



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

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1068599

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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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> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Zerr Trust 2-23
Doc ID	1068599

All Electric Logs Run

Array Induction
Photo Density
Comp. Neutron
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Zerr Trust 2-23
Doc ID	1068599

Tops

Name	Top	Datum
Base Anhydrite	2380	+512
Heebner	3911	-1019
Lansing	3952	-1060
Muncie Creek	4107	-1215
Stark Shale	4192	-1300
Hushpuckney	4228	-1336
Pawnee	4385	-1493
L. Cherokee Shale	4471	-1579
Johnson	4516	-1624
Mississippian	4572	-1680



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906
 Voice: (817) 546-7282
 Fax: (817) 246-3361

INVOICE

Invoice Number: 128782
 Invoice Date: Sep 30, 2011
 Page: 1

Bill To:
 Shakespere Oil Co., Inc.
 202 West Main St.
 Salem, IL 62881

Federal Tax I.D.#: 20-5975804

Customer ID	Well Name# or Customer P.O.	Payment Terms
Shak	Zerr Trust #2-23	Net 30 Days
Job Location	Camp Location	Service Date
KS1-01	Oakley	Sep 30, 2011
		Due Date
		10/30/11

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	16.25	2,681.25
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
174.00	SER	Handling	2.25	391.50
23.00	SER	Mileage	19.14	440.22
1.00	SER	Surface	1,125.00	1,125.00
46.00	SER	Heavy Vehicle Mileage	7.00	322.00
46.00	SER	Light Vehicle Mileage	4.00	184.00
1.00	CEMENTER	Terry Heinrich		
1.00	OPER ASSIST	Earl Rebarchek		
1.00	OPER ASSIST	Ethan Glassman		

INT

10502-5 surface cementing

JP

PAID
OCT 11 2011

Subtotal	5,556.92
Sales Tax	249.08
Total Invoice Amount	5,806.00
Payment/Credit Applied	
TOTAL	5,806.00

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

\$ 1111.38

ONLY IF PAID ON OR BEFORE
Oct 25, 2011

DW

ALLIED CEMENTING CO., LLC. 039867

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

PAKLEY

9-30-11 DATE	23 SEC.	135 TWP.	312 RANGE	7:30 PM ON LOCATION	9:30 PM JOB START	10:00 AM JOB FINISH
2 EAR TRUSS LEASE	2-23 WELL #	2-23 LOCATION	PAKLEY	115-812-35-1/4 W-S	COVE COUNTY	KS STATE
OLD OR NEW (Circle one)	New					

CONTRACTOR VAI OILS REG #7 OWNER SAM Z

TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4" T.D. 225'
 CASING SIZE 8 5/8" DEPTH 225'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX. MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 15'
 PERFS.
 DISPLACEMENT

CEMENT AMOUNT ORDERED
165 SKS Com 32 cc 2% gel
 COMMON 165 SKS @ 16 25 2681 25
 POZMIX
 GEL 3 SKS @ 21 25 65 25
 CHLORIDE 2 SKS @ 58 20 349 20
 ASC

EQUIPMENT
 PUMP TRUCK CEMENTER TERRY
 # 422 HELPER BOB
 BULK TRUCK
 # 404 DRIVER ETIAND
 BULK TRUCK
 #

REMARKS:
Hook on to 8 5/8" casing. CIRC
to mess. Hook up to TRUSS MAX 165
SKS Com. 3% cc 2% gel. Displace 13 1/4
SKS with 2.5 shot sewage. End

CEMENT DEAL CIRC
 THANK YOU
 CHARGE TO: SHAKESPEARE DELIVERY
 STREET _____ STATE _____ ZIP _____
 CITY _____
 DEPTH OF JOB 225'
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____
 MILEAGE 23 X 2 @ 7 32 322 32
 MANIFOLD
LEIGHTWEIGHT 23 X 2 @ 4 32 184 32
 HANDLING 174 SKS @ 2 25 391 20
 MILEAGE 114 DEL DEL 1000S 440 20
 TOTAL 3925 90

SERVICE
 TOTAL 1631 32

PLUG & FLOAT EQUIPMENT
 TOTAL

SALES TAX (If Any)
 TOTAL CHARGES
 DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME James Sh... AR
 SIGNATURE [Signature]

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.



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906
 Voice: (817) 546-7282
 Fax: (817) 246-3361

INVOICE

Invoice Number: 128905
 Invoice Date: Oct 12, 2011
 Page: 1

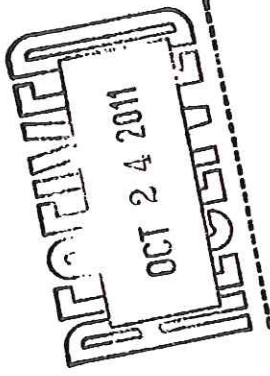
Bill To:
 Shakespere Oil Co., Inc.
 202 West Main St.
 Salem, IL 62881

Federal Tax I.D.#: 20-5975804

INT

Customer ID	Well Name# or Customer P.O.	Payment Terms
Shak	Zerr Trust #2-23	Net 30 Days
Job Location	Camp Location	Service Date
KS1-03	Oakley	Oct 12, 2011
		Due Date
		11/11/11

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	Class A Common	16.25	2,145.00
88.00	MAT	Pozmix	8.50	748.00
8.00	MAT	Gel	21.25	170.00
55.00	MAT	Flo Seal	2.70	148.50
230.00	SER	Handling	2.25	517.50
23.00	SER	Mileage	25.30	581.90
1.00	SER	Plug To Abandon	1,250.00	1,250.00
46.00	SER	Heavy Vehicle Mileage	7.00	322.00
46.00	SER	Light Vehicle Mileage	4.00	184.00
1.00	EQP	8 5/8 Dry Hole Plug	92.00	92.00
1.00	CEMENTER	Andrew Forslund		
1.00	EQUIP OPER	Jerry Yates		
1.00	OPER ASSIST	Earl Rebarchek		



Subtotal	6,158.90
Sales Tax	495.79
Total Invoice Amount	6,654.69
Payment/Credit Applied	
TOTAL	6,654.69

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

\$ 1231.78

ONLY IF PAID ON OR BEFORE
Nov 6, 2011

10502-S
JD

DW

ALLIED CEMENTING CO., LLC. 043509

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Oakley

DATE <u>10-12-11</u>	SEC <u>23</u>	TWP <u>B35</u>	RANGE <u>21W</u>	CALLED OUT	ON LOCATION	JOB START <u>10:20 AM</u>	JOB FINISH <u>11:50 AM</u>
LEASEE <u>Zerr Trust</u>	WELL # <u>2-23</u>	LOCATION <u>Oakley 15 SE 35</u>		COUNTY <u>Osage</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u> (Circle one) <u>14W 51N20</u>							

