

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 Recompletion Date _____ 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
--	---

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--

Form	ACO1 - Well Completion
Operator	White Exploration, Inc.
Well Name	ABERCROMBIE UNIT 1
Doc ID	1711244

All Electric Logs Run

Compensated Density/Neutron Log
Dual Induction Log
Micro Log
Sonic Log



Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Abreercrombie Unit #1
API: 15-083-22017
Location: 13-23S-24W
License Number:
Spud Date: 09/29/22
Surface Coordinates: 115' FNL; 360' FWL
Region: Hodgeman County, KS
Drilling Completed: 10/06/22

Bottom Hole
Coordinates:
Ground Elevation (ft): 2337
Logged Interval (ft): 3800 To: 4680
Formation: Mississippian
Type of Drilling Fluid: Chemical
K.B. Elevation (ft): 2344
Total Depth (ft): 4680

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: White Exploration, Inc.
Address: 1635 N Waterfront Pkwy, Ste. 100
Wichita, KS 67206

GEOLOGIST

Name: Andrew White
Company: White Exploration, Inc.
Address:

Remarks

Due to structural position, good samples, and DST results, the decision to run production casing was made,

General Info

Drilling Contractor: Pickrell Drilling, Rig #10

Logs: ELI Wireline, Neutron/Density, Dual, Micro, Sonic

Drilling Mud: Mudco/Service Mud, Inc.

DST: Trilobite Testing

Surveys: 305'- 3/4, 818'-3/4, 1355'-1/2, 1902'- 3/4, 2408'-3/4, 4595'-1/4, 4680'-3/4

Daily Status

09/29/22: Spud @ 3:00 pm, Drill 305'. Ran 7 joints new 5-5/8" 23# Surface casing. Cement with 175 sacks Common with 2% CC and 3% gel

09/30/22: Drill out from under Surface

10/01/22: Drilling ahead @ 2250'

10/02/22: Drilling ahead @ 3261'

10/03/22: Drilling ahead @ 4051'

10/04/22: Circulating for samples @ 4588'

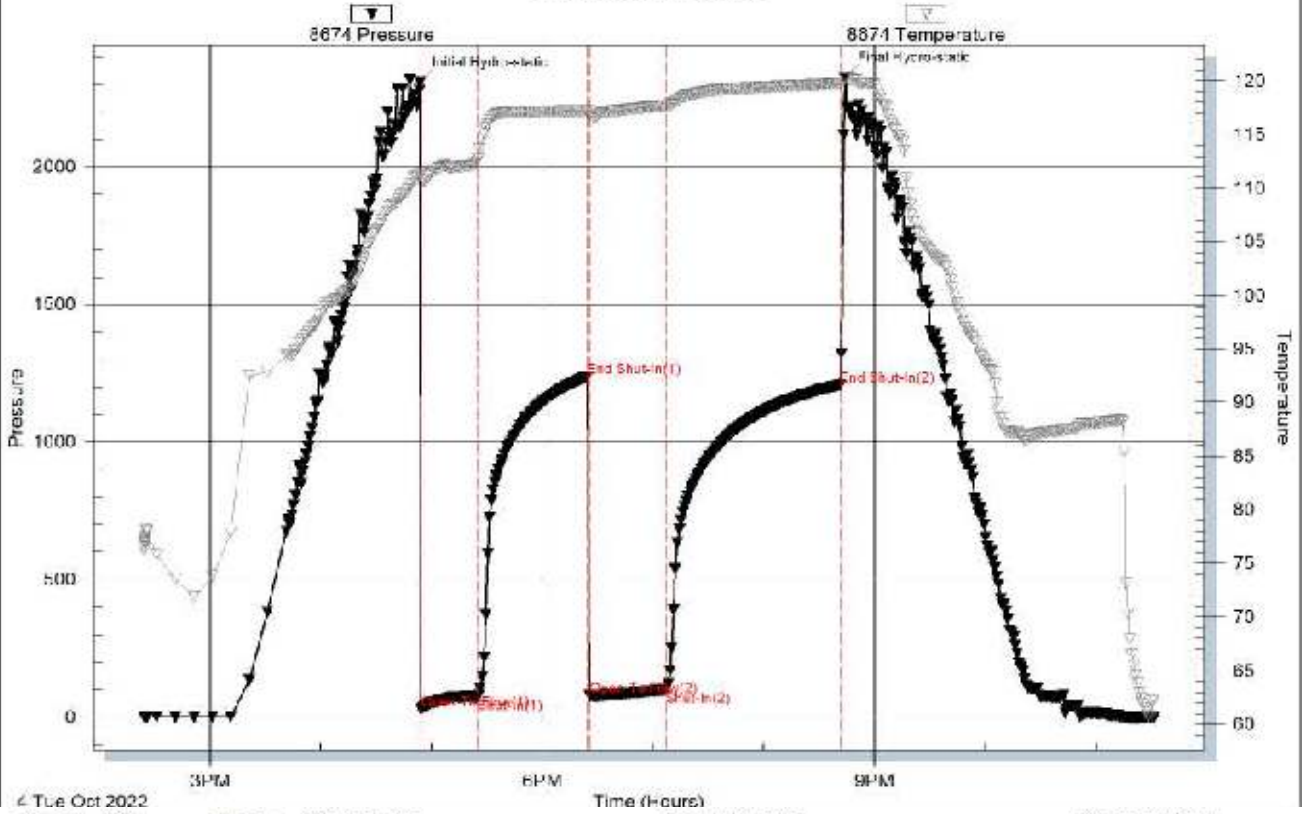
10/05/22: Running DST #2 @ 4605'

10/06/22: Running DST #3 @ 4615'

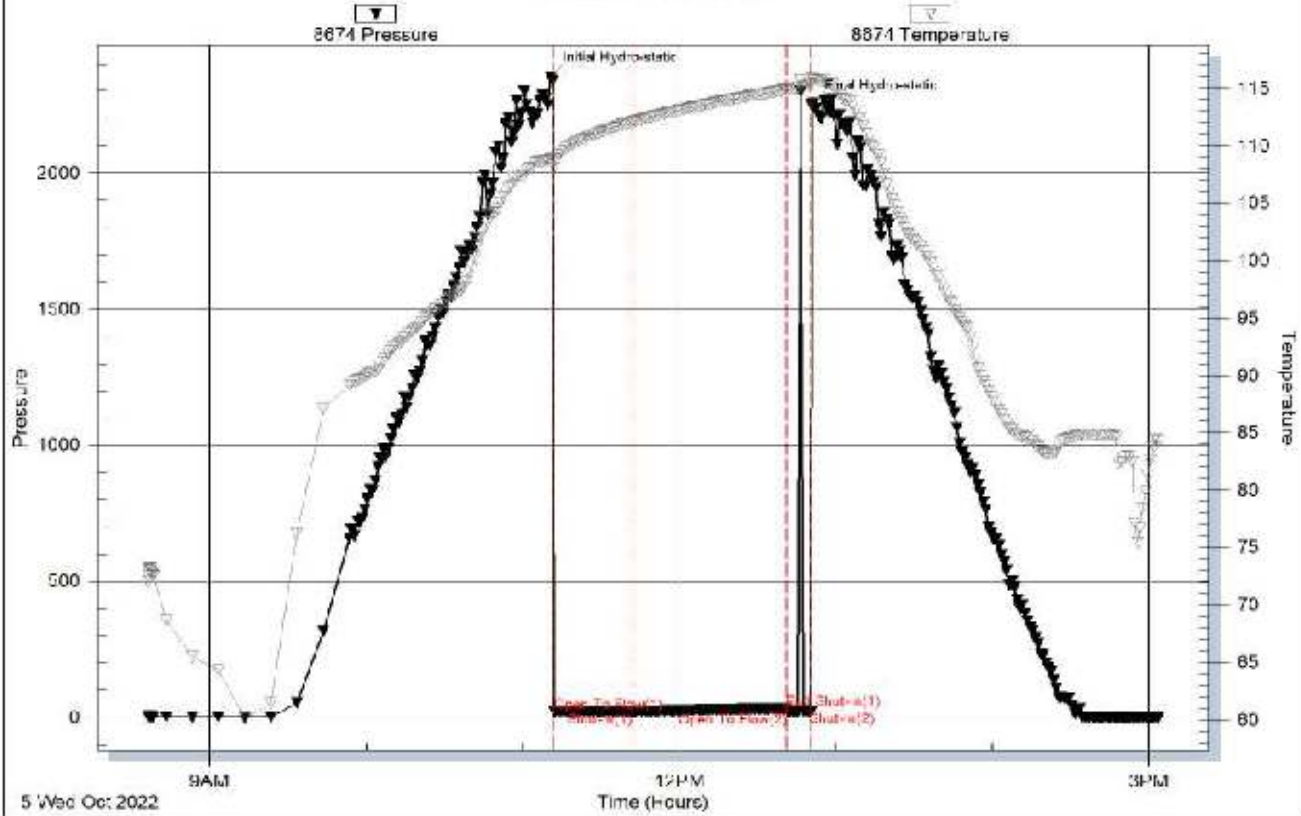
10/07/22: Laying down pipe to run production casing @ 4080'

