KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1076856

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5123
Name: Pickrell Drilling Company, Inc.
Address 1: 100 S MAIN STE 505
Address 2:
City: WICHITA State: KS Zip: 67202 + 3738
Contact Person: Larry J. Richardson
Phone: (316) 262-8427
CONTRACTOR: License # 5123
Name: Pickrell Drilling Company, Inc.
Wellsite Geologist: Ryan Seib
Purchaser: NCRA

Designate Type of Completion:

- [x] New Well
- [ ] Re-Entry
- [ ] Workover

- [x] 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
- [ ] Conv. to GSW
- [ ] Plug Back: Plug Back Total Depth
- [ ] Commingled Permit #:
- [ ] Dual Completion Permit #:
- [ ] SWD Permit #:
- [ ] ENHR Permit #:
- [ ] GSW Permit #:

01/17/2012	01/27/2012	01/27/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25339-00-00
Spot Description: 110' W. of C N/2 N/2 NW
E2 - NE - NW - NW Sec. 31 Twp. 18 S. R. 23 [ ] East [x] West
330 Feet from [x] North / [ ] South Line of Section
1210 Feet from [ ] East / [x] West Line of Section
Footages Calculated from Nearest Outside Section Corner:
[ ] NE [x] NW [ ] SE [ ] SW
County: Ness
Lease Name: Parkerson Trust A Well #: 1
Field Name: Ness City SE
Producing Formation: Mississippian
Elevation: Ground: 2245 Kelly Bushing: 2249
Total Depth: 4261 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 250 Feet
Multiple Stage Cementing Collar Used? [x] Yes [ ] No
If yes, show depth set: 1467 Feet
If Alternate II completion, cement circulated from: 4253
feet depth to: 0 w/ 445 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 7100 ppm Fluid volume: 400 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Pickrell Drilling Co. Inc.
Lease Name: Humburg License #: 5123
Quarter SE Sec. 25 Twp. 19 S. R. 22 [ ] East [x] West
County: Ness Permit #: 15-135-21025-00-00

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

- [ ] **Letter of Confidentiality Received**
  Date:
- [ ] **Confidential Release Date:**
- [x] **Wireline Log Received**
- [x] **Geologist Report Received**
- [ ] **UIC Distribution**

ALT [ ] I [x] II [ ] III **Approved by:** Deanna Garrisor **Date:** 03/23/2012

Side Two

1076856

Operator Name: Pickrell Drilling Company, Inc. Lease Name: Parkerson Trust A Well #: 1

Sec. 31 Twp. 18 S. R. 23 ☐ East ☑ West County: Ness

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Electric Log Submitted Electronically ☑ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

Radiation Guard

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Surface Csg.	12.25	8.625	23	250	Class A	200	2%gel, 3% CC
Production Csg.	7.875	4.50	10.50	4253	A-Con	245	3% CC w/1/4#CF

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:
☐ Perforate
☑ Protect Casing
☐ Plug Back TD
☐ Plug Off Zone

Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
0-1467	A-Con	245	3%CC w/1/4#CF for DV Tool
-			

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

TUBING RECORD: Size: 2.375 Set At: 4256 Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 03/13/2012

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	31		6		38

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☑ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:
4253-4261

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Pickrell Drilling Company, Inc.
Well Name	Parkerson Trust A 1
Doc ID	1076856

Tops

Name	Top	Datum
Heebner	3626	-1377
Lansing	3666	-1417
B/Kansas City	3967	-1718
Marmaton	4012	1763
Pawnee	4079	-1830
Fort Scott	4165	-1916
Cherokee	4188	-1939
Mississippi	4242	-1993
Mississippi Porosity	4250	-2001

ALLIED CEMENTING CO., LLC. 042393

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Great Bend, KS 1-18-12

DATE	SEC	TWP	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
1-17-12	31	18s	23w			6:15 pm	6:45 pm

LEASE Parkerson Trust WELL # A-1 LOCATION Ness City, KS 1/south 1/2 west 1/north into COUNTY Ness STATE KS

OLD OR NEW (Circle one)

CONTRACTOR Pickrell #10
TYPE OF JOB Sur Face
HOLE SIZE 12 1/4 T.D. 255
CASING SIZE 8 5/8 DEPTH 255
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15 ft.
PERFS.
DISPLACEMENT

OWNER Pickrell Drilling

CEMENT

AMOUNT ORDERED 200 sks Class A 3% cc 2% gel

EQUIPMENT

PUMP TRUCK CEMENTER Greg R.
398 HELPER Shane K.
BULK TRUCK
341 DRIVER Jim H.
BULK TRUCK
DRIVER

REMARKS:

Pipe on bottom - Break circ. with rig pump, mix 200 sx Class A 3% cc 2% gel Displace with 15.29 bbl fresh water - Shut in Cement did circulate Plug down @ 6:45 pm Rig down

COMMON	200	@ 16.25	3250.00
POZMIX		@	
GEL	4	@ 21.25	85.00
CHLORIDE	7	@ 58.20	407.40
ASC		@	
HANDLING	211	@ 2.25	474.75
MILEAGE	211 x 3x.11	69.63	344.00
		TOTAL	4561.15

SERVICE

DEPTH OF JOB	255		
PUMP TRUCK CHARGE			1125.00
EXTRA FOOTAGE		@	
MILEAGE	Hvm 6	@ 7.00	42.00
MANIFOLD		@	
	Hvm 6	@ 4.00	24.00
		@	
		TOTAL	1191.00

PLUG & FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	
	TOTAL	

CHARGE TO: Pickrell Drilling
STREET
CITY STATE ZIP

To Allied Cementing Co., 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.