CONTRACTOR 14617 OWNER Squire

TYPE OF JOB PTA
 HOLE SIZE 7 7/8 T.D. 4625'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 2365'
 TOOL _____ DEPTH _____

PREV. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

EQUIPMENT

PUMP TRUCK CEMENTER Andrew
 # 422 HELPER Jerry
 BULK TRUCK DRIVER Earl
 # 404
 BULK TRUCK DRIVER _____
 # _____

REMARKS:

25 sks @ 2365'
100 sks @ 1460'
40 sks @ 225'
10 sks @ 40'
15 sks pipe & bolts
30 sks Ret hole

CHARGE TO: Shakespeare oil & gas
 Thank you

STREET _____
 CITY _____ STATE _____ ZIP _____

CEMENT
 AMOUNT ORDERED 220 sks 6040
40 gal 14 1/2 sec 6

COMMON 132 sks @ 16.25 2145.00
 POZ MIX 88 sks @ 8.50 748.00
 GEL 8.5 sks @ 21.25 170.00
 CHLORIDE _____
 ASC _____

Flu secc 55 @ 3.70 148.50

HANDLING 230 sks @ 2.25 517.50
 MILEAGE 118 sk/mile 581.90
 TOTAL 4210.90

SERVICE
 DEPTH OF JOB 2365'
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE 1250.00
 MILEAGE 23 miles x 2 @ 2.00 322.00
 MANIFOLD Light vehicle @ 4.00 184.00

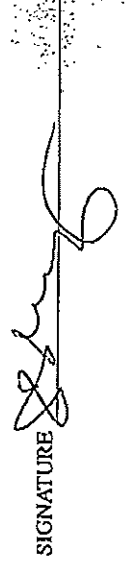
TOTAL 1756.00

PLUG & FLOAT EQUIPMENT
878
1 Dry hole plug @ 92.00

TOTAL 22.00

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS _____

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.

PRINTED NAME James Sku Hz
 SIGNATURE 



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. LLC

23/13s/31w

202 W Main St.
Salem IL, 62881

Zerr Trust 2-23

Job Ticket: 42275

DST#: 1

ATTN: Pat Deenihan

Test Start: 2011.10.06 @ 08:05:27

GENERAL INFORMATION:

Formation: **Lansing B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:01:27

Time Test Ended: 17:04:42

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Slempp

Unit No: 53

Interval: 3972.00 ft (KB) To 4008.00 ft (KB) (TVD)

Reference Elevations: 2892.00 ft (KB)

Total Depth: 4008.00 ft (KB) (TVD)

2882.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8677

Inside

Press @ Run Depth: 219.12 psig @ 3974.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.06

End Date:

2011.10.06

Last Calib.:

2011.10.06

Start Time: 08:05:28

End Time:

17:04:42

Time On Btm:

2011.10.06 @ 12:00:12

Time Off Btm:

2011.10.06 @ 14:20:12

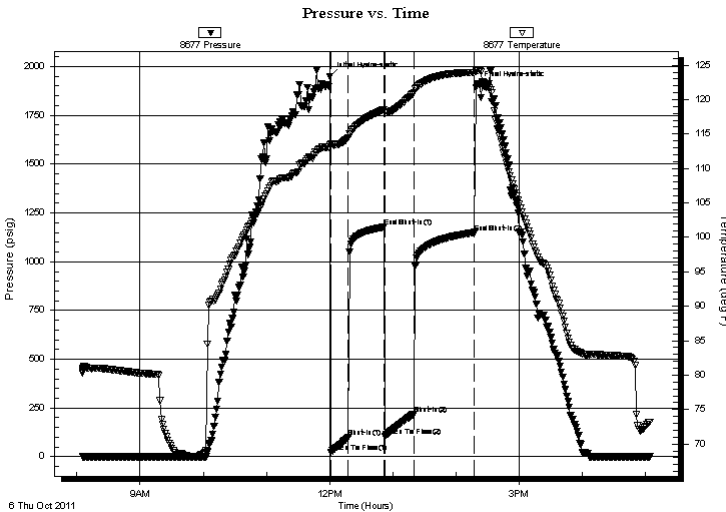
TEST COMMENT: IF- Strong Blow BOB in 13 min

ISI- No blow back

FF- BOB in min 15 min

FSI- No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1948.46	113.50	Initial Hydro-static
2	24.57	113.51	Open To Flow (1)
18	98.40	114.47	Shut-In(1)
52	1177.08	118.53	End Shut-In(1)
53	106.04	118.15	Open To Flow (2)
80	219.12	120.97	Shut-In(2)
138	1149.93	123.92	End Shut-In(2)
140	1902.60	124.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
434.00	95% water 5% mud	6.09