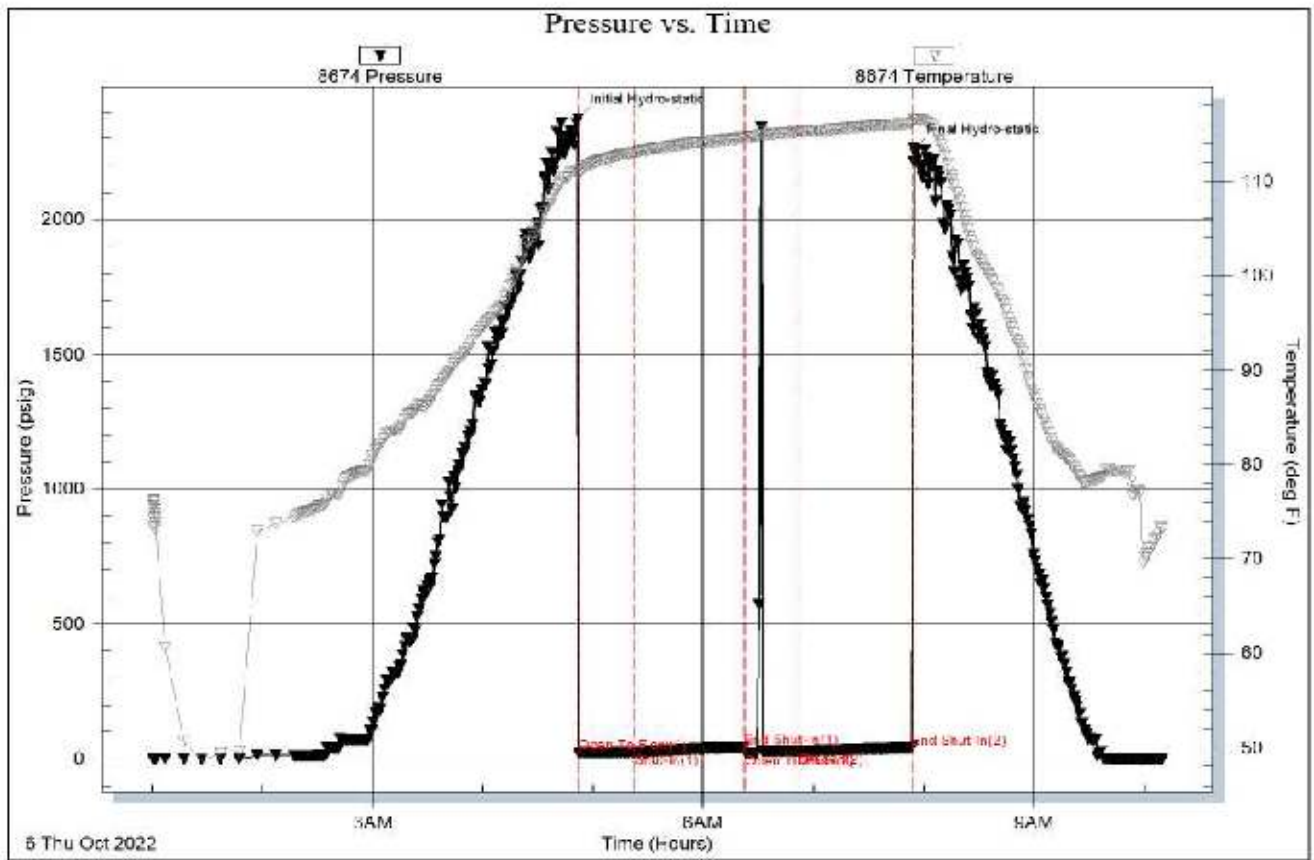
White Ex				Coates and Malone		Pickrell		Shakespeare	
Abercrombie Unit #1				Jones #1		Jones CC #1		Schroeder 1-11	
13-23S-24W				11-23S-24W		12-23S-24W		11-23S-24W	
115' FNL, 360' FWL				SW NE SE		NW SW SE		2299' FSL, 690' FWL	
KB:2344				KB: 2375		KB: 2310		KB: 2371	
Sample	Log	Datum		Relationship		Relationship		Relationship	
Stone Corral	1535	1531	813	+2		+3		+4	
B. Stone	1559	1558	786	-9		-13		-11	
Heebner	3892	3890	-1546	+3		+17		+5	
Lansing	3940	3938	-1594	+4		+20		+11	
Stark	4225	4240	-1896	-2		+9		+15	
BKC	4348	4356	-2012	0		+14		+19	
Cherokee	4526	4534	-2190	+4		+20		+39	
Mississippi	4580	4578	-2234	+22		+42		+131	

Pressure vs. Time



Pressure vs. Time





ROCK TYPES

LITHOLOGY

	Anhy
	Bent
	Brec
	Cht
	Clyst
	Coal
	Congl
	Dol
	Gyp
	Igne
	Lmst
	Meta
	Mrst
	Salt
	Shale
	Shcol
	Shgy

	Sltst
	Ss
	Till

MINERAL

	Anhy
	Arggrn
	Arg
	Bent
	Bit
	Brecfrag
	Calc
	Carb
	Chtdk
	Chtl
	Dol
	Feldspar
	Ferrpel

	Ferr
	Glau
	Gyp
	Hvymn
	Kaol
	Marl
	Minxl
	Nodule
	Phos
	Pyr
	Salt
	Sandy
	Silt
	Sil
	Sulphur
	Tuff

FOSSIL

	Algae
	Amph
	Belm
	Bioclst
	Brach
	Bryozoa
	Cephal
	Coral
	Crin
	Echin
	Fish
	Foram
	Fossil
	Gastro
	Oolite
	Ostra
	Pelec

	Pellet
	Pisolite
	Plant
	Strom

STRINGER

	Anhy
	Arg
	Bent
	Coal
	Dol
	Gyp
	Ls
	Mrst
	Sltstrg
	Ssstrg

Curve Track 1

ROP (min/ft) ———
Gamma (API) - - -

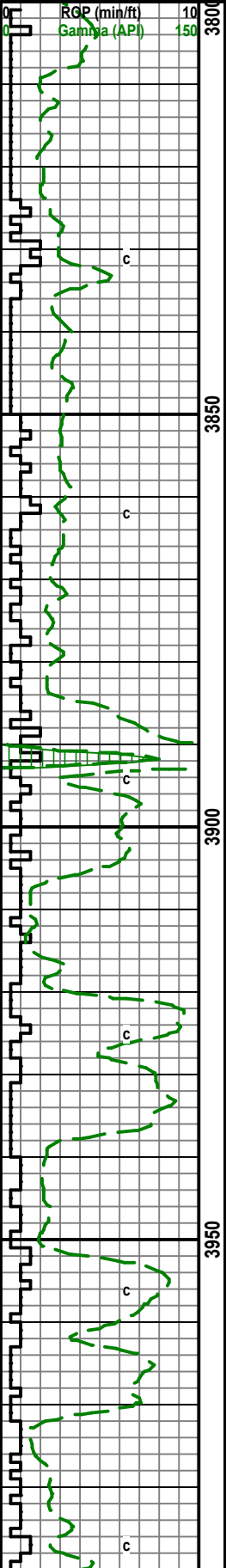
Lithology

Geological Descriptions

TG, C1-C5

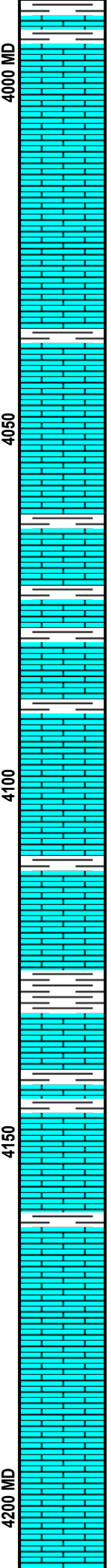
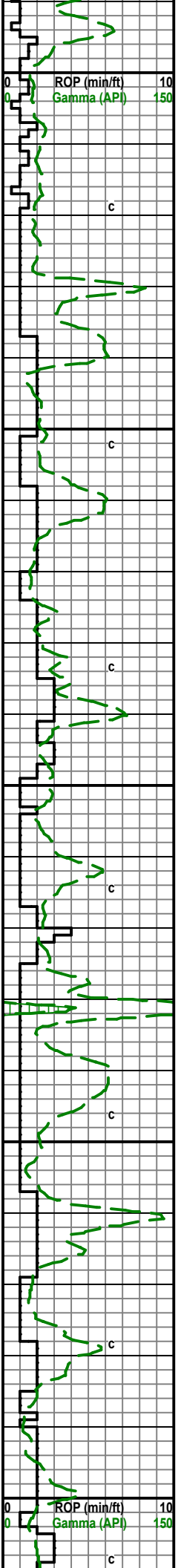
MD

Oil Shows



Heebner: 3890 (-1546)

Lansing: 3938 (-1594)



LS: crm, sli gry, mcr-fxn, sli fos, Sh: lt gry-gry

LS: crm-gry, mcrxn, sli fxn, sli fos, sli chalk

LS: AA

AA

AA

LS: crm, sli tan-gry, mcrxn, some fxn, sli fox, sli chalk, Sh: gry

LS: crm, sli tan-gry, mcrxn, sli chalk

AA

AA Sh: gry-lt gry

LS: crm-tan, mcr-fxn, sli fos

AA

LS: gry-crm, mcrxn, sli chert, sli chalk, Sh: gry-lt gry

LS: gry-crm, mcrxn, sli fxn, sli chert, Sh: lt gry-gry

LS: crm, mcrxn-fxn, sli fos, few ool, sli chalk, Sh: gry-lt gry, sli drk gry

LS: crm-gry, mcr-fxn, sli fos, Sh: gry-lt gry-drk gry

AA

LS: crm-gry, mcrxn, sli fxn, sli fos, Sh: gry-drk gry

LS: gry, sli crm, mcrxn, sli fos, calc, pyrite

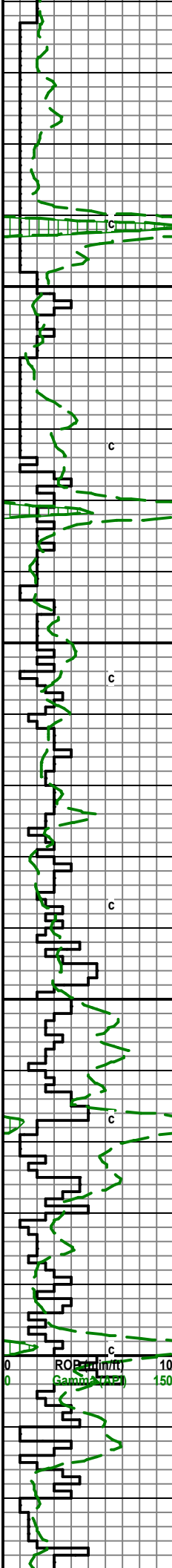
LS: crm, sli gry, mcrxn, sli fos

LS: gry-crm, mcrxn, sli fos

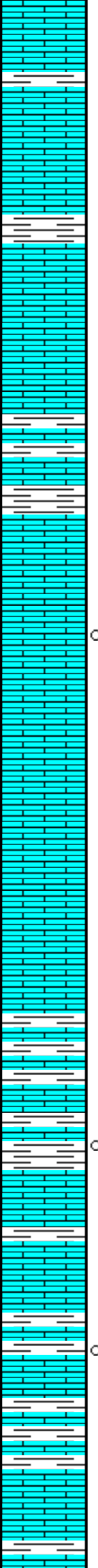
AA

AA

Mudco Mud Chk
 Wt: 8.9 Vis: 45
 pH: 11.0 Fil: 5.4
 LCM: 2



4250
4300
4350
4400 MD



LS: crm-gry, sli tan, mcr-foxln, sli fos, few ool

AA

LS: crm-tan, mcrxln, Sh: gry-lt gry

LS: crm-tan, mcrxln, sli fos, sli ool

LS: gry-crm, mcrxln, sli fos, Sh: gry-drk gry

LS: crm-gry, sli tan, mcrxln

LS: gry-crm, sli tan, mcrxln, some foxln, sli fos, some sli ool, sli chalk, Sh: gry-drk gry