SALES TAX (If Any)
TOTAL CHARGES 5752.15
DISCOUNT 20% 1150.43 IF PAID IN 30 DAYS
4601.72

PRINTED NAME x Toby Leach

SIGNATURE x Toby Leach

Thank You!

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 04450 A

DATE TICKET NO.

DATE OF JOB 1-27-12 DISTRICT KANSAS	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Pickrell Drlg. Co. Inc.	LEASE Parkerson Trust 'A' # WELL NO.
ADDRESS	COUNTY Ness 31-18-23 STATE Kans.
CITY STATE	SERVICE CREW Allen, Mike, Dale, Steve
AUTHORIZED BY	JOB TYPE: 4 1/2" - 2 Stage L.S. CNW

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
28443 P.U.	3 1/2				
19903-19905	3 1/2				
19960-19916	3 1/2				
19832-21010	3 1/2				

	DATE	AM PM	TIME
TRUCK CALLED	1-26-12	AM	400
ARRIVED AT JOB	1-26-12	AM PM	1000
START OPERATION	1-27-12	AM PM	500
FINISH OPERATION	1-27-12	AM PM	630
RELEASED	1-27-12	AM PM	730
MILES FROM STATION TO WELL	100 miles		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP103	60/40 Poz	SK	175		$1500 00
CP100	Common	SK	75		$1200 00
CP101	A-Con Blend Common	SK	275		$4950 00
CC102	Cell Flake	lb	69		$255 30
CC109	Calcium Chloride	lb	777		$815. 85
CC111	Salt	lb	328		$164 00
CF400	Two Stage cement collar 4 1/2" Red	EA	1		$4500 00
CF600	4 1/2" Latchdown Plug + Assembly Red	EA	1		$720 00
	Auto Fill Float Shoe 4 1/2" Blue	EA	1		$330 00
CF1660	Turbolizer 4 1/2" Blue	EA	4		$340 00
CF1900	4 1/2" Basket	EA	1		$270 00
CC151	Mud Flush	gal	500		$430 00

CHEMICAL / ACID DATA:			

SUB TOTAL DLS

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

SERVICE REPRESENTATIVE Allen F. Werth

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Comapny Inc.**

100 S Main STE 505
Wichita KS 67202-3738

ATTN: Ryan Seib

Parkerson Trust A #1

31-18s-23w Ness,KS

Start Date: 2012.01.25 @ 07:35:00
End Date: 2012.01.25 @ 14:56:15
Job Ticket #: 45058 DST #: 1

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

ORIGINAL

Printed: 2012.02.07 @ 16:27:35

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC

Pickrell Drilling Comapny Inc.

100 S Main STE 505
Wichita KS 67202-3738

ATTN: Ryan Seib

31-18s-23w Ness,KS

Parkerson Trust A #1

Job Ticket: 45058 **DST#: 1**

Test Start: 2012.01.25 @ 07:35:00

GENERAL INFORMATION:

Formation: **Fort Scott**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:58:45
Time Test Ended: 14:56:15

Test Type: Conventional Bottom Hole (Initial)
Tester: Jace McKinney
Unit No: 46

Interval: 4150.00 ft (KB) To 4200.00 ft (KB) (TVD)
Total Depth: 4200.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

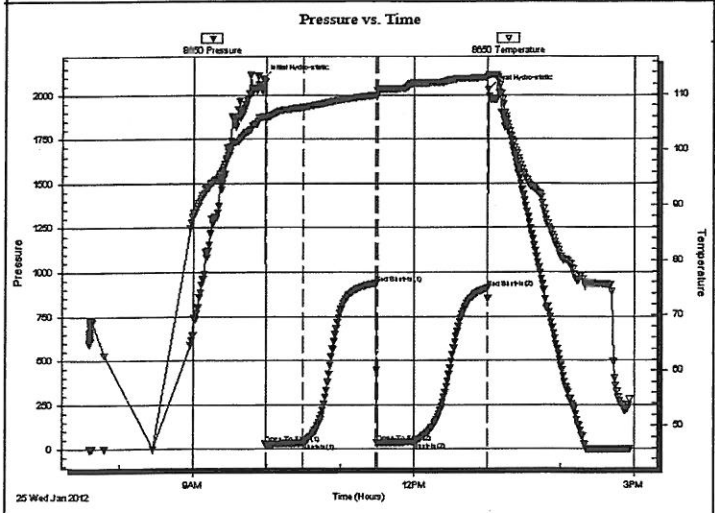
Reference Elevations: 2249.00 ft (KB)
2242.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8650 **Outside**

Press@RunDepth: 38.70 psig @ 4151.00 ft (KB)
Start Date: 2012.01.25 End Date: 2012.01.25
Start Time: 07:35:01 End Time: 14:56:15

Capacity: 8000.00 psig
Last Calib.: 2012.01.25
Time On Btm: 2012.01.25 @ 09:57:00
Time Off Btm: 2012.01.25 @ 13:00:45

TEST COMMENT: Built to 2" blow
No return blow
Built to 5" blow
Weak surface return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2094.14	105.89	Initial Hydro-static
2	26.92	105.44	Open To Flow (1)
33	33.31	107.60	Shut-In(1)
92	937.44	109.84	End Shut-In(1)
93	31.88	110.62	Open To Flow (2)
123	38.70	112.00	Shut-In(2)
183	909.29	113.05	End Shut-In(2)
184	2032.59	113.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	62 feet gas in pipe	0.00
50.00	100% Mud with oil scum	0.70

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Comapny Inc.