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. LLC

23/13s/31w

202 W Main St.
Salem IL, 62881

Zerr Trust 2-23

Job Ticket: 42275

DST#: 1

ATTN: Pat Deenihan

Test Start: 2011.10.06 @ 08:05:27

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

48000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	95%water5%mud	6.088

Total Length: 434.00 ft

Total Volume: 6.088 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8677

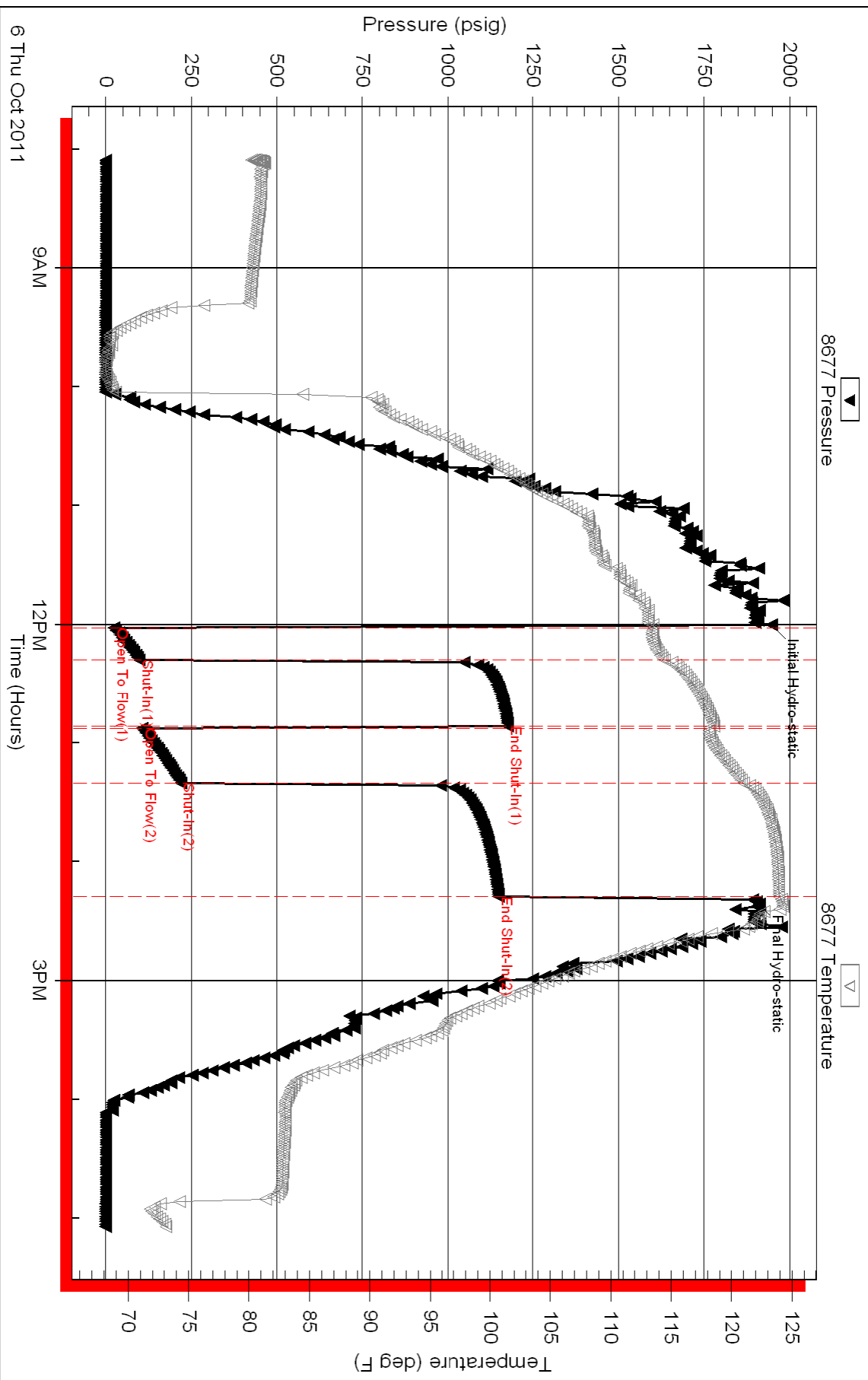
Inside

Shakespeare Oil Co. LLC

Zerr Trust 2-23

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. LLC

23/13s/31w Gove, Ks

202 W Main St.
Salem IL, 62881

Zerr Trust # 2-23

ATTN: Pat Deenihan

Job Ticket: 45401

DST#: 2

Test Start: 2011.10.08 @ 01:15:58

GENERAL INFORMATION:

Formation: **K**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 03:48:43
 Time Test Ended: 10:40:43
 Interval: **4187.00 ft (KB) To 4210.00 ft (KB) (TVD)**
 Total Depth: 4210.00 ft (KB) (TVD)
 Hole Diameter: 7.78 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2892.00 ft (KB)
 2882.00 ft (CF)
 KB to GR/CF: 10.00 ft

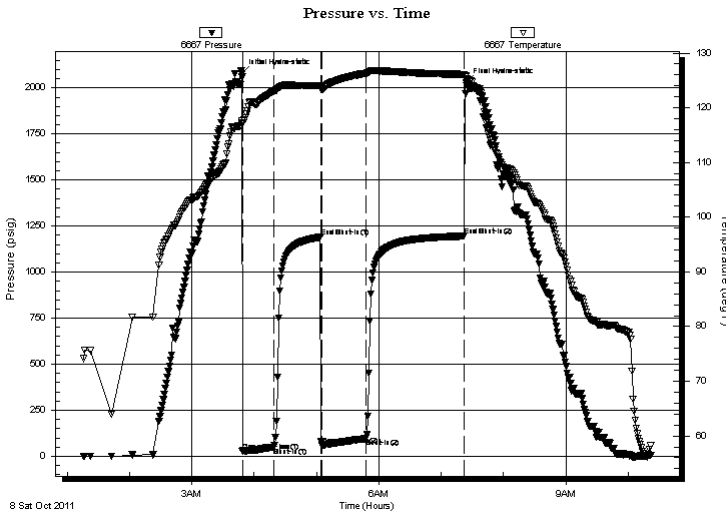
Serial #: 6667

Inside

Press @ Run Depth: 96.77 psig @ 4188.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.10.08 End Date: 2011.10.08 Last Calib.: 2011.10.08
 Start Time: 01:15:58 End Time: 10:21:43 Time On Btm: 2011.10.08 @ 03:47:58
 Time Off Btm: 2011.10.08 @ 07:23:43

TEST COMMENT: B.O.B. in 13 min.
 No return
 B.O.B. in 13 min
 Return blow built to 3" in

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2075.65	117.14	Initial Hydro-static
1	27.60	117.17	Open To Flow (1)
31	50.39	123.05	Shut-In(1)
76	1190.39	124.02	End Shut-In(1)
77	58.21	123.53	Open To Flow (2)
120	96.77	126.31	Shut-In(2)
215	1196.08	126.10	End Shut-In(2)
216	2027.79	125.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	c g o 5%g 95%o	0.63
80.00	w & o c m 20%w 30%o 50%m	1.12
60.00	m c w 20%m 80%w trace of oil	0.84
0.00	235' weak gas in pipe	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. LLC

23/13s/31w Gove, Ks

202 W Main St.
Salem IL, 62881

Zerr Trust # 2-23

Job Ticket: 45401

DST#: 2

ATTN: Pat Deenihan

Test Start: 2011.10.08 @ 01:15:58

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

48000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
45.00	c g o 5%g 95%o	0.631
80.00	w & o c m 20%w 30%o 50%m	1.122
60.00	m c w 20%m 80%w trace of oil	0.842
0.00	235' weak gas in pipe	0.000

Total Length: 185.00 ft

Total Volume: 2.595 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .239 @ 56*f = 48,000