LS: gry-crm, mcrxln, some foxln, sli fos, sli chalk, sli ool

LS: AA

LS: gry-crm, sli tan, mcrxln, some foxln, sli ool, sli fos, few pieces ques stain, pos dead oil stain, no odor, no SFO

LS: crm-gry, mcrxln, sli fos

LS: crm-gry, sli tan/brwn, mcrxln

LS: crm, sli gry, mcrxln

LS: crm-gry, mcrxln

LS: crm-gry, mcrxln, some foxln, sli chalk, sli fos, Sh: gry-drk gry-lt gry

LS: crm, sli gry-tan, mcrxln some foxln, sli fos, sli chalk, some Sh: gry-lt gry

LS: crm, sli gry-tan, mcrxln, some foxln, sli fos, sli chalk, ques stain on few, no odor, ques show, pr vis por, Sh: gry

LS: crm-tan, mcrxln, sli foxln, sli fos, sli chalk, Sh: gry-lt gry

LS: crm-tan/brwn, sli gry, mcrxln, some foxln, Sh: gry-drk gry

LS: crm-gry, sli tan, mcrxln, some foxln, pos sli stain, pos dead stain, ques-no show, no odor, Sh: gry-drk gry-lt gry

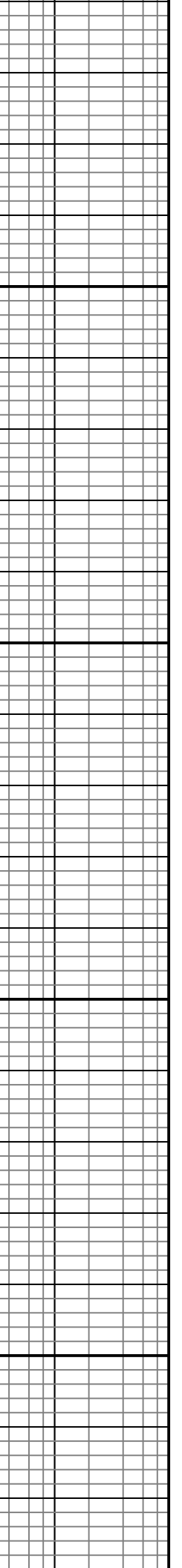
LS: crm, sli gry, mcrxln, sli chalk, Sh: AA

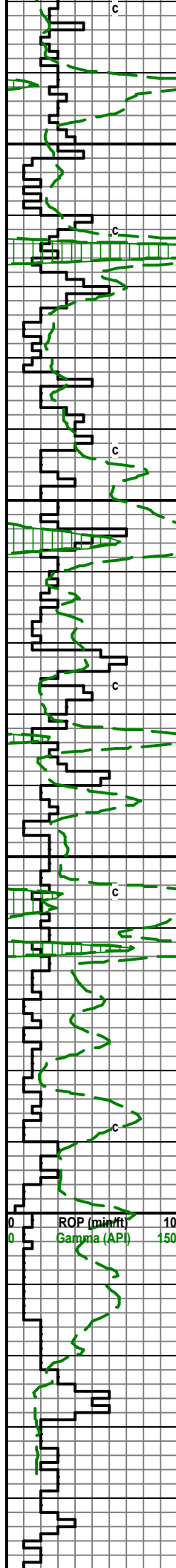
AA

Sh: arv-lt arv-drk some red/green. LS: crm-tan. sli arv. mcrxln

Stark: 4240 (-1896)

BKC: 4356 (-2012)





LS: crm, sli gry, mcrxln,

LS: crm, mcrxln, sli chalk, Sh: gry-drk gry

LS: gry-crm, mcrxln, some fxdn, sli fos, sli chert, Sh: gry-lt gry-drk

LS: crm-gry, sli tan, mcrxln, sli chert, Sh: gry-lt gry

Sh: blk-gry-lt gry, some LS: crm-tan, sli gry, mcrxln, sli ool

LS: AA, Sh: gry-lt gry

LS: crm, sli tan, mcrxln, Sh: gry-drk gry-blck

LS: crm-gry, mcrxln, sli fxdn, some Sh: lt gry-gry, some grn

Sh: gry, grn, rd/brwn, LS: crm, sli tan, mcr-fxdn, one gran, sli fos

sample mostly Sh: AA

Sh: AA with LS gry-crm, mcrxln

Sh: AA with LS: crm-gry, mcr-fxdn, sli fos

LS: gry-crm, mcr-fxdn, sli fos, sli chert, Sh: lt gry-gry, some red/grn

LS: gry-crm, sli tan, sli fos, sli chert

LS: crm-gry, sli tan, mcrxln, sli dolo, cherty, pos dead oil stain, no odor, no show

LS: AA with some Dolo: tan-crm, fxdn, sli stain, sli-fr SFO, some Chert dead oil stain, no odor

LS: crm-gry, Dolo: gry-tan-crm, fxdn, few sli stain, some pieces gd SFO on break, pos dead oil, no odor

Dolo: gry-crm, fxdn, sli mxdn, ang/blocky, sli vis stain, fr SFO, gd SFO on break, fr-pr vis por, sli cherty

Dolo: gry-crm, fxdn, sli mxdn, ang, blocky, gd sat stain, gd SFO dark droplets, pos sli odor, fr-pr vis por, few ques dead stain,

Sample mostly Sh, some Dolo: gry-crm, fxdns, sli stain, pos dead stain, some chert,

Sample mostly Sh. Dolo: crm-tan, sli gry, mcrxln

Dolo: crm-gry, sli tan, mcrxln, sli chalk, sli odor, no SFO

Cherokee Shale: 4534 (-2190)

DST #1 4555-4595
 30-60-45-90
 IF: Surface built to 10"
 IS: Surface built 1/2" died in 28 min
 FF: BOB in 20 min, built to 20"
 FS: surface built to 1"
 Rec: 410' GIP
 63' GO
 94' GOCM (5% G, 45% O, 50% M)
 63' GOCM (20% G, 10% O, 70% M)
 IFP: 28-72 ISIP: 1238
 FFP: 78-98 FSIP: 1207

Miss: 4578 (-2234)

CFS 60min

CFS 60 min

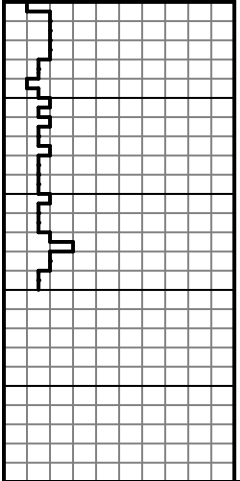
Mudco mud chk
 Wt: 9.2 Vis: 55
 pH: 11.0 Fil: 5.8
 LCM: 2#

CFS 60 min

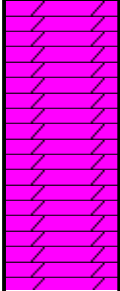
CFS 60 min

DST #2 4595-4605
 30-60-10-0
 IF: 1/4" built to 1/2"
 FF: no blow, flush, no blow
 Rec: 5' OCM (5% O, 95% M)
 IFP: 23-23 ISIP: 33
 FFP: 22-24 FSIP: N/A

DST #3 4595-4615
 30-60-30-60
 IF: 1/4" built to 1/2"
 FF: no blow, flush, no blow
 Rec: 5' M
 IFP: 25-25 ISIP: 44
 FFP: 23-29 FSIP: 40



46
00



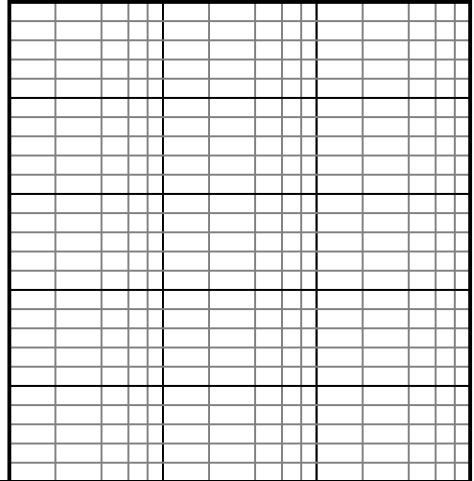
Dolo: crm-gry, mcr-fxn, sli chalk, sli chert, sli odor, pos dead stain, pos stain, vss live oil, some dead oil

Dolo: gry-crm, sli tan, mcrxn-fxn, chalky, sli odor, no show, pos dead oil stain

AA. influx of Sh: gry-drk gry, rd/gm

RTD 4680

LTD 4672



QUALITY WELL SERVICE, INC.

