</u>	<u>80</u>		
<u>273</u>	<u>60CM</u>	<u>10</u>	<u>40</u>		<u>50</u>
<u>180</u>	<u>6mco</u>	<u>20</u>	<u>45</u>		<u>35</u>
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 513 BHT 132 Gravity 31 API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic 2180 Test 1250 1275 T-On Location 19:00
 (B) First Initial Flow 32 Jars T-Started 19:16
 (C) First Final Flow 174 Safety Joint T-Open 22:16
 (D) Initial Shut-In 960 Circ Sub T-Pulled 01:40
 (E) Second Initial Flow 183 Hourly Standby T-Out 5:09
 (F) Second Final Flow 220 Mileage 92 RT 142⁶⁰ Comments
 (G) Final Shut-In 984 Sampler
 (H) Final Hydrostatic 2119 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1542.60
 Accessibility 150 MP/DST Disc't
 Sub Total 1542.60

Approved By [Signature] Our Representative Chuck Smith

Trilobite 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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48944

Well Name & No. Lottie Burnett 4-22-2027 Test No. 2 Date 7-31-12
 Company FIML Natural Resources Elevation 2627 KB 2617 GL
 Address 410 17th St. Ste. 900 Denver, CO 80202
 Co. Rep / Geo. Gary Duke Rig H2#1
 Location: Sec. 22 Twp. 20s Rge. 27w Co. Lane State Ks

Interval Tested 4521 - 4532 Zone Tested _____
 Anchor Length 11 Drill Pipe Run 4145 Mud Wt. 9.05
 Top Packer Depth 4517 Drill Collars Run 368 Vis 46
 Bottom Packer Depth 4521 Wt. Pipe Run 0 WL 7.6
 Total Depth 4532 Chlorides 2400 ppm System LCM 2nd

Blow Description B.O.B. @ 27 min
3/4" Return died @ 13 min
B.O.B. @ 27 min
Weak return died @ 10 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>60' GIP</u>				
<u>217</u>	<u>60</u>	<u>15</u>	<u>85</u>		
<u>92</u>	<u>OCUM</u>		<u>20</u>	<u>75</u>	<u>5</u>
<u>276</u>	<u>MW</u>			<u>95</u>	<u>5</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 585 BHT 137 Gravity 32 API RW .200 @ 88 °F Chlorides 28,000 ppm

(A) Initial Hydrostatic 2220 Test 1250 T-On Location 12:00
 (B) First Initial Flow 19 Jars T-Started 12:33
 (C) First Final Flow 165 Safety Joint T-Open 15:27
 (D) Initial Shut-In 1293 Circ Sub NIC T-Pulled 18:17
 (E) Second Initial Flow 170 Hourly Standby T-Out 22:07
 (F) Second Final Flow 253 Mileage 92 RT 142.60 Comments _____
 (G) Final Shut-In 1294 Sampler _____
 (H) Final Hydrostatic 2202 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 45
 Final Shut-In 90
 Sub Total 1542.60
 Total 1542.60
 MP/DST Disc't _____

Approved By [Signature] Our Representative Chuck Smith

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.