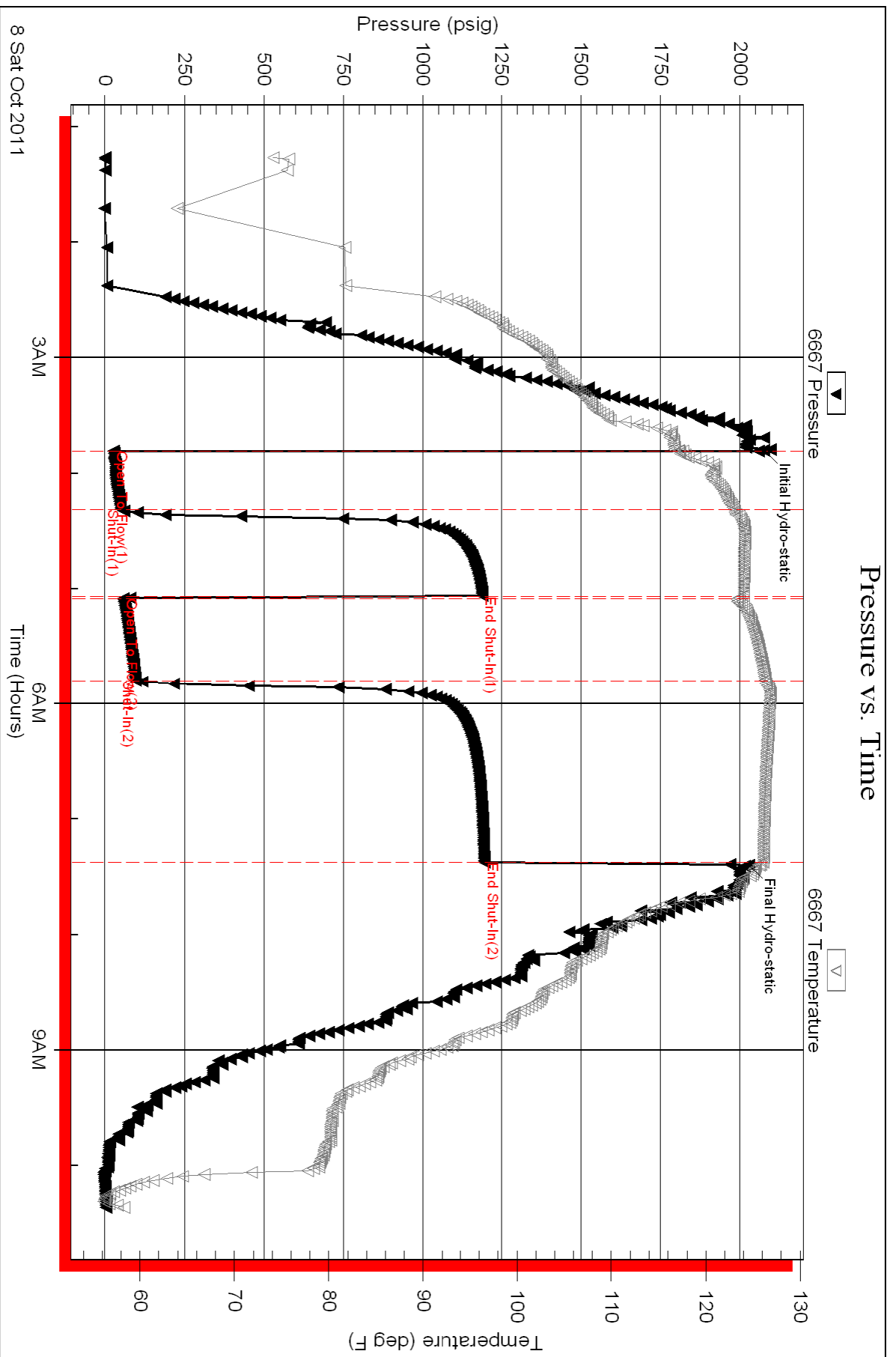
Serial #: 6667

Inside

Shakespeare Oil Co. LLC

Zerr Trust # 2-23

DST Test Number: 2





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. LLC

23/13s/31w Gove, Ks

202 W Main St.
Salem IL, 62881

Zerr Trust # 2-23

ATTN: Pat Deenihan

Job Ticket: 45402

DST#: 3

Test Start: 2011.10.09 @ 14:00:15

GENERAL INFORMATION:

Formation: **Myrick Station**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 17:00:45

Time Test Ended: 21:30:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4408.00 ft (KB) To 4438.00 ft (KB) (TVD)

Reference Elevations: 2892.00 ft (KB)

Total Depth: 4438.00 ft (KB) (TVD)

2882.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6771

Inside

Press @ Run Depth: 20.26 psig @ 4410.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.09

End Date:

2011.10.09

Last Calib.:

2011.10.09

Start Time: 14:00:15

End Time:

21:16:15

Time On Btm:

2011.10.09 @ 17:00:00

Time Off Btm:

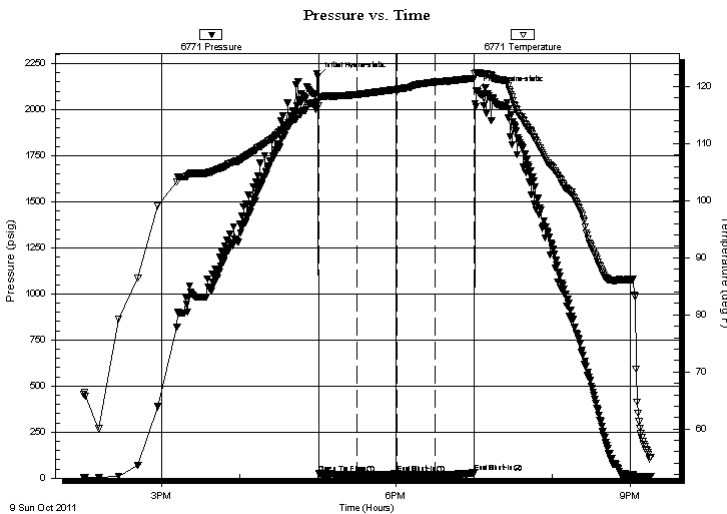
2011.10.09 @ 19:01:45

TEST COMMENT: Weak blow died in 6 min.