8116

Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-786-6992

Fax 620-672-3663

Todd's Cell 620-388-4967

Brady's Cell 620-727-6964

Date	10-7-22	Sec.	13	Twp.	23S	Range	24W	County	Hodgeman	State	Ks	On Location		Finish	
Lease	Abezeombir Well No. #1			Location JEFFERSON, KS S to L Rd W to 217 th Rd											
Contractor	Pickzell Drilling RIG #10			Owner IS E into To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.											
Type Job	5 1/2 LS			Charge To WHITE Exploration INC											
Hole Size	7 7/8			T.D.	4671			Street							
Csg.	5 1/2			Depth	4670			City							
Tbg. Size				Depth				State							
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.				Shoe Joint	21.11			Cement Amount Ordered 200 ^{sq} Proc 2-1/2 ^{gal} 10% SAH							
Meas Line				Displace	113.46			S 1/2 ^{sq} KOBAL 17% C16A 25% C4IP 25% PS							
EQUIPMENT															
Pumptrk	8	No.		Common 200											
Bulktrk	10	No.		Poz. Mix											
Bulktrk		No.		Gel. 376"											
Pickup		No.		Calcium											
JOB SERVICES & REMARKS															
Rat Hole	30 ^{sq}			Hulls											
Mouse Hole				Salt 1101"											
Centralizers	2-3-4-6-8-74			Flowseal 50"											
Baskets	1-75			Kol-Seal 1000"											
D/V or Port Collar	TOP OFF 75 ^{sq} BATER 76 ^{sq} = 1543'			Mud CLR 48 500 GAL											
Run 11 ^{sq} H's	5 1/2 ^{sq} CSG SET			CFL-117 or GD110 CAFE-38 C16A 132"											
START CSG	CSG on Bottom TAG			Sand CC-19 CAL C4IP 47"											
Hookup to CSG	BREATHE CIRC W/2IG			Handling 249											
START PUMPING	10 BBL H ₂ O 12 BBL MF 10 BBL H ₂ O			Mileage 70 / 15000											
PLUG H	30 ^{sq}			5 1/2 FLOAT EQUIPMENT											
START MIX	Pump 170 ^{sq} Proc 2 1/4 ^{gal} 10% CAL			Guide Shoe 1 EA											
SHUT DOWN	WASH UP TANK & RELEASE 5 1/2 L ^{sq} PLUG			Centralizer 6 EA											
START DISP	W/2 ^{sq} KLL			Baskets 2 EA											
LEFT PSI	97 BBL out 550'			AF-117 1 EA Port Collar											
PLUG DOWN	1100' 119 BBL out			Float Shoe 1 EA											
PSI up	CSG 1700'			Latch Down 1 EA											
RELEASE & HOLD	1/2 BBL BACK			SERVICE Sep 1 EA											
GOOD CIRC	THRU JOB			LW TO											
THANK YOU				Pumptrk Charge LS											
PLEASE CALL AGAIN				Mileage 140											
1000 MIKE BEAR															
Signature	Mike Bear														
												Tax			
												Discount			
												Total Charge			

QUALITY WELL SERVICE, INC.

8109

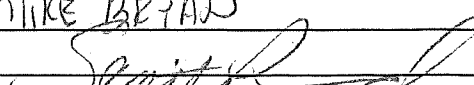
Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-786-6992
Fax 620-672-3663

Todd's Cell 620-388-4967
Brady's Cell 620-727-6964

Date	9-29-22	Sec.	13	Twp.	23S	Range	24W	County	HODGEMAN	State	KS	On Location		Finish	
Lease	Abercrombie Unit			Well No.	1		Location			JEFFERSON, KS 1 S 1 W 1 S					
Contractor	PICKZELL DELG RIG #10						Owner			To Quality Well Service, Inc.					
Type Job	SURFACE						You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	12 1/4		T.D.		305'		Charge To			WHITE EXPLORATIONS INC					
Csg.	85/8 23"		Depth		304'		Street								
Tbg. Size			Depth				City			State					
Tool			Depth				The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.			Shoe Joint		20'		Cement Amount Ordered			225 cc Common					
Meas Line			Displace		13.18		2 1/2 GAL 3 1/2 CL 1/2" PS USED 175 cc								
EQUIPMENT															
Pumptrk	3	No.					Common			175 cc					
Bulktrk	7	No.					Poz. Mix								
Bulktrk		No.					Gel.			329#					
Pickup		No.					Calcium			494#					
JOB SERVICES & REMARKS															
Rat Hole							Hulls								
Mouse Hole							Salt								
Centralizers							Flowseal			83#					
Baskets							Kol-Seal								
D/V or Port Collar							Mud CLR 48								
Run 7 #1's	85/8 23" CSG SET		304'				CFL-117 or CD110 CAF 38								
START CG	CSG on Bottom						Sand								
Hook up to CSG	Break Circ w/ 216						Handling			190					
START Pumping H2O							Mileage			70 / 13300					
START MK	Pump 175 cc Common						FLOAT EQUIPMENT								
2 1/2 GAL 3 1/2 CL 1/2" PS	14.8# / GAL						Guide Shoe								
START DISO							Centralizer								
Flg Down	13.18 bbls						Baskets								
CLOSE Valve on CSG	150#						AFU Inserts								
GOOD Circ thru JOB							Float Shoe								
Circ CUT TO PIT							Latch Down								
							SERVICE SWD			1 EA					
							LMV			70					
							Pumptrk Charge			SURFACE					
							Mileage			140					
							Tax								
							Discount								
							Total Charge								
X Signature															



DRILL STEM TEST REPORT

Prepared For: **White Exploration**

PO Box 780425
Wichita, KS 67278

ATTN: Andy White

Abercrombie Unit #1

13-23s-24w Hodgeman,KS

Start Date: 2022.10.04 @ 14:24:10

End Date: 2022.10.04 @ 23:31:10

Job Ticket #: 69144 DST #: 1

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

Printed: 2022.10.07 @ 14:09:40



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

White Exploration

13-23s-24w Hodgeman,KS

PO Box 780425
Wichita, KS 67278

Abercrombie Unit #1

ATTN: Andy White

Job Ticket: 69144

DST#: 1

Test Start: 2022.10.04 @ 14:24:10

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:54:10

Time Test Ended: 23:31:10

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 4555.00 ft (KB) To 4595.00 ft (KB) (TVD)

Reference Elevations: 2344.00 ft (KB)

Total Depth: 4595.00 ft (KB) (TVD)

2337.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8674 Outside

Press@RunDepth: 98.01 psig @ 4560.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.04

End Date:

2022.10.04

Last Calib.: 2022.10.04

Start Time: 14:24:15

End Time:

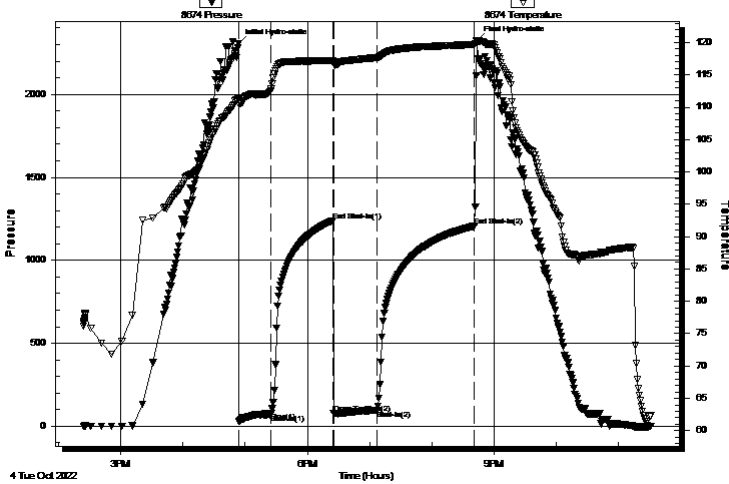
23:31:10

Time On Btm: 2022.10.04 @ 16:53:40

Time Off Btm: 2022.10.04 @ 20:44:10

TEST COMMENT: IF: 1/2" blow built to 10."
IS: Surface blow built to 1/2" died in 28 mins.
FF: BOB in 20 mins. 20"
FS: Surface blow built to 1". 30-60-45-90

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2306.72	111.31	Initial Hydro-static
1	28.03	110.44	Open To Flow (1)
31	72.70	112.61	Shut-In(1)
91	1238.15	117.23	End Shut-In(1)
92	78.24	116.73	Open To Flow (2)
134	98.01	117.68	Shut-In(2)
228	1207.28	119.69	End Shut-In(2)
231	2325.34	120.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	gocm 20%g 10%o 70%m	0.31
94.00	gocm 5%g 45%o 50%m	0.77
63.00	go 30%g 70%o	0.88
0.00	410 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Exploration

13-23s-24w Hodgeman,KS

PO Box 780425
Wichita, KS 67278

Abercrombie Unit #1

Job Ticket: 69144

DST#: 1

ATTN: Andy White

Test Start: 2022.10.04 @ 14:24:10

Tool Information

Drill Pipe:	Length: 4433.00 ft	Diameter: 3.80 inches	Volume: 62.18 bbl	Tool Weight: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 62.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4555.00 ft			Final 76000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	4531.00	
Shut In Tool	5.00			4536.00	
Hydraulic tool	5.00			4541.00	
Jars	5.00			4546.00	
EM Tool	2.00			4548.00	
Safety Joint	2.00			4550.00	
Packer	5.00			4555.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			4559.00	
Stubb	1.00			4560.00	
Recorder	0.00	8790	Inside	4560.00	
Recorder	0.00	8674	Outside	4560.00	
Perforations	2.00			4562.00	
Change Over Sub	1.00			4563.00	
Drill Pipe	32.00			4595.00	
Change Over Sub	1.00			4596.00	
Bullnose	3.00			4599.00	44.00 Anchor Tool
Total Tool Length:	69.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration

13-23s-24w Hodgeman,KS

PO Box 780425
Wichita, KS 67278

Abercrombie Unit #1

Job Ticket: 69144

DST#: 1

ATTN: Andy White

Test Start: 2022.10.04 @ 14:24:10

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
63.00	gocm 20%g 10%o 70%m	0.310
94.00	gocm 5%g 45%o 50%m	0.772
63.00	go 30%g 70%o	0.884
0.00	410 GIP	0.000