100 S Main STE 505
Wichita KS 67202-3738

ATTN: Ryan Seib

31-18s-23w Ness,KS

Parkerson Trust A #1

Job Ticket: 45058 **DST#: 1**

Test Start: 2012.01.25 @ 07:35:00

Tool Information

Drill Pipe:	Length:	4126.08 ft	Diameter:	3.80 inches	Volume:	57.88 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	57.88 bbl	

Drill Pipe Above KB:	3.58 ft
Depth to Top Packer:	4150.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	50.00 ft
Tool Length:	77.50 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	1500.00 lb
Weight set on Packer:	30000.00 lb
Weight to Pull Loose:	62000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	52000.00 lb
Final	54000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4123.50		
Shut In Tool	5.00			4128.50		
Hydraulic tool	5.00			4133.50		
Jars	5.00			4138.50		
Safety Joint	2.50			4141.00		
Packer	5.00			4146.00	27.50	Bottom Of Top Packer
Packer	4.00			4150.00		
Stubb	1.00			4151.00		
Recorder	0.00	8675	Inside	4151.00		
Recorder	0.00	8650	Outside	4151.00		
Perforations	12.00			4163.00		
Change Over Sub	1.00			4164.00		
Drill Pipe	32.00			4196.00		
Change Over Sub	1.00			4197.00		
Bullnose	3.00			4200.00	50.00	Bottom Packers & Anchor
Total Tool Length:	**77.50**					

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Comapny Inc.

100 S Main STE 505
Wichita KS 67202-3738

ATTN: Ryan Seib

31-18s-23w Ness,KS

Parkerson Trust A #1

Job Ticket: 45058 **DST#: 1**

Test Start: 2012.01.25 @ 07:35:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.97 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

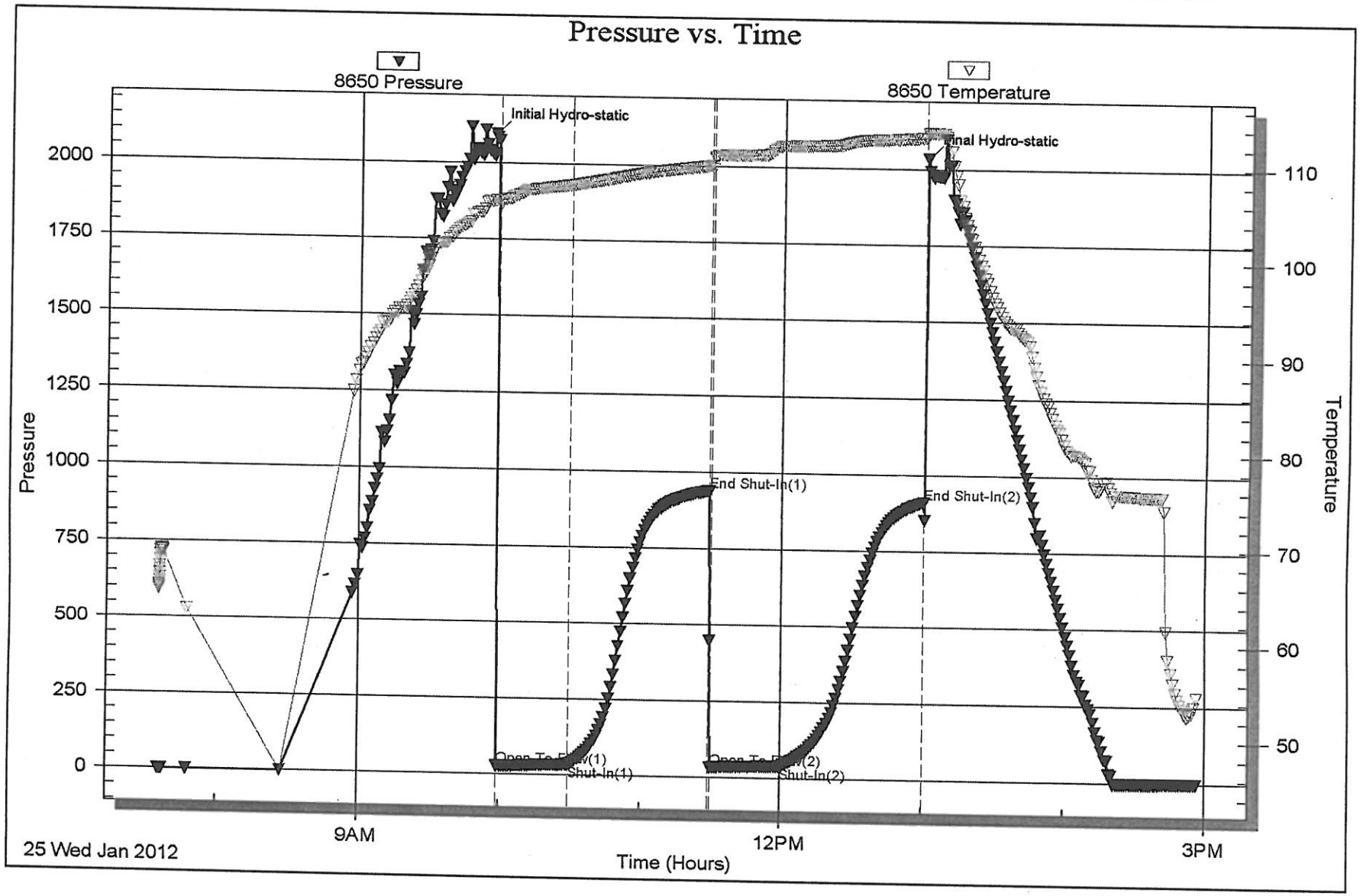
Recovery Table

Length ft	Description	Volume bbl
0.00	62 feet gas in pipe	0.000
50.00	100% Mud with oil scum	0.701

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8650 **Outside** Pickrell Drilling Comapny Inc. Parkerson Trust A #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 45058 Printed: 2012.02.07 @ 16:27:37

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Comapny Inc.**

100 S Main STE 505
Wichita KS 67202-3738

ATTN: Ryan Seib

Parkerson Trust A #1

31-18s-23w Ness,KS

Start Date: 2012.01.26 @ 01:45:00
End Date: 2012.01.26 @ 10:45:30
Job Ticket #: 45059 DST #: 2

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

Printed: 2012.02.07 @ 16:27:52

DRILL STEM TEST REPORT

Pickrell Drilling Comapny Inc.