No return

No blow

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2180.52	118.04	Initial Hydro-static
1	23.41	116.60	Open To Flow (1)
30	20.10	118.57	Shut-In(1)
61	24.15	119.47	End Shut-In(1)
61	23.43	119.48	Open To Flow (2)
90	20.26	120.75	Shut-In(2)
121	29.21	121.42	End Shut-In(2)
122	2104.16	122.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100% m	0.01

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. LLC

23/13s/31w Gove, Ks

202 W Main St.
Salem IL, 62881

Zerr Trust # 2-23

Job Ticket: 45402

DST#: 3

ATTN: Pat Deenihan

Test Start: 2011.10.09 @ 14:00:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100%m	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

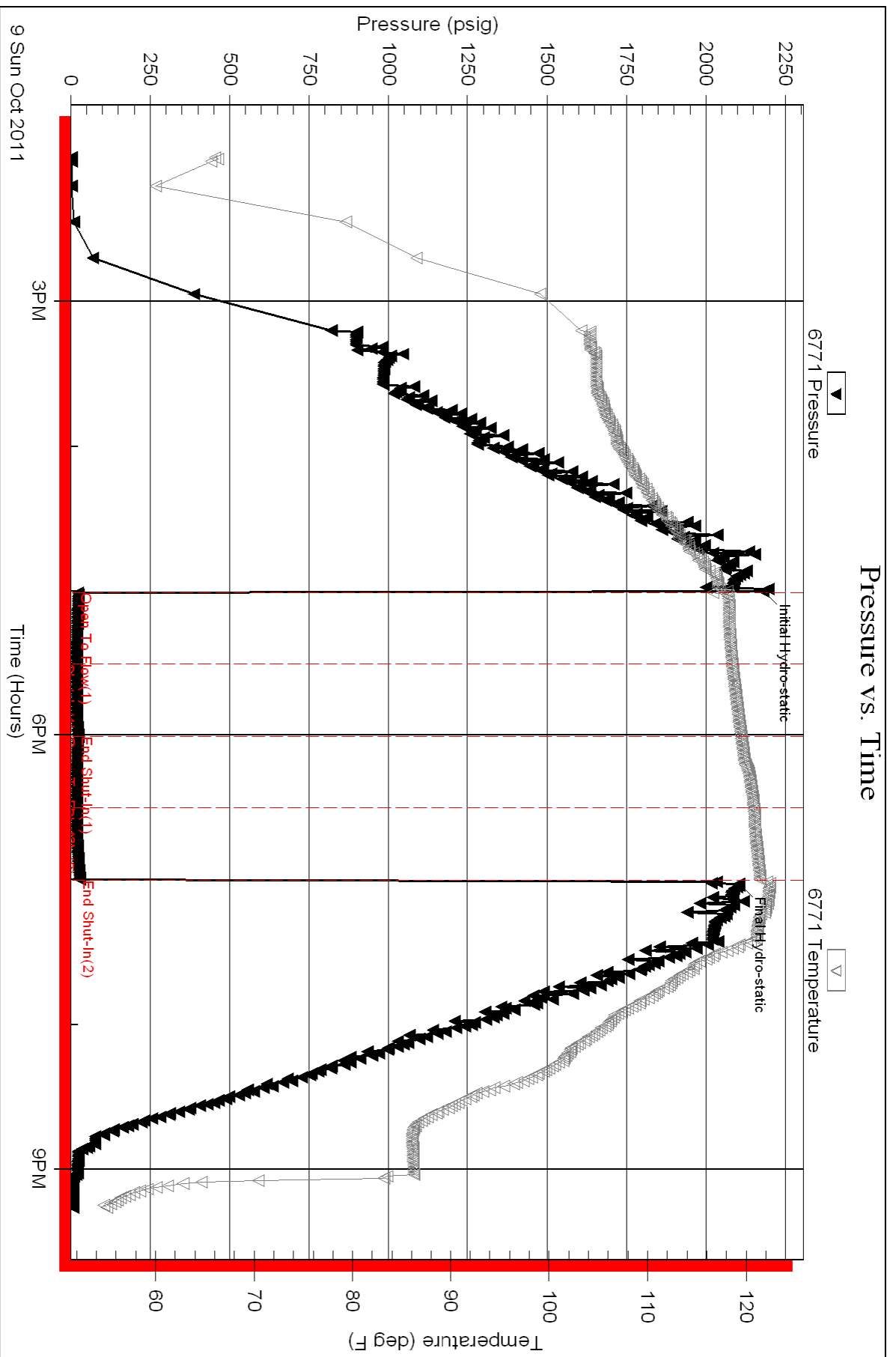
Serial #: 6771

Inside

Shakespeare Oil Co. LLC

Zerr Trust # 2-23

DST Test Number: 3





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Shakespeare Oil Co. LLC

23/13s/31w Gove, Ks

202 W Main St.
Salem IL, 62881

Zerr Trust # 2-23

ATTN: Pat Deenihan

Job Ticket: 45403

DST#: 4

Test Start: 2011.10.10 @ 10:50:24

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 13:04:24

Time Test Ended: 18:15:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

Interval: 4492.00 ft (KB) To 4532.00 ft (KB) (TVD)

Reference Elevations: 2892.00 ft (KB)

Total Depth: 4532.00 ft (KB) (TVD)

2882.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6667 Inside

Press @ Run Depth: 23.07 psig @ 4493.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.10.10

End Date:

2011.10.10

Last Calib.: 2011.10.10

Start Time: 10:50:24

End Time:

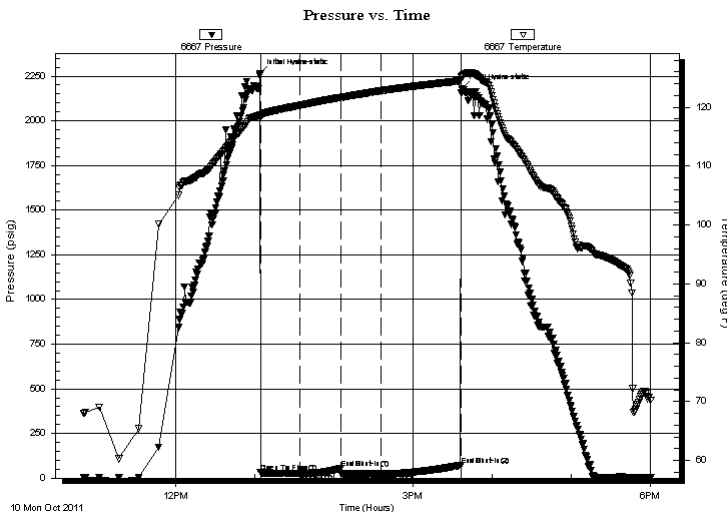
17:59:54

Time On Btm: 2011.10.10 @ 13:04:09

Time Off Btm: 2011.10.10 @ 15:36:54

TEST COMMENT: 1/4" in blow died in 12 min.
No return
Bubble to open tool No blow
No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2265.73	118.78	Initial Hydro-static
1	31.55	118.23	Open To Flow (1)
31	26.23	120.31	Shut-In(1)
61	53.90	121.66	End Shut-In(1)
62	24.69	121.66	Open To Flow (2)
92	23.07	122.77	Shut-In(2)
152	72.12	124.47	End Shut-In(2)
153	2181.98	125.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud w/oil spots 100%m	0.04