Total Length: 220.00 ft

Total Volume: 1.966 bbl

Num Fluid Samples: 0

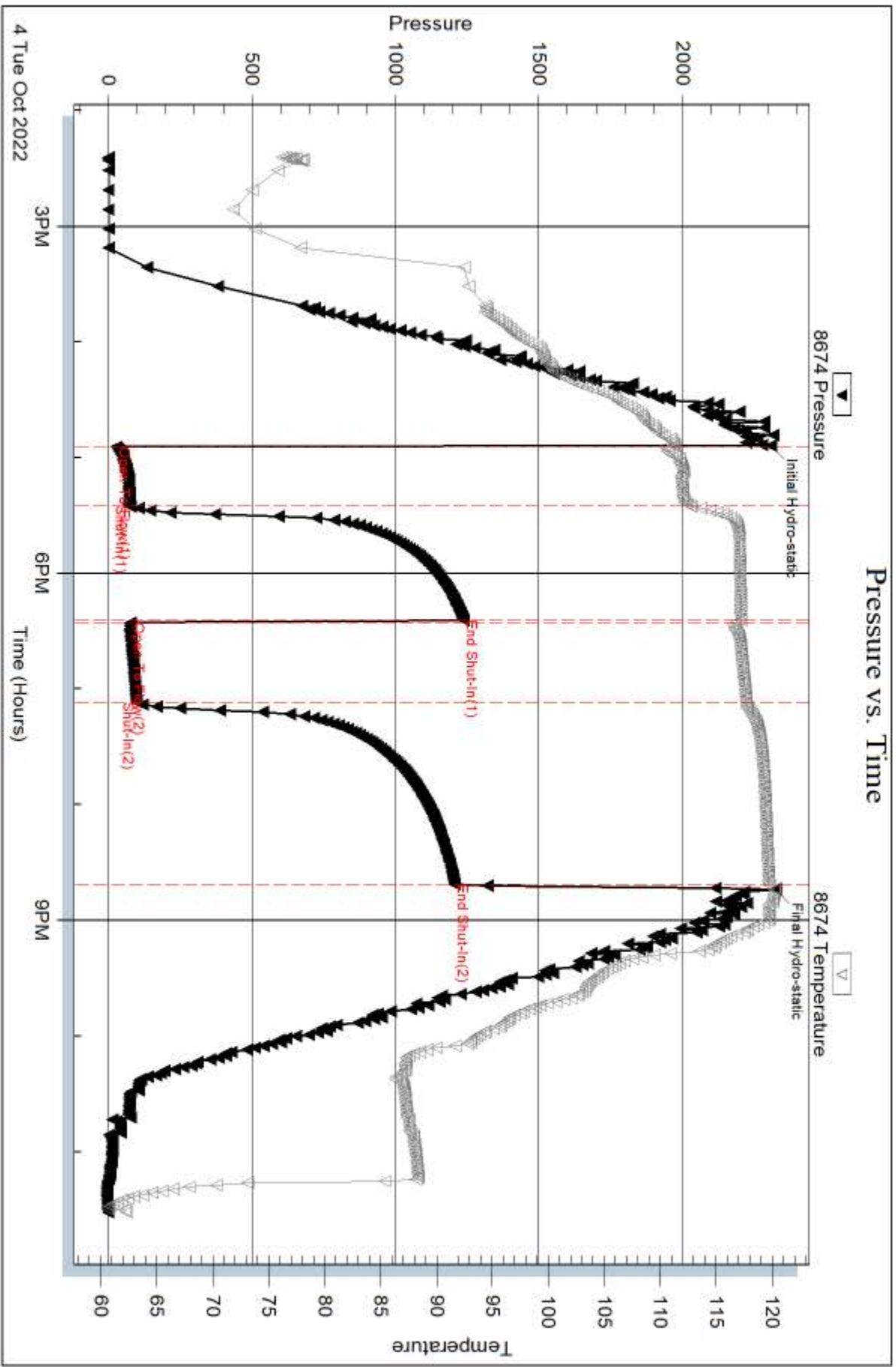
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 38@70=37



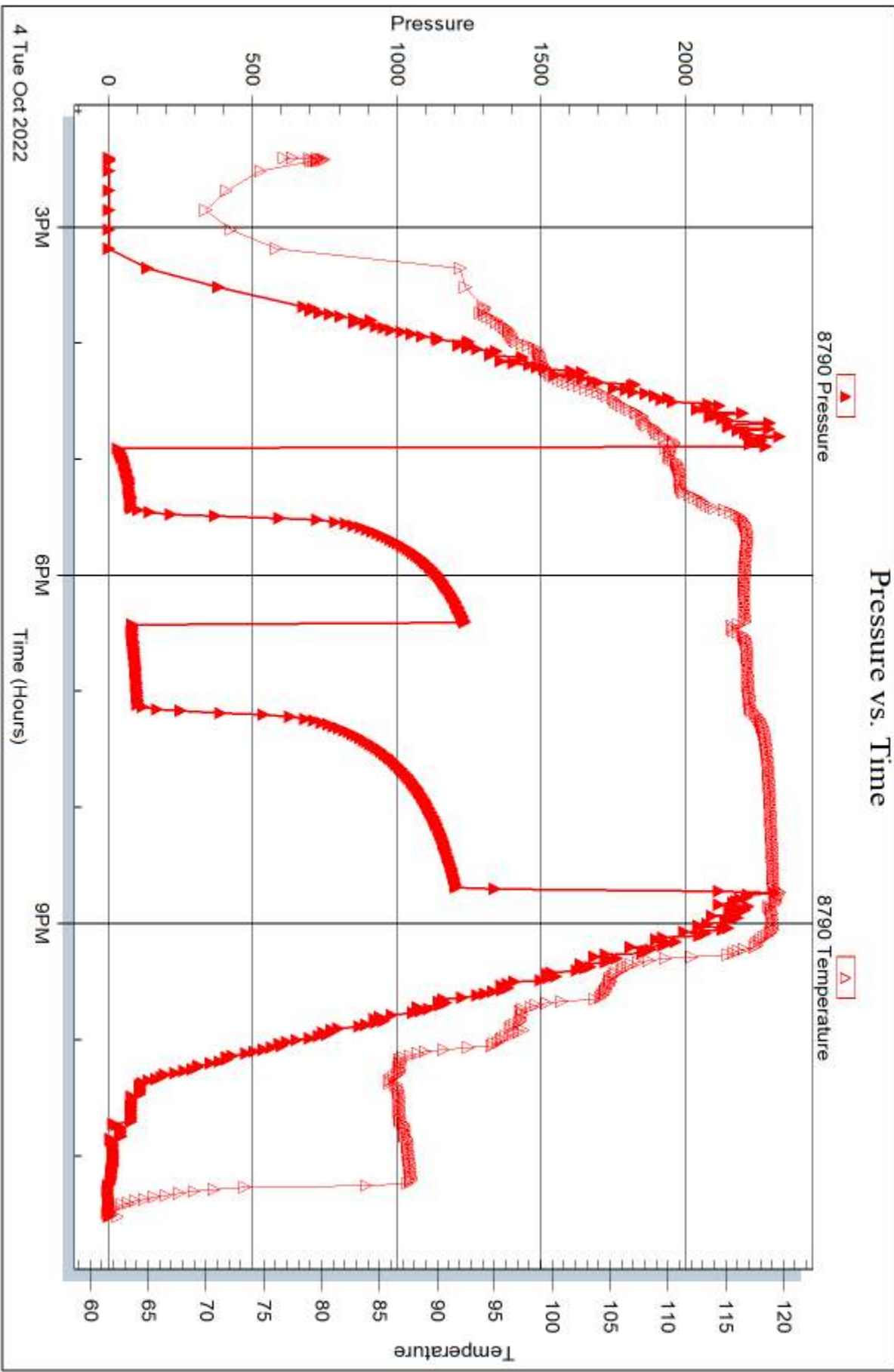
Serial #: 8790

Inside

White Exploration

Abercrombie Unit #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **White Exploration**

PO Box 780425
Wichita, KS 67278

ATTN: Andy White

Abercrombie Unit #1

13-23s-24w Hodgeman,KS

Start Date: 2022.10.05 @ 08:36:24

End Date: 2022.10.05 @ 15:03:24

Job Ticket #: 69145 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.10.07 @ 14:06:39



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

White Exploration

13-23s-24w Hodgeman,KS

PO Box 780425
Wichita, KS 67278

Abercrombie Unit #1

ATTN: Andy White

Job Ticket: 69145

DST#: 2

Test Start: 2022.10.05 @ 08:36:24

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:11:54

Time Test Ended: 15:03:24

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4595.00 ft (KB) To 4605.00 ft (KB) (TVD)

Reference Elevations: 2344.00 ft (KB)

Total Depth: 4605.00 ft (KB) (TVD)

2337.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8674 Outside

Press@RunDepth: 23.60 psig @ 4600.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.05

End Date:

2022.10.05

Last Calib.:

2022.10.05

Start Time:

08:36:29

End Time:

15:03:23

Time On Btm:

2022.10.05 @ 11:10:24

Time Off Btm:

2022.10.05 @ 12:50:54

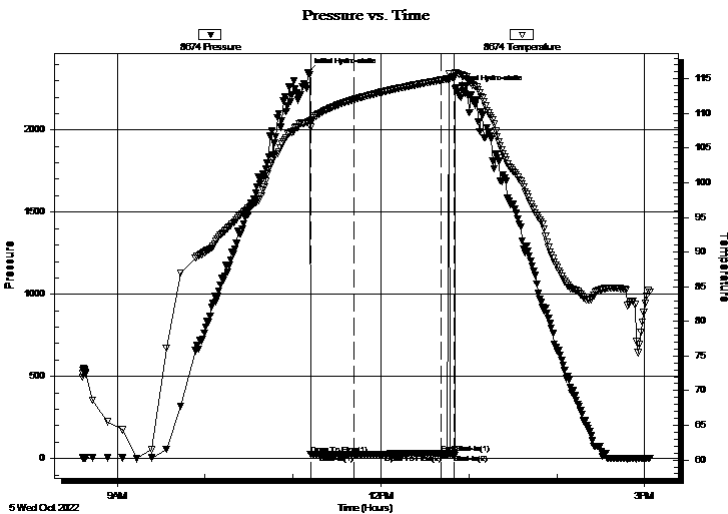
TEST COMMENT: IF: 1/4" blow built to 1/2."