100 S Main STE 505
Wichita KS 67202-3738

ATTN: Ryan Seib

31-18s-23w Ness,KS

Parkerson Trust A #1

Job Ticket: 45059 **DST#: 2**

Test Start: 2012.01.26 @ 01:45:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:45:45
Time Test Ended: 10:45:30

Test Type: Conventional Bottom Hole (Reset)
Tester: Jace McKinney
Unit No: 46

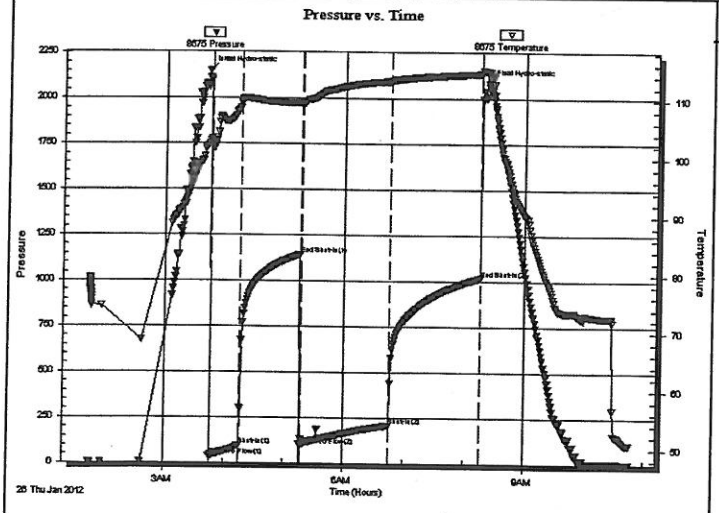
Interval: 4207.00 ft (KB) To 4261.00 ft (KB) (TVD)
Total Depth: 4261.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2249.00 ft (KB)
2242.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8675 **Inside**
Press@RunDepth: 207.96 psig @ 4208.00 ft (KB)
Start Date: 2012.01.26 End Date: 2012.01.26
Start Time: 01:45:01 End Time: 10:45:30

Capacity: 8000.00 psig
Last Calib.: 2012.01.26
Time On Btm: 2012.01.26 @ 03:43:30
Time Off Btm: 2012.01.26 @ 08:23:00

TEST COMMENT: B.O.B. in 14 min.
Bled off for 5 min. Weak surface return blow
B.O.B. in 20 min.
Bled off for 5 min. Weak surface return blow . Died after 40 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2151.85	102.39	Initial Hydro-static
3	35.17	102.08	Open To Flow (1)
33	93.97	109.74	Shut-In(1)
92	1144.63	109.48	End Shut-In(1)
93	97.68	109.15	Open To Flow (2)
182	207.96	113.26	Shut-In(2)
273	1018.17	114.55	End Shut-In(2)
280	2084.48	114.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	186 Gas in pipe	0.00
248.00	gco 10%G 90%O	3.48
124.00	gcmo 10%G 30%M 60%O	1.74
192.00	w cmgo 10%W 10%M 20%G 60%O	2.69

* Recovery from multiple tests

Gas Rates

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

TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Comapny Inc.

100 S Main STE 505
Wichita KS 67202-3738

ATTN: Ryan Seib

31-18s-23w Ness,KS

Parkerson Trust A #1

Job Ticket: 45059 **DST#: 2**

Test Start: 2012.01.26 @ 01:45:00

Tool Information

Drill Pipe:	Length:	4188.45 ft	Diameter:	3.80 inches	Volume:	58.75 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	58.75 bbl	

Drill Pipe Above KB:	8.95 ft
Depth to Top Packer:	4207.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	54.00 ft
Tool Length:	81.50 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	1500.00 lb
Weight set on Packer:	30000.00 lb
Weight to Pull Loose:	65000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	55000.00 lb
Final	57000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4180.50		
Shut In Tool	5.00			4185.50		
Hydraulic tool	5.00			4190.50		
Jars	5.00			4195.50		
Safety Joint	2.50			4198.00		
Packer	5.00			4203.00	27.50	Bottom Of Top Packer
Packer	4.00			4207.00		
Stubb	1.00			4208.00		
Recorder	0.00	8675	Inside	4208.00		
Recorder	0.00	8650	Outside	4208.00		
Perforations	17.00			4225.00		
Change Over Sub	1.00			4226.00		
Drill Pipe	31.00			4257.00		
Change Over Sub	1.00			4258.00		
Bullnose	3.00			4261.00	54.00	Bottom Packers & Anchor
Total Tool Length:	**81.50**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Comapny Inc.