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Shakespeare Oil Co. LLC

23/13s/31w Gove, Ks

202 W Main St.
Salem IL, 62881

Zerr Trust # 2-23

Job Ticket: 45403

DST#: 4

ATTN: Pat Deenihan

Test Start: 2011.10.10 @ 10:50:24

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
3.00	mud w/oil spots 100%m	0.042

Total Length: 3.00 ft Total Volume: 0.042 bbl

Num Fluid Samples: 0

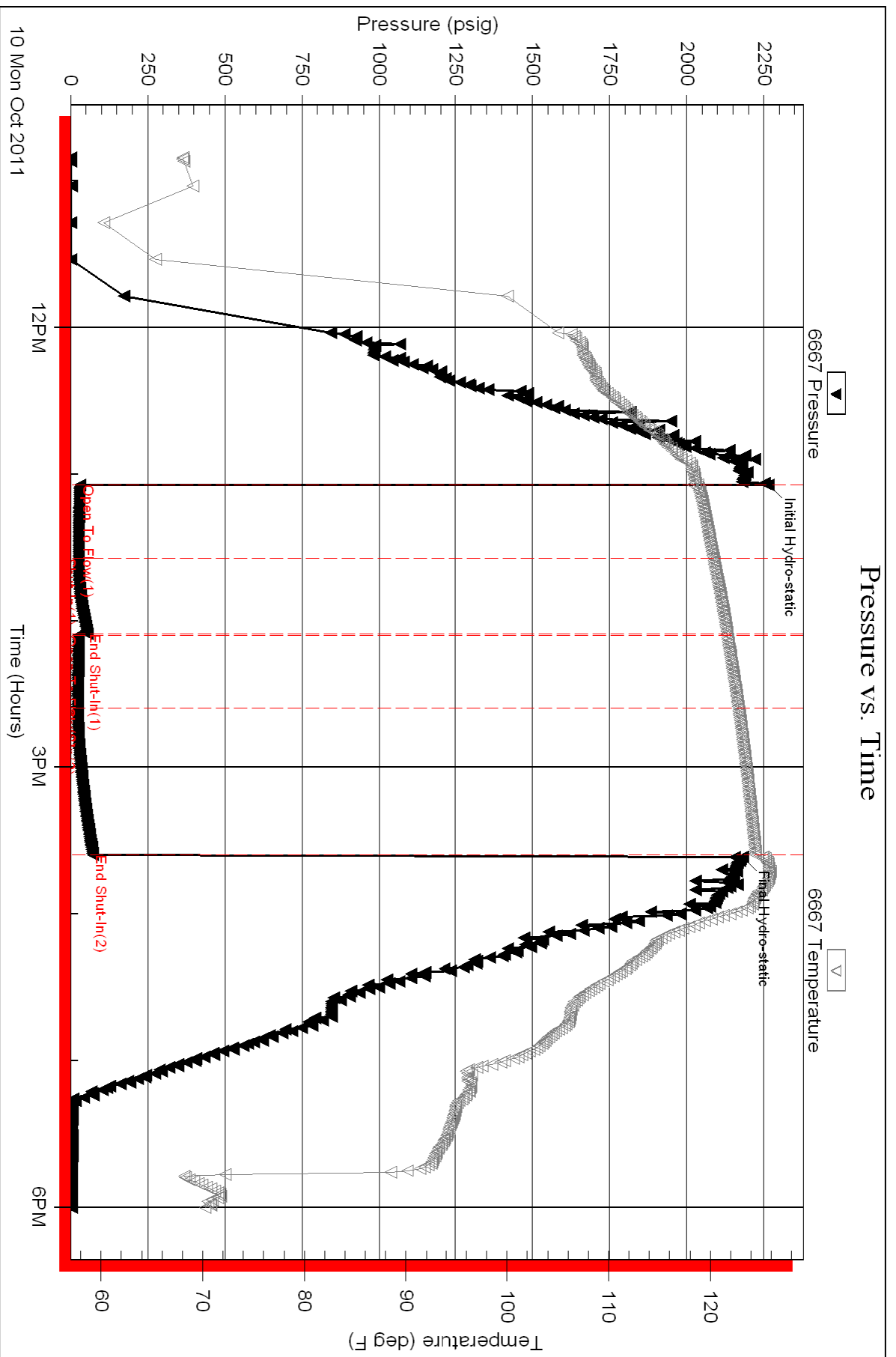
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



PATRICK J. DEENIHAN

Licensed Geologist No. 234

4502 Spyglass Circle

(316) 640-5611

Wichita, KS 67226

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

OPERATOR SHAKESPEARE OIL Co., Inc
 LEASE ZERR TRUST # 2-23
 FIELD ANTELOPE RIDGE EAST
 LOCATION 1700' FSL & 620' FEL
 SEC. 23 TWP. 13 RGE. 31^W
 COUNTY GOVE STATE KANSAS

ELEVATION
 KB 2892'
 DF _____
 GI 2882'
 Measurements Are All
 From 2892 KB

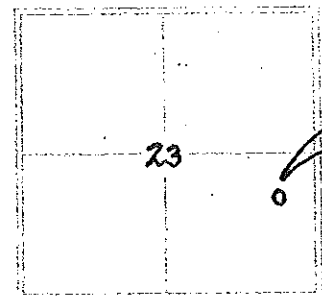
CONTRACTOR VAL ENERGY RIG #7
 COMM. 9-30-11 COMP. 10-11-11
 PAD 4675 LOG TO 4675
 SAMPLES SAVED FROM 3750' TO T.D.
 DRILLING TIME LEFT FROM 3700' TO T.D.
 SAMPLES EXAMINED FROM 3800' TO T.D.
 GEOLOGICAL SUPERVISION FROM 3800 TO T.D.
 MUD #P 3371' TYPE MUD CHEMICAL
 API # 15-063-21944-00-00