IS: No return.

FF: No blow. Flushed tool no blow.

FS: Pulled tool. 30-60-10-Pull

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2350.70	108.81	Initial Hydro-static
2	23.36	108.05	Open To Flow (1)
32	23.60	112.04	Shut-In(1)
91	33.02	114.82	End Shut-In(1)
91	22.88	114.84	Open To Flow (2)
100	24.90	115.28	Shut-In(2)
101	2248.83	115.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	ocm 5%o 95%m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Exploration

13-23s-24w Hodgeman,KS

PO Box 780425
Wichita, KS 67278

Abercrombie Unit #1

Job Ticket: 69145

DST#: 2

ATTN: Andy White

Test Start: 2022.10.05 @ 08:36:24

Tool Information

Drill Pipe:	Length: 4470.00 ft	Diameter: 3.80 inches	Volume: 62.70 bbl	Tool Weight: 20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 63.30 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4595.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	39.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00		Fluid	4571.00	
Shut In Tool	5.00			4576.00	
Hydraulic tool	5.00			4581.00	
Jars	5.00			4586.00	
EM Tool	2.00			4588.00	
Safety Joint	2.00			4590.00	
Packer	5.00			4595.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			4599.00	
Stubb	1.00			4600.00	
Recorder	0.00	8790	Inside	4600.00	
Recorder	0.00	8674	Outside	4600.00	
Perforations	6.00			4606.00	
Bullnose	3.00			4609.00	14.00 Anchor Tool

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration

13-23s-24w Hodgeman,KS

PO Box 780425
Wichita, KS 67278

Abercrombie Unit #1

Job Ticket: 69145

DST#: 2

ATTN: Andy White

Test Start: 2022.10.05 @ 08:36:24

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	ocm 5%o 95%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

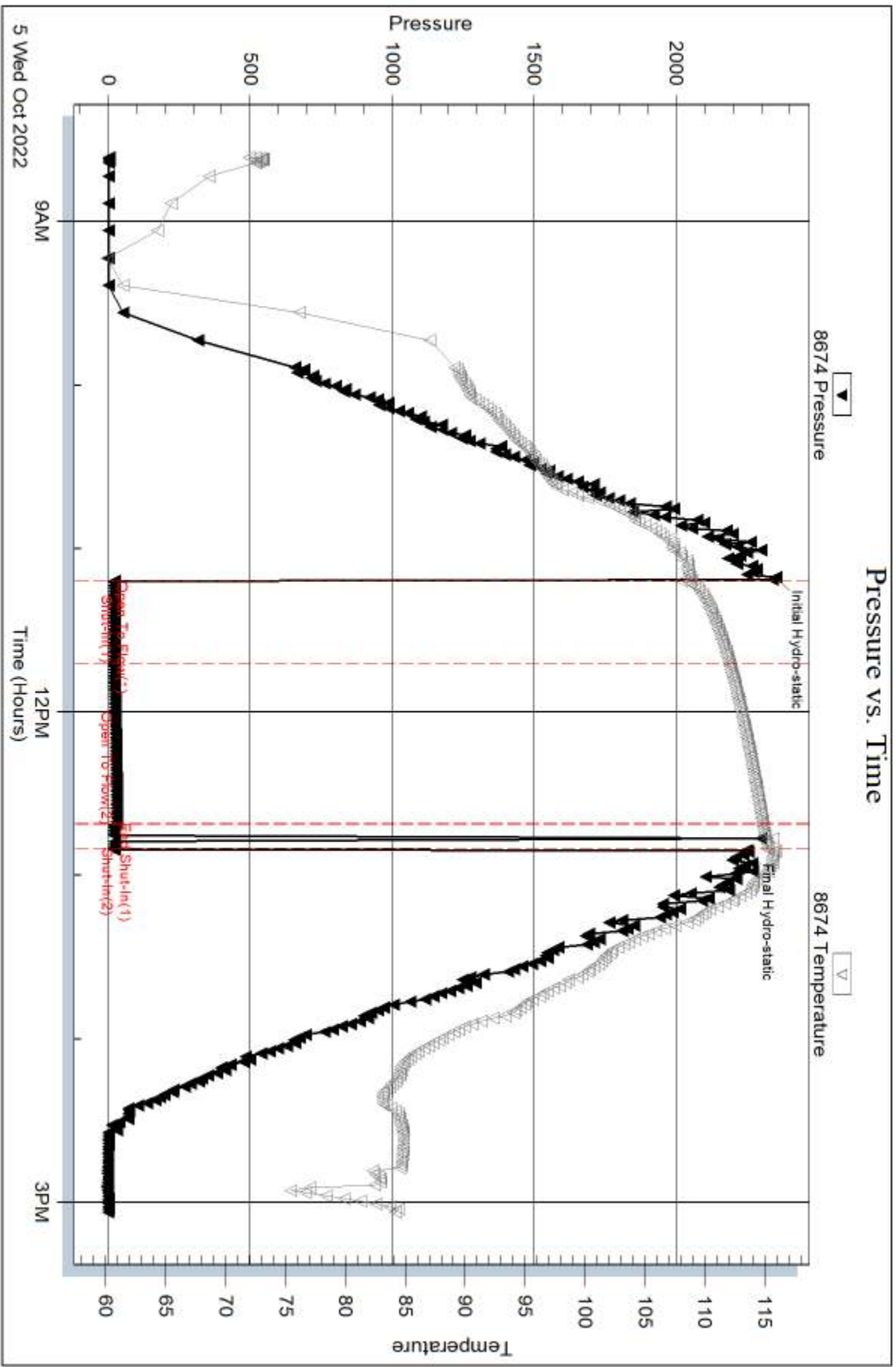
Recovery Comments:

Serial #: 8674

Outside White Exploration

Abercrombie Unit #1

DST Test Number: 2



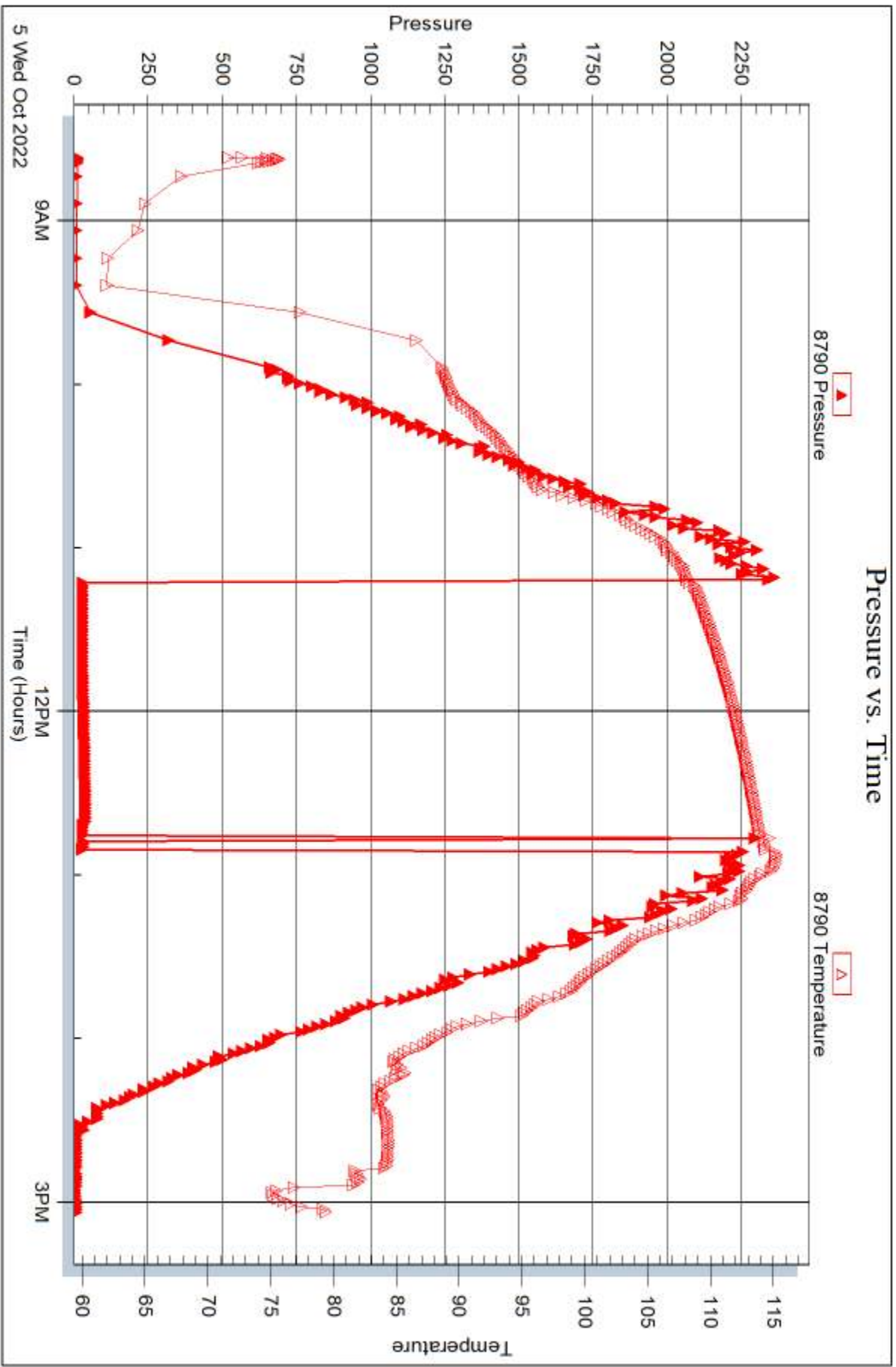
Serial #: 8790

Inside

White Exploration

Abercrombie Unit #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 69145

Printed: 2022.10.07 @ 14:08:04



DRILL STEM TEST REPORT

Prepared For: **White Exploration**

PO Box 780425
Wichita, KS 67278

ATTN: Andy White

Abercrombie Unit #1

13-23s-24w Hodgeman,KS

Start Date: 2022.10.06 @ 01:00:20

End Date: 2022.10.06 @ 10:09:50

Job Ticket #: 69146 DST #: 3

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

Printed: 2022.10.07 @ 13:49:26



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

White Exploration

13-23s-24w Hodgeman,KS

PO Box 780425
Wichita, KS 67278

Abercrombie Unit #1

ATTN: Andy White

Job Ticket: 69146

DST#: 3

Test Start: 2022.10.06 @ 01:00:20

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:51:50

Time Test Ended: 10:09:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4595.00 ft (KB) To 4615.00 ft (KB) (TVD)