100 S Main STE 505
Wichita KS 67202-3738

ATTN: Ryan Seib

31-18s-23w Ness,KS

Parkerson Trust A #1

Job Ticket: 45059 **DST#: 2**

Test Start: 2012.01.26 @ 01:45:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	35 deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	49.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	11.98 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6600.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	186 Gas in pipe	0.000
248.00	gco 10%G 90%O	3.479
124.00	gcmo 10%G 30%M 60%O	1.739
192.00	w cmgo 10%W 10%M 20%G 60%O	2.693

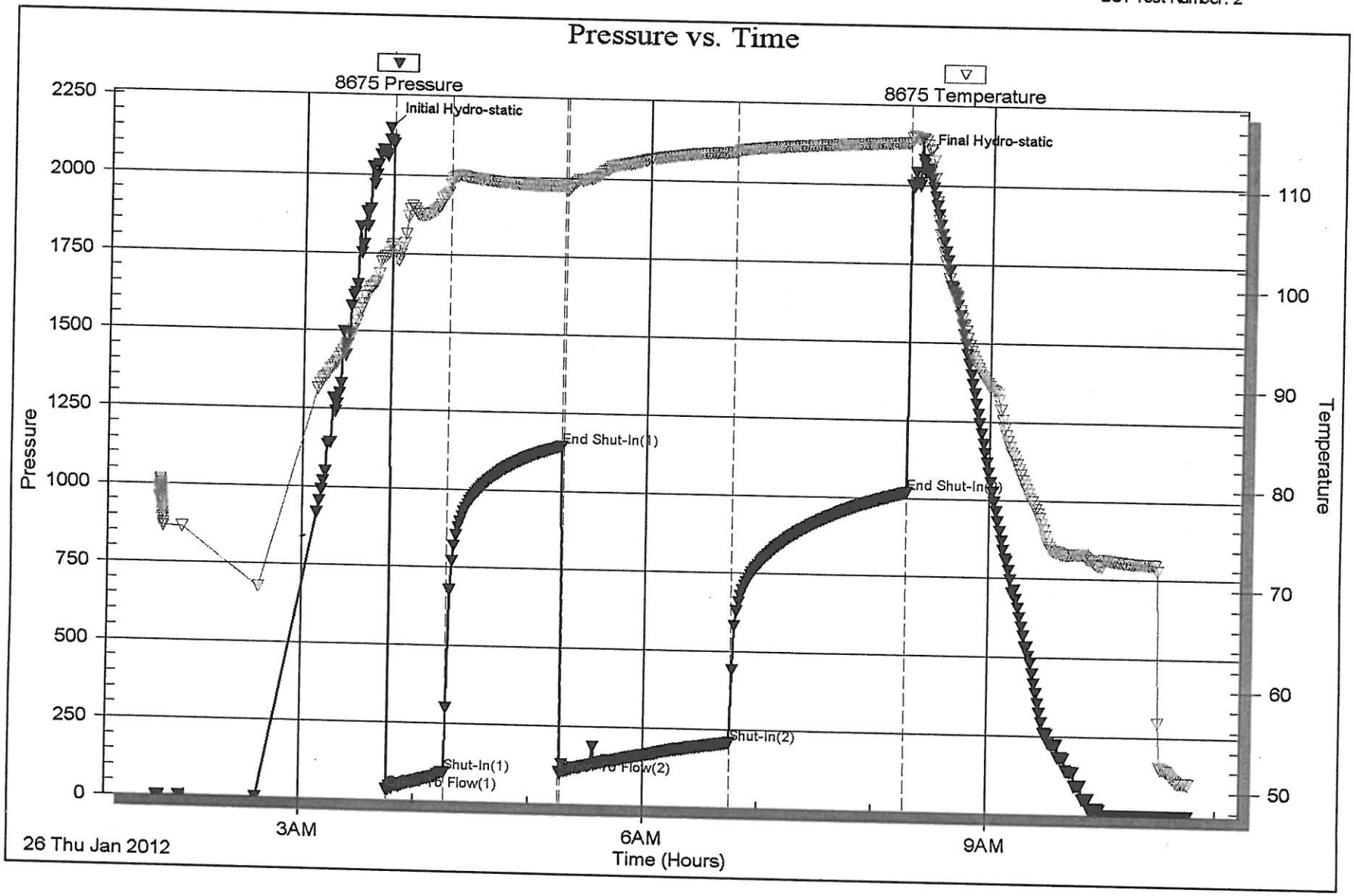
Total Length: 564.00 ft Total Volume: 7.911 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: API: 35 @ 60 F= 35

Serial #: 8675 **Inside** Pickrell Drilling Comapny Inc. Parkerson Trust A #1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 45059 Printed: 2012.02.07 @ 16:27:54

Ryan Seib
Petroleum Geologist
815 S. Topeka Ness City, KS 67560 (785) 798-5398

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

OPERATOR Pickrell Drilling
LEASE #1 Parkerson Trust "A"
FIELD
LOCATION 330' FNL & 1210 FWL
SEC. 31 TWP. 18s RGE. 23w
COUNTY Ness STATE KS

CONTRACTOR Pickrell Drilling
COMM. 1-17-12 COMP. 1-26-12
RTD 4261' LOG TO 4261'
SAMPLES SAVED FROM 3500' TO RTD
DRILLING TIME KEPT FROM 3500' TO RTD
SAMPLES EXAMINED FROM 3500' TO RTD
GEOLOGICAL SUPERVISION FROM 3500' TO RTD
MUD UP 3308' TYPE MUD Chemical
API # 15-135-25339

ELEVATION
KB 2249'
DF
GL 2242'
Measurements Are All From K.B.