CASING RECORD
 SURFACE 8 5/8" SET @
225' W/165
 PRODUCTION N/A

WELL LOG SURVEYS
 CND; DI/SP; PE, MICRO

FORMATION	LOG		SAMPLE		STRUCT. COMP.
	TOP	DATUM	TOP	DATUM	
BASE/ANHYDRITE					
HEEBNER SHALE	3910	(-1018)	3910	(-1018)	
LANSING	3951	(-1059)	3954	(-1062)	
MUNCIE CREEK	4108	(-1216)	4108	(-1216)	
STARK SHALE	4193	(-1301)	4194	(-1302)	
HOSH PUCKNEY	4229	(-1337)	4228	(-1336)	
BASE/Ks. CITY	4266	(-1374)	4266	(-1374)	
PAWNEE	4385	(-1493)	4386	(-1494)	
LOWER CHER. SH.	4472	(-1580)	4471	(-1579)	
JOHNSON ZONE	4516	(-1624)	4515	(-1623)	
MISSISSIPPIAN	4572	(-1680)	4570	(-1678)	

WEATHER FORD



REFERENCE WELL FOR STRUCUTURAL COMPARISON SHAKESPEARE OIL Co., INC.'S
1-23: SEC. 23-13-31^W; 840' FSL & 1220' FEL; GOVE Co., Ks.

REMARKS: IT WAS RECOMMENDED AND AGREED UPON BY ALL PARTIES CONCERNED THAT THIS WELL BE PLUGGED AND ABANDONED ON 10-11-11.

PATRICK J. DEENIHAN

Patrick J. Deenihan
 PETROLEUM GEOLOGIST

LEGEND

Anhydrite	Gull	Sandstone	Slate	Carb. sh	Unconsolid. Coll. Lime	Chert	Dolomite

SCALE 1" = 100'

DEPTH	DRILLING TIME	SAMPLE DESCRIPTION	REMARKS
0	0		
5	5		
10	10		
15	15		
20	20		
25	25		
30	30		
35	35		
40	40		
45	45		
50	50		
55	55		
60	60		
65	65		
70	70		
75	75		
80	80		
85	85		
90	90		
95	95		
100	100		
105	105		
110	110		
115	115		
120	120		
125	125		
130	130		
135	135		
140	140		
145	145		
150	150		
155	155		
160	160		
165	165		
170	170		
175	175		
180	180		
185	185		
190	190		
195	195		
200	200		
205	205		
210	210		
215	215		
220	220		
225	225		
230	230		
233.0	233.0		

3800

50

SH, BLACK CARB

LS, WHIT, CRM - SING - FO-XLN, CHALKY
TRC OF P-FSSL, SILTY GRAY SH

SH & VN-G-SS - GRAY SILTY; LS (A)