Reference Elevations: 2344.00 ft (KB)

Total Depth: 4615.00 ft (KB) (TVD)

2337.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8674 Outside

Press@RunDepth: 29.60 psig @ 4600.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.10.06 End Date: 2022.10.06

Last Calib.: 2022.10.06

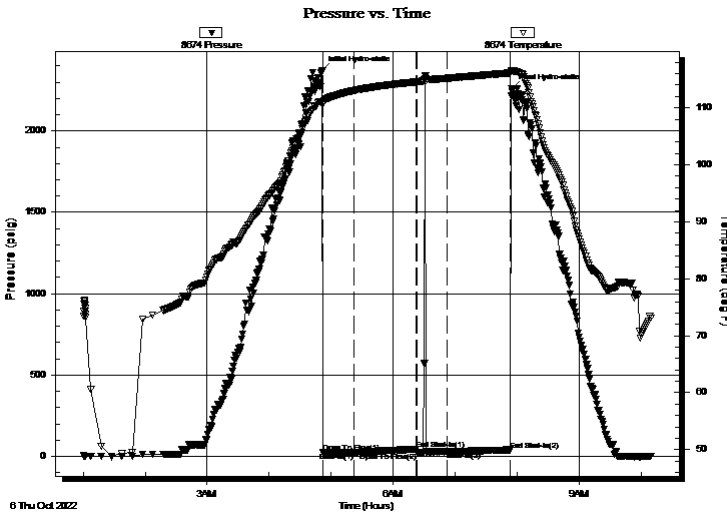
Start Time: 01:00:25 End Time: 10:09:50

Time On Btm: 2022.10.06 @ 04:51:20

Time Off Btm: 2022.10.06 @ 07:54:50

TEST COMMENT: IF: 1/4" blow built to 1/2."
IS: No return.
FF: No blow. Flushed tool. No blow.
FS: No return. 30-60-30-60

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2371.87	111.03	Initial Hydro-static
1	25.09	110.53	Open To Flow (1)
31	25.46	113.04	Shut-In(1)
91	44.10	114.56	End Shut-In(1)
92	23.35	114.57	Open To Flow (2)
121	29.60	115.18	Shut-In(2)
182	40.06	116.13	End Shut-In(2)
184	2260.95	116.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Exploration

13-23s-24w Hodgeman,KS

PO Box 780425
Wichita, KS 67278

Abercrombie Unit #1

Job Ticket: 69146

DST#: 3

ATTN: Andy White

Test Start: 2022.10.06 @ 01:00:20

Tool Information

Drill Pipe:	Length: 4469.00 ft	Diameter: 3.80 inches	Volume: 62.69 bbl	Tool Weight:	20000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 63.29 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	74000.00 lb
Depth to Top Packer:	4595.00 ft			Final	74000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	49.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Stubb	1.00		Fluid	4571.00	
Shut In Tool	5.00			4576.00	
Hydraulic tool	5.00			4581.00	
Jars	5.00			4586.00	
EM Tool	2.00			4588.00	
Safety Joint	2.00			4590.00	
Packer	5.00			4595.00	25.00 Bottom Of Top Packer
Packer - Shale	4.00			4599.00	
Stubb	1.00			4600.00	
Recorder	0.00	8790	Inside	4600.00	
Recorder	0.00	8674	Outside	4600.00	
Perforations	16.00			4616.00	
Bullnose	3.00			4619.00	24.00 Anchor Tool

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

White Exploration

13-23s-24w Hodgeman,KS

PO Box 780425
Wichita, KS 67278

Abercrombie Unit #1

Job Ticket: 69146

DST#: 3

ATTN: Andy White

Test Start: 2022.10.06 @ 01:00:20

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

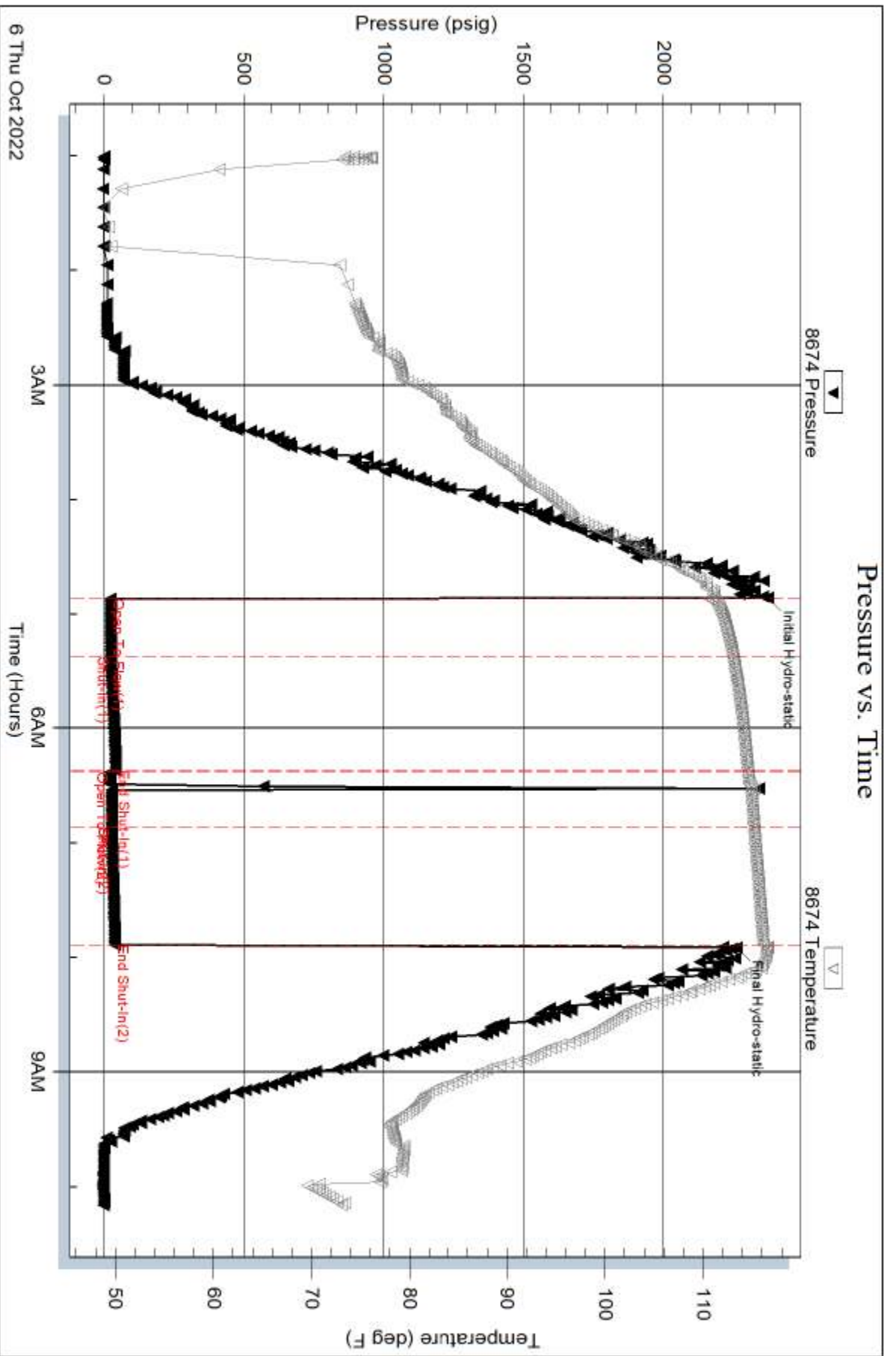
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