CASING RECORD
SURFACE 8 5/8" @ 220'
PRODUCTION 4 1/2"

WELL LOG SURVEYS
RAG

FORMATION	LOG DATUM		SAMPLE TOP	DATUM
Heebner	3826	(-1577)	3826	(-1577)
LKC	3867	(-1618)	3866	(-1617)
BKC	3967	(-1718)	3967	(-1718)
Marmaton	4012	(-1763)	4014	(-1765)
Pawnee	4079	(-1830)	4082	(-1833)
Ft. Scott	4165	(-1916)	4168	(-1919)
Cherokee Sh.	4188	(-1939)	4191	(-1942)
Mississippian	4242	(-1993)	4246	(-1997)
Mississippi var.	4250	(-2001)	4250	(-2001)
RTD	4261	(-2012)	4261	(-2012)

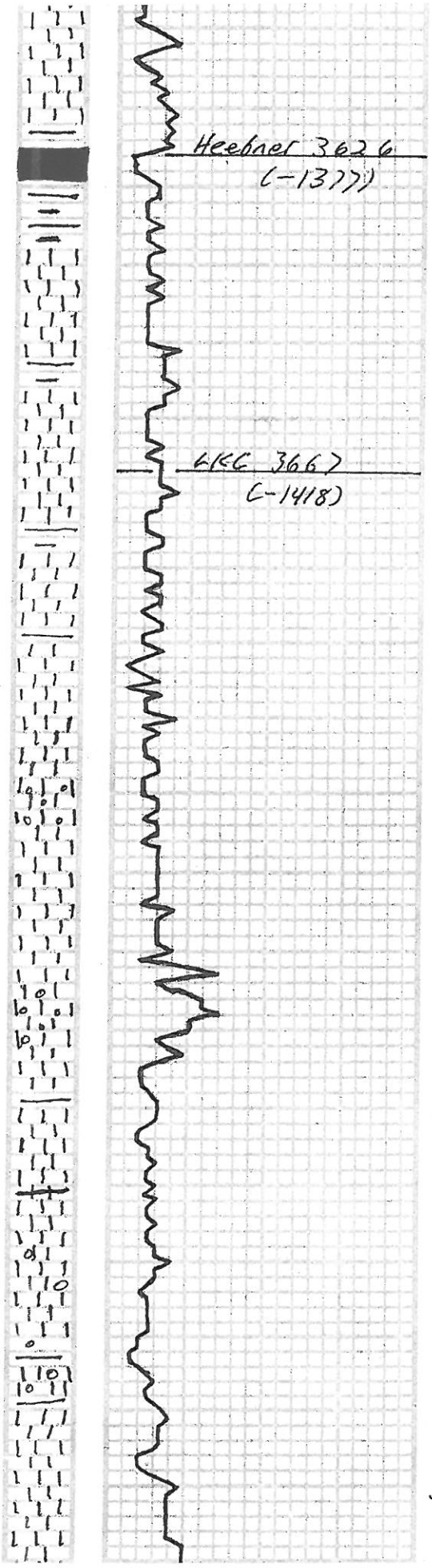
4 1/2" production casing was set on the Parkerson Trust "A" to further evaluate the well.

#2 Parkerson 1410' FNL & 1370 FWL

LEGEND
Anhydrite Salt Sandstone Shale Carbonate Oolitic Limestone Chert Dolomite

SCALE " = 100'

Lithology	Drilling time in minutes	DEPTH	Sample Description	Remarks, drill stem tests, etc
			Daily Penetration	
			1-18-12 - 255'	
			1-19-12 - 1037'	
			1-20-12 - 2196'	
			1-21-12 - 2695'	
			1-22-12 - 3279'	
			1-23-12 - 3743'	
			1-24-12 - 4025'	
			1-25-12 - 4200'	
			1-26-12 - 4261' TD	
		3500	Ls., crm-tn, fn x ln, dense/brittle, sl. chlky, mostly uniform, few tr foss., no odr, n/s	
			Ls., crm-wh, fn-v fn x ln, dense/hard, chlky, mott-tr pi, no odr, n/s	
			Ls., crm-lt brn, fn-v fn x ln, dense/hard, p-n vis ø, mott-pi, sl. chlky, tr pyr, no odr, n/s	
		50	Ls., AA	
			Ls., crm-tn, fn-v fn x ln, dense/brittle, no vis ø, mostly uniform, foss/fuss, no odr, n/s	
			Ls., crm-brn, fn x ln, dense/brittle, n vis ø, uniform, no odr, n/s	
		3600	Ls., crm-tn-wh, fn-v fn x ln, pi, n vis ø, uniform, sl. chlky, no odr, n/s	



Ls., crm-brn, fn-v fn x lm, dense/hard, n vis Ø, chlky, uniform, foss vari, no odr, n/s

Sh., BLK Carb

Ls., crm-tn, fn x lm, dense/hard, n vis Ø, slichlky, mott ip, no odr, n/s

50

Ls., AA

Sh., gry-blk

Ls., crm-wh, fn-v fn x lm, dense/hard, p vis Ø, chlky, uniform, few piece of gry ss, no odr, n/s

Sh., gry-blk

Ls., crm-wh-tn, fn-v fn x lm, dense/hard, n vis Ø, uniform, no odr, n/s

Sh., vari color

Ls., crm-lt brn, fn-v fn x lm, dense/brittle ip, n vis Ø, mostly uniform, no odr, n/s

3700

Ls., crm-tn, fn-vfn x lm, dense/hard, p vis Ø, ooc ip, mostly uniform, no odr, n/s