LS, WHIT, LT GRAY - FN-XLN, SIL - FSSL
ABUND CHALKY

LS, WHIT - SING - P-FSSL & CHALKY

LS, (A) R

LS, WHIT, LT GRAY - DEESE-XLN - P-FSSL
CHALKY W/DEPTH

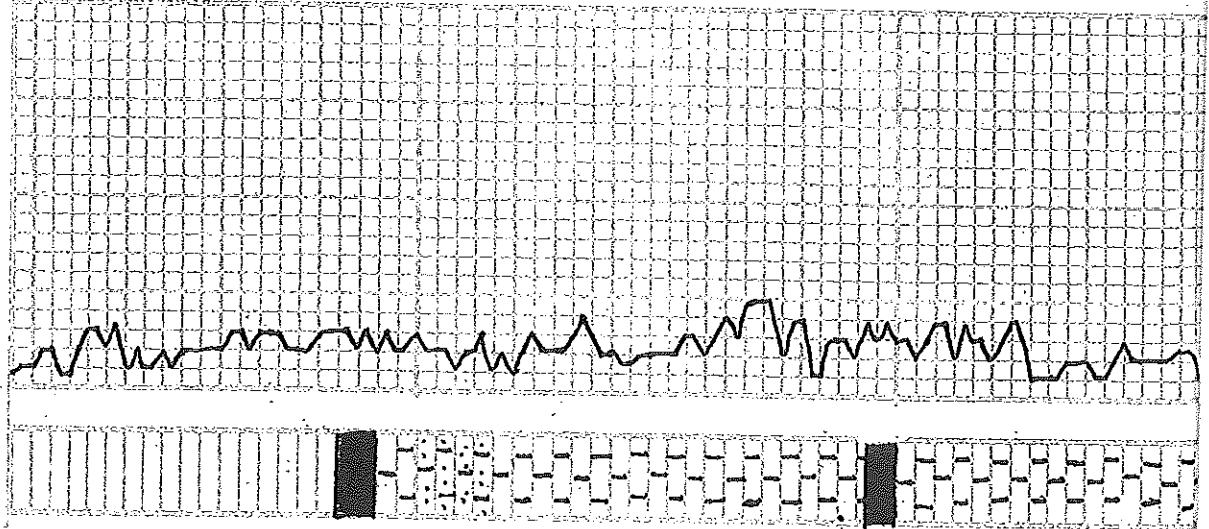
LS, LT-GRY, CRM - SING - P-OOB & CHALKY

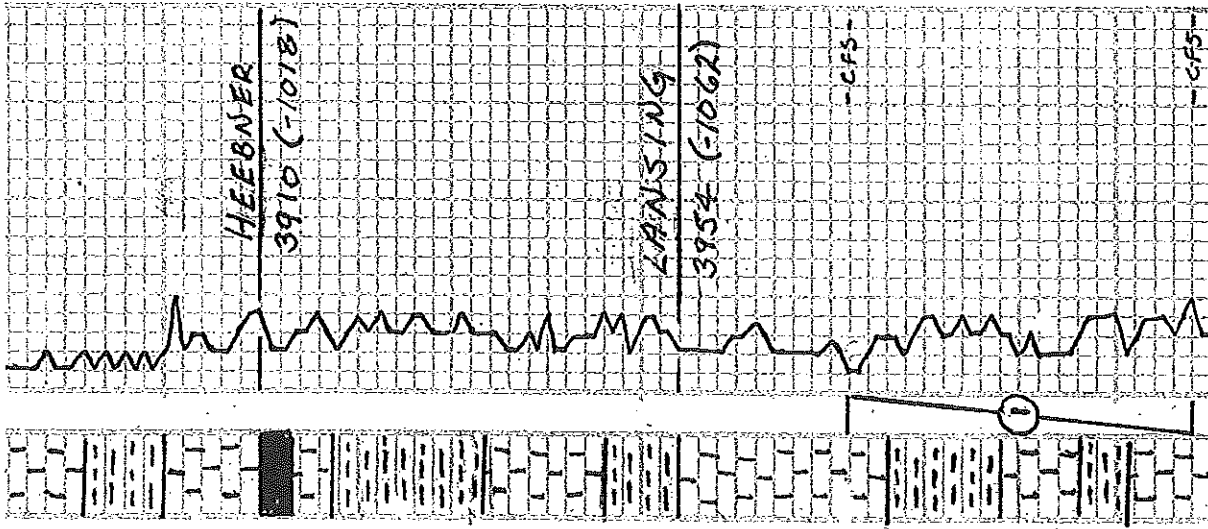
SH, BLACK CARB

LS, WHIT, LT GRAY & CRM - SING - CHALKY
P-FSSL

LS, WHIT, LT GRAY - SING - FO-XLN, SILT
FSSL & CHALKY

LS, WHIT - SING - FO-XLN & CHALKY





3900

50

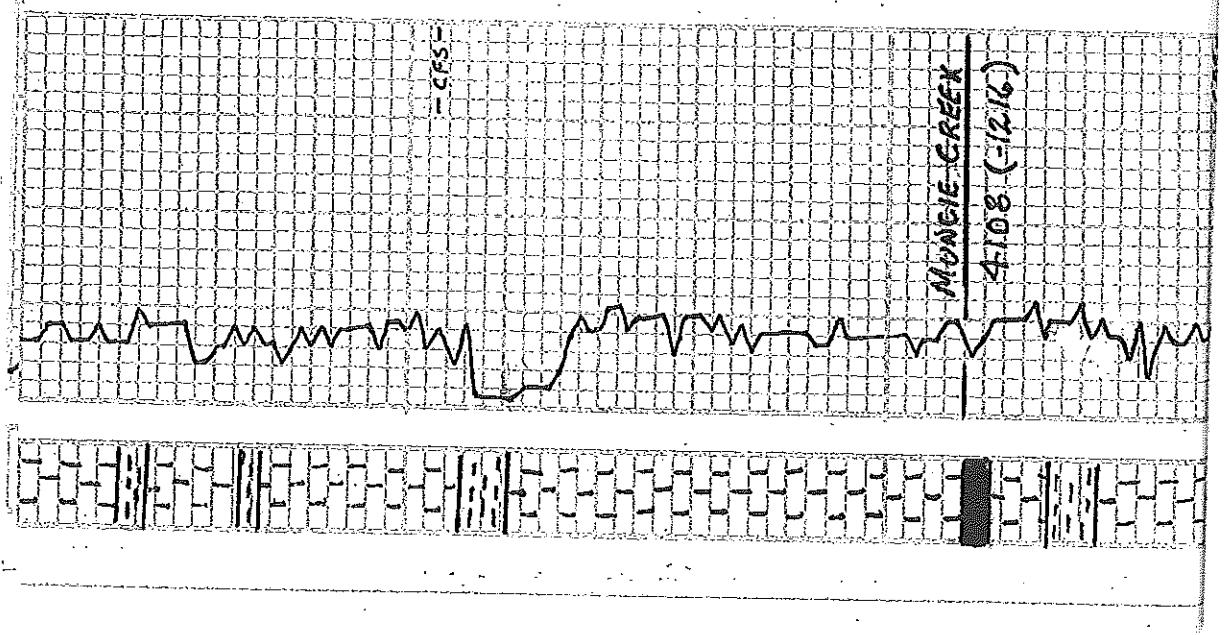
4000

SH., RED. GRY. - SLI - VARI - COLOR
 LS., WHT. CRM. - SIMG. - FSSL - EN-XLN
 P. INTER-YUN. - CHALKY
 SH., BLACK CARB.
 SH., GRN. GRY. & BRNS.
 LS., WHT. CRM. LT. GRY. - FSSL - CRMPD
 XLN TO CHALKY - NO SHOW
 SH., GRY., BRN., GRN. - ARGIL
 LS., WHT. CRM. TRC. OF GRY. - SIMG. TO
 XLN - SLI - FSSL - SUB-CHALKY
 NO SHOW
 LS., R/P. WITH INCR. IN CHALK
 SH. - GRY. - GRN. - BRN. - ARGIL
 LS., WHT. CRM. - SIMG. - FSSL (OD) FA-XLN
 CHALKY (D) DEPTH - F-G. SLED - BRN
 TO BLK - FAIR ODR. - SEAT - BRIGHT
 GOLD TO DULL FLDR
 SH., VARI. COLOR
 LS., GRN. SIMG. - EN-XLN - FSSL - SLI - ODL
 P-SILO (PRE. BLACK) - FRINT. ODR
 CHALKY (D) DEPTH

* PLEASE NOTE: SHORT TRIP WAS
 PULLED TO SURFACE CS9 - PULLED
 TITR ALL THE WAY.

DST # 1 3972 - 4008
 15 - 30 - 30 - 40
 IF: 608 IN 13" - NO BLOW BACK
 FF: 608 IN 20" - NO BLOW BACK
 REC: 434' WTR (95% WTR - 5% M)
 IHP: 1948 FHP: 1903
 IFP: 25-98 FFP: 106-219
 ISIP: 1171 FSIP: 1150
 CHL: 48,000 CNL: 2-300 (SYS)
 BNT: 124

PIPE STRAP: 4.39' SHORT TO BOARD
 V-HIGH WINDS
 DEV: 340
 VLS: S1 WT: 9.1 WL: 7.2



MUNGIE CREEK
4108 (-1216)

-CFS-

4100

LS, DHT-CRM-SING-TO-XND-CHALKY
SH, GRAY TO SLI-VARI-COLOR

LS, DHT-SING-SLI-FSSL-ABUND
CHALK-SAMPLES WASHES DHT
LINE OF BLK OIL STN ON EDGES
OF SLI-CHERT LS. NO ODR-NO
FLUOR-DRY SAMPLES LOOK V. CHALKY
SH, VARI-COLOR

LS, LIGRY-GRY-SING/SLI-MDT-
V-FSSL-PRED. ODR TO ODR. #
V-CHALKY-NO SHOW

LS, DHT-GRY-FSSL (COOL ODR) - MITIGER
STN - CHALKY (W) DEPTH

SH, BLK, GRY, BRN, DRG, GRN-ARGIL

LS, CRM-TAN-SING-V-FSSL-ABUND. ODR
TRACER OF ODR TO BRN. NO SHOW

LS, CRM-TAN-SING-V-FSSL (ABUND-
ODR & CHALK LS. NO SHOW

LS, TAN-SING-FSSL (ODR) P-PO-XND
CHALKY