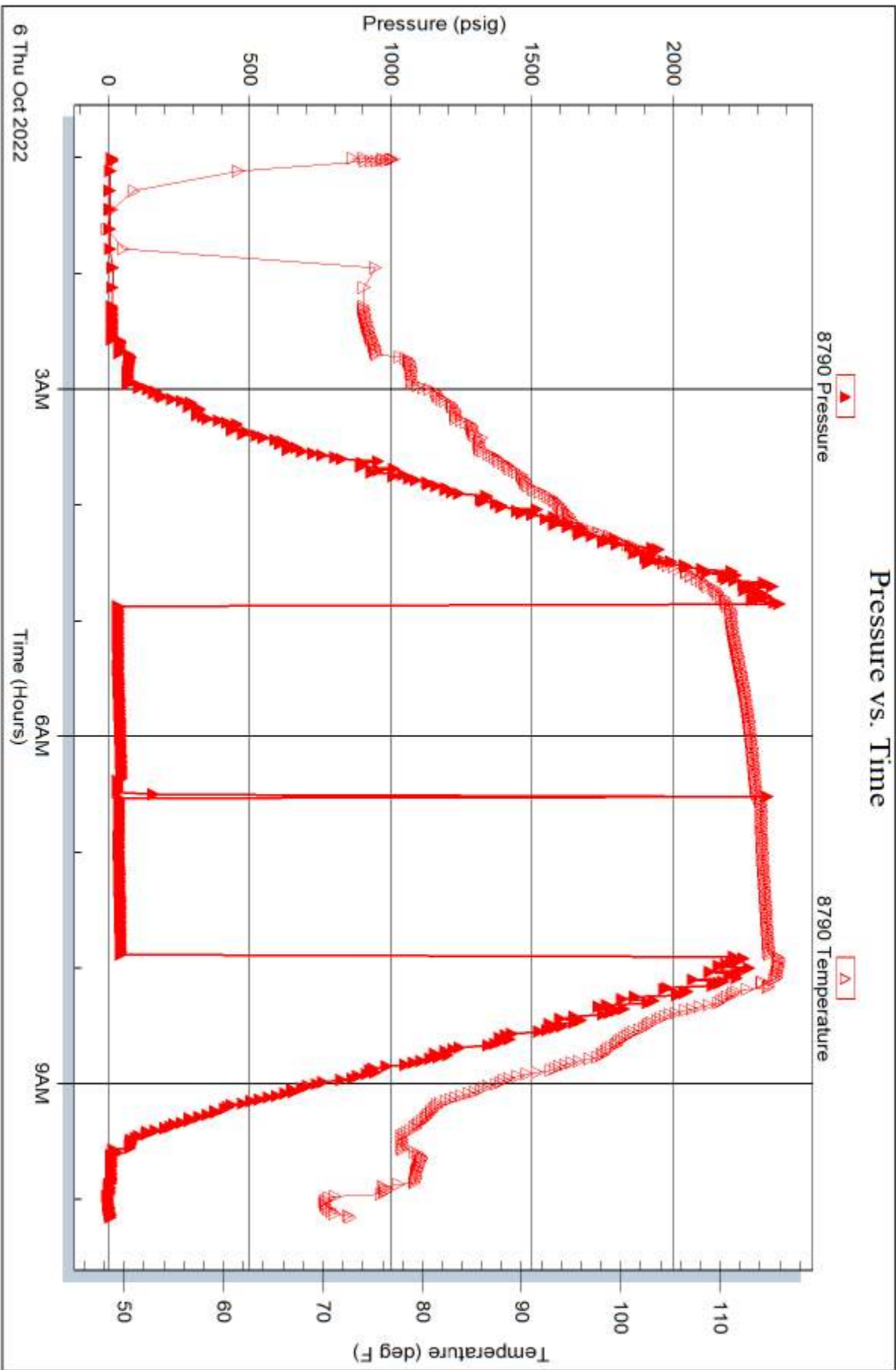
Serial #: 8790

Inside

White Exploration

Abercrombie Unit #1

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 69144

Well Name & No. Abercrombie unit #1 Test No. 1 Date 10-4-22
 Company White Exploration Elevation 2344 KB 2337 GL
 Address P.O. Box 780425 Wichita, KS 67278
 Co. Rep / Geo. Andy White Rig Pickrell #10
 Location: Sec. 13 Twp 23 Rge. 24 Co. Hodgeman State KS

Interval Tested 4555 4595 Zone Tested MISS
 Anchor Length 40 Drill Pipe Run 4433 Mud Wt. 9.2
 Top Packer Depth 4550 Drill Collars Run 123 Vls 55
 Bottom Packer Depth 4555 Wt. Pipe Run — WL 5.8
 Total Depth 4595 Chlorides 3700 ppm System LCM 2

Blow Description IF: 1/2 blow built to 10,
IS: Surface blow built to 1/2. died in 28 mins.
FF: BoB in 20 mins. 20"
FS: Surface blow built to 1"

Rec	Feet of		%gas	%oil	%water	%mud
<u>63</u>	<u>90</u>	<u>30</u>	<u>70</u>			
<u>94</u>	<u>90cm</u>	<u>5</u>	<u>45</u>		<u>50</u>	
<u>63</u>	<u>90cm</u>	<u>20</u>	<u>10</u>		<u>70</u>	
	<u>410 GIP</u>					

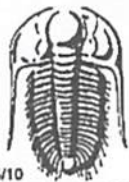
Rec Total 220 BHT 119 Gravity 37 API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2306 Test 1950 T-On Location 11:30
 (B) First Initial Flow 28 Jars 300 T-Started 14:24
 (C) First Final Flow 72 Safety Joint T-Open 16:53
 (D) Initial Shut-In 1238 Circ Sub NIL T-Pulled 20:38
 (E) Second Initial Flow 78 Hourly Standby .5h 50 T-Out 23:31
 (F) Second Final Flow 98 Mileage 182 - 170rt 255 Comments _____
 (G) Final Shut-In 1207 Sampler _____
 (H) Final Hydrostatic 2325 Straddle _____

Shale Packer 250 EM Tool _____
 Extra Packer _____ Ruined Shale Packer _____
 Extra Recorder _____ Ruined Packer _____
 Day Standby _____ Extra Copies _____
 Accessibility _____ Sub Total 0
 Sub Total 2805 Total 2805 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. 69145

Well Name & No. Abercrombie Unit #1 Test No. 2 Date 10-5-22
 Company White Exploration Elevation 2344 KB 2337 GL
 Address _____
 Co. Rep / Geo. Andy White Rig Pickrell #10
 Location: Sec. 13 Twp 23 Rge. 24 Co. Hodgeman State KS

Interval Tested 4595 4605 Zone Tested M:55
 Anchor Length _____ 10 Drill Pipe Run _____ Mud Wt. 9.2
 Top Packer Depth _____ 4590 Drill Collars Run 123 Vis 55
 Bottom Packer Depth _____ 4595 Wt. Pipe Run _____ WL 5.8
 Total Depth _____ 4605 Chlorides 3700 ppm System LCM 2

Blow Description FF: 1/4 blow built to 1/2.
IS: No Return.
FF: NO blow. Flushed tool. No blow.
FS: Pulled tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>0cm</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	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 115 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2350</u>	<input checked="" type="checkbox"/> Test 1950	T-On Location <u>7:00</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>8:36</u>
(C) First Final Flow <u>23</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>11:11</u>
(D) Initial Shut-In <u>33</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>12:51</u>
(E) Second Initial Flow <u>22</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>15:05</u>
(F) Second Final Flow <u>24</u>	<input checked="" type="checkbox"/> Mileage <u>182</u> 255	Comments _____
(G) Final Shut-In _____	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2248</u>	<input type="checkbox"/> Straddle	
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer 250	<input checked="" type="checkbox"/> EM Tool -350
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Shale Packer
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Ruined Packer
Final Shut-In _____ <u>Pull</u>	<input type="checkbox"/> Day Standby	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Accessibility	Sub Total -350
	Sub Total 2755	Total 2405
		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. 69146

Well Name & No. Abercrombie #1 Test No. 3 Date 10-5-22
 Company White Exploration Elevation 2344 KB 2337 GL
 Address _____
 Co. Rep / Geo. Andy White Rig Pickrell #10
 Location: Sec. 13 Twp 23 Rge. 24 Co. Hodgeman State KS

Interval Tested 4595 4615 Zone Tested M:55
 Anchor Length 20 Drill Pipe Run 4469 Mud Wt. 9.2
 Top Packer Depth 4590 Drill Collars Run 123 Vis 57
 Bottom Packer Depth 4595 Wt. Pipe Run _____ WL 6.8
 Total Depth 4615 Chlorides 3500 ppm System LCM 2

Blow Description IF: 1/4 blow built to 1/2.
IS: No return,
FF: No blow, flushed tool No blow,
FS: No return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 116 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2371</u>	<input checked="" type="checkbox"/> Test 1950	T-On Location <u>22:50</u>
(B) First Initial Flow <u>25</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>1:00</u>
(C) First Final Flow <u>25</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>4:51</u>
(D) Initial Shut-In <u>44</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>7:51</u>
(E) Second Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Hourly Standby .5h 50	T-Out <u>10:10</u>
(F) Second Final Flow <u>29</u>	<input checked="" type="checkbox"/> Mileage <u>182</u> - 255	Comments _____
(G) Final Shut-In <u>40</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2260</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer 250	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>2805</u>
	Sub Total <u>2805</u>	MR/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.

QUALITY WELL SERVICE, INC.

8280

Federal Tax I.D. # 481187368

Home Office 30060 N. Hwy 281, Pratt, KS 67124

Mailing Address P.O. Box 468

Office 620-786-6992

Fax 620-672-3663

Todd's Cell 620-388-4967

Brady's Cell 620-727-6964

Date	4-19-23	Sec.	13	Twp.	23S	Range	24W	County	HODGEMAN	State	Ks	On Location		Finish	
Lease	ADEL CROMBIE UNIT			Well No.	1		Location								
Contractor	PICKREL OIL				Owner										
Type Job	PTA				To Quality Well Service, Inc.										
Hole Size	7 7/8				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Csg.	5 1/2				Depth		Charge To								
Tbg. Size					Depth		White Exploration INC								
Tool					Depth		Street				City			State	
Cement Left in Csg.					Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line					Displace		Cement Amount Ordered				325 x 60/40 4' CEL				
EQUIPMENT							By CEL on side 195 x								
Pumptrk	8	No.				Common 117 x									
Bulktrk	7	No.				Poz. Mix 78 x									
Bulktrk		No.				Gel. 1271 lbs									
Pickup		No.				Calcium									
JOB SERVICES & REMARKS							Hulls								
Rat Hole							Salt								
Mouse Hole							Flowseal								
Centralizers							Kol-Seal								
Baskets	CIBD 4530						Mud CLR 48								
D/V or Port Collar	cut off						CFL-117 or CD110 CAF 38								
	1st Plug 1573'						Sand								
	6 x GEL						Handling 200								
	50 x 60/40 4' CEL						Mileage 70 / 8000								
	DISP						FLOAT EQUIPMENT								
	2nd Plug 735'						Guide Shoe								
	50 x 60/40 4' CEL						Centralizer								
	DISP						Baskets								
	3rd Plug 253'						AFU Inserts								
	60 x 60/40 4' CEL						Float Shoe								
	Circ to PIT						Latch Down								
	Roll Csg ; TOP OFF						SERVICE SPN 1 EA								
	30 x 60/40 4' CEL						Pumptrk Charge PTA								
							Mileage 140								
							Tax								
							Discount								
							Total Charge								
X Signature	<p>THANK YOU PLEASE CALL AGAIN TOOD DEER</p> <p><i>[Signature]</i></p>														