Sh., gry

Ls., crm-wh-brn, fn-vfn x lm, dense/brittle ip, n vis Ø, mott ip no odr, n/s

B: 1 + 5 ip @ 3743

Ls., crm-tn, fn x lm, dense/hard, p-n vis Ø, mostly uniform, ooc ip, no odr, n/s

50

Ls., Ah

Mud ✓ @ 3756'
wt - 8.9
vis - 44
WL - 11.6
Chl - 8,200
LCM - 0

Sh., gry-blk

Ls., crm-wh, fn x lm, dense/brittle, p vis Ø, ooc ip, uniform, no odr, n/s

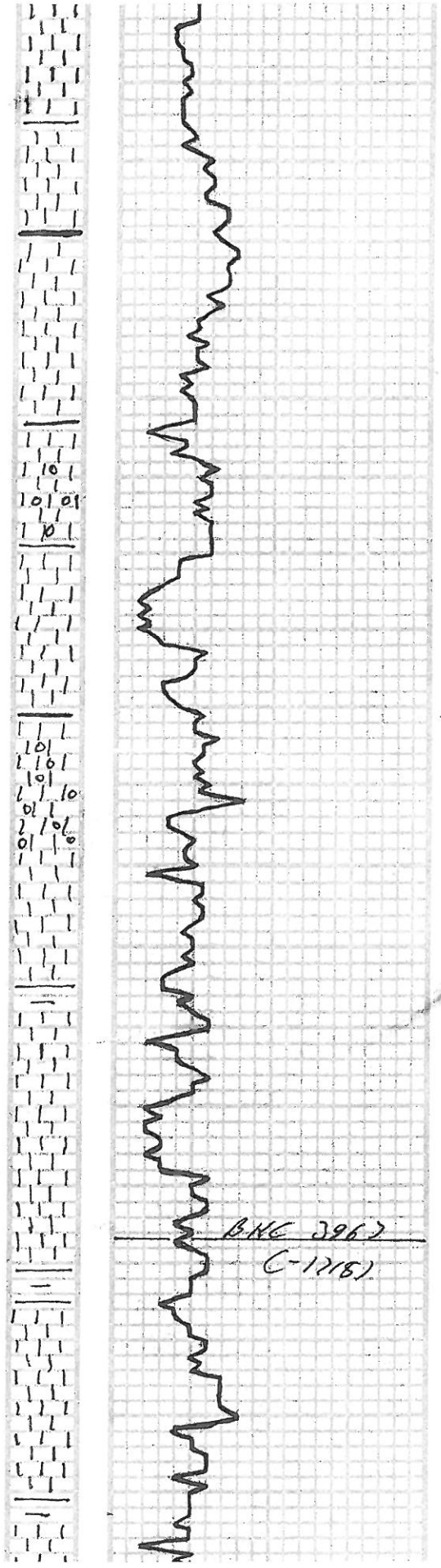
Ls., crm-tn-wh, fn-v fn x lm, dense/hard, n vis Ø, ooc ip, very chlky, no odr, no flor, n/s

Sh., gry-blk

Ls., crm-wh, fn x lm, dense/fri ip, n vis Ø, ooc ip hh, chlky, no odr, n/s

3800

Ls., crm-tn, fn x lm dense/brittle, n vis Ø, mostly uniform, sl chlky, no odr, n/s



Ls., Ak

Ls., crm-brn, fn-v fn x la, dense/brittle, p vis ∅, ooc ip, uniform, no odr, n ls

Sh., vari color

Ls., crm-tn, fn x la, dense/brittle, n vis ∅, matt ip, chlky, no odr, n ls

Sh., blk

50

Ls., crm-wh, fn-v fn x la, dense/hard, n vis ∅, matt ip, sli chlky, tr pyr, foss vari, no odr, no rlwr, n ls

Ls., crm, fn x la, dense/brittle, n vis ∅, mostly uniform, no odr, n ls

Sh., gry-blk

Ls., crm-lt brn, fn-v fn x la, dense/hard, p-n vis ∅, ooc ip, sli chlky, no odr, n ls

Sh., gry-blk

Ls., crm-tn, fn-v fn x la, dense/brittle, p-n vis ∅, sli chlky, uniform, no odr, n ls

3900

Ls., crm-wh-tn, fn x la, dense/brittle, n vis ∅, uniform, sli chlky, no odr, n ls

Sh. gry-blk

Ls., crm-wh, fn-v fn x la, dense/hard ip, p vis ∅, ooc ip, sli chlky Ak, foss-brach, no odr, n ls

Ls., Ak

Ls., crm-tn, fn x la, dense/brittle, p-n vis ∅, ooc ip, foss-vari, no odr, n ls

Sh., gry-blk

Ls., crm-lt brn, fn-v fn x la, dense/hard, n vis ∅, mostly uniform, no odr n ls

50

Ls., crm-brn, fn x la, dense/brittle, p vis ∅, uniform, sli chlky, no odr n ls

Ls., Ak

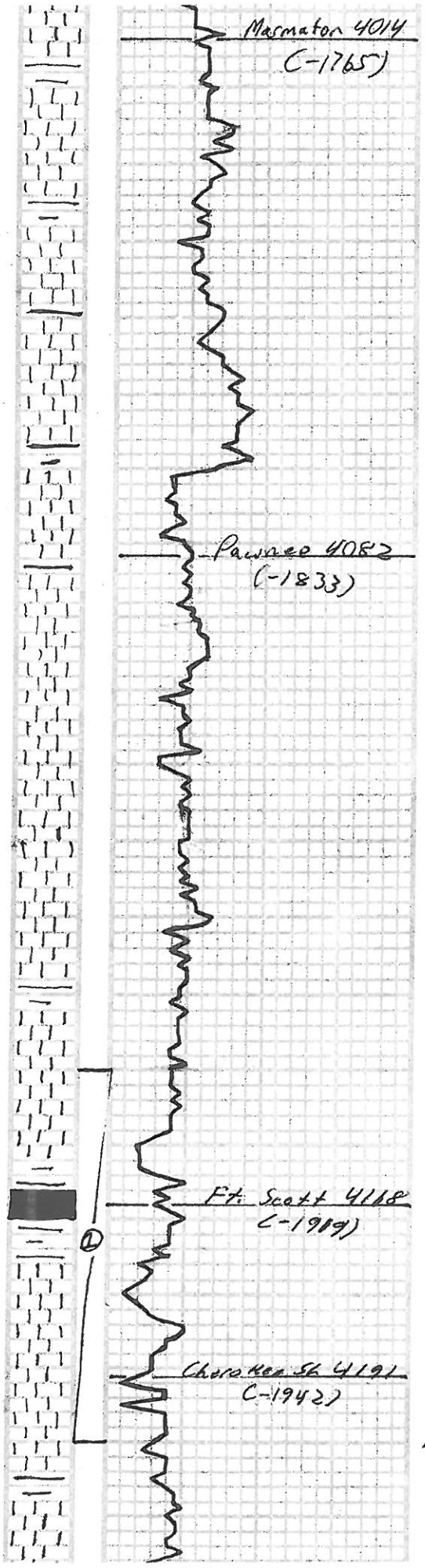
Sh., vari color

Ls., crm-tn-lt brn, fn-v fn x la, dense/hard, n vis ∅, mostly uniform, sli chlky, no odr, n ls

Ls., crm-lt brn, v fn x la, dense/hard, n vis ∅, no odr, n ls

4000

Sh., gry



Ls., crm-tn, vfn x lam, dense/hard, n vis ø, mott ip, sli chlky, no odr, n/s

Sh., gry-blk

Ls., crm-brn, v fn-l crypto x lam, dense/hard, n vis ø, mott ip, chlky, no odr, n/s

Ls., AA

Sh., gry

Ls., crm-wh, fn x lam, dense/brittle, p-n vis ø, mostly, uni form, sli chlky, tr pgr, foss-vari., no odr, n/s

Sh., gry-blk

Ls., crm-tn, fn-v fn x lam, dense/hard, p-n vis ø, uni form, chlky, no odr, n/s

Sh., gry-blk

Ls., crm-tn, fn-v fn x lam, dense/hard, p-n vis ø, mott ip, sli chlky, no odr, n/s

Sh., gry

Ls., AA

50

4100

Ls., crm-tn, fn x lam, dense/hard, p vis ø, mostly uni form, sli chlky, foss vari, no odr, no fluor, n.s.fo

Ls., crm-lt brn, fn-v fn, x lam, dense/hard, n vis ø, no odr, n/s

Sh., gry

Ls., crm-brn, fn-v fn x lam, dense/brittle ip, n vis ø, mostly uni form, sli chlky, foss/foss, no odr, n/s

Ls., crm-tn-lt brn, fn x lam, dense/brittle, p-n vis ø, mott ip, tr pgr, no odr, n/s

Sh., gry

50

Ls., crm-brn, fn-v fn x lam, dense/hard, n vis ø, uni form, no odr, n/s

Ls., crm-lt brn, fn-v fn x lam, dense/brittle ip, p-f ooc ø, uni form, faint odr, fs fo

Sh., BLK carb

Ls., crm-lt brn, fn x lam, dense/brittle, p-f ppp vug ø, ool ip, sli chlky, foss vari, f-g odr, faint fluor, fs fo

Ls., crm-tn, fn-v fn x lam, dense/hard, p vis ø, occ scatt pp ø, faint odr, faint fluor, ss fo

Ls., crm-tn, fn-v fn x lam, dense/hard, p vis ø, sli chlky, faint odr, vss fo

4200

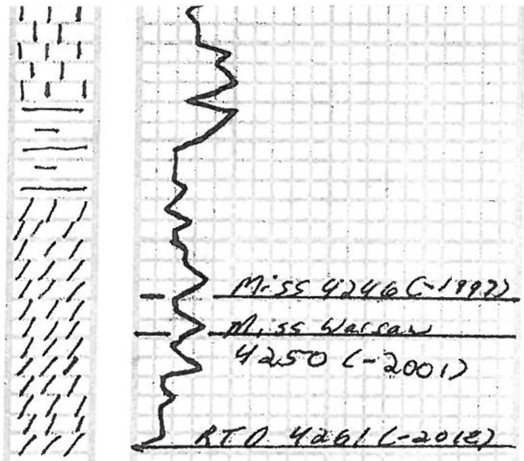
Ls., crm-brn, fn-v fn x lam, dense/hard, n vis ø, mott ip, sli chlky, no odr, n/s

Sh., gry

Mud ✓ @ 4045'
Wt-9.3
Vis-45
WL-10.4
Chl-5,800
LCM-0

Bit trip @ 4070'

Mud ✓ @ 4100'
Wt-9.6
Vis-49
WL-12.0
Chl-6,600



50

4300

tsy crm-tn, fn xln, dense/brittle ip, p vis ø, sli chlky, uniform, faint odr, no fluor, nsfo

Sh., vari color

Sh., vari color

Dol., tn-brn, mod bd-fn xln, dense/hard, p-f intrxln ø, p-f vug ø, g-odr, g-fluor, gsfo

Dol., tn-brn, fn xln, dense/brittle ip, p-f intrxln ø, f vug ø, g-odr, g-fluor, good show of light sweet oil

LCM-0

DST #1 4150'-4200'
30-60-30-60
Rec. 62' GIP
50' mud w/ tr. o
IHP-2094# FHP-2,03
IFP-27#-32# FFP-33
ISIP-937# FSIP-909

Mud ✓ @ 4261'
Wt-9.7
Vis-65
WL-10.4
Chl-7,100
LCM-0

DST #2 4207'-4261'
30-60-90-90
Rec. 186' GIP
248' GCO (10%g, 90%o
124' GCMO (10%g, 60%o,
192' WCMGO (20%g, 60%o,
IHP-2,152# FHP-2084#
IFP-35#-98# FFP-94#-2
ISIP-1,145# FSIP-1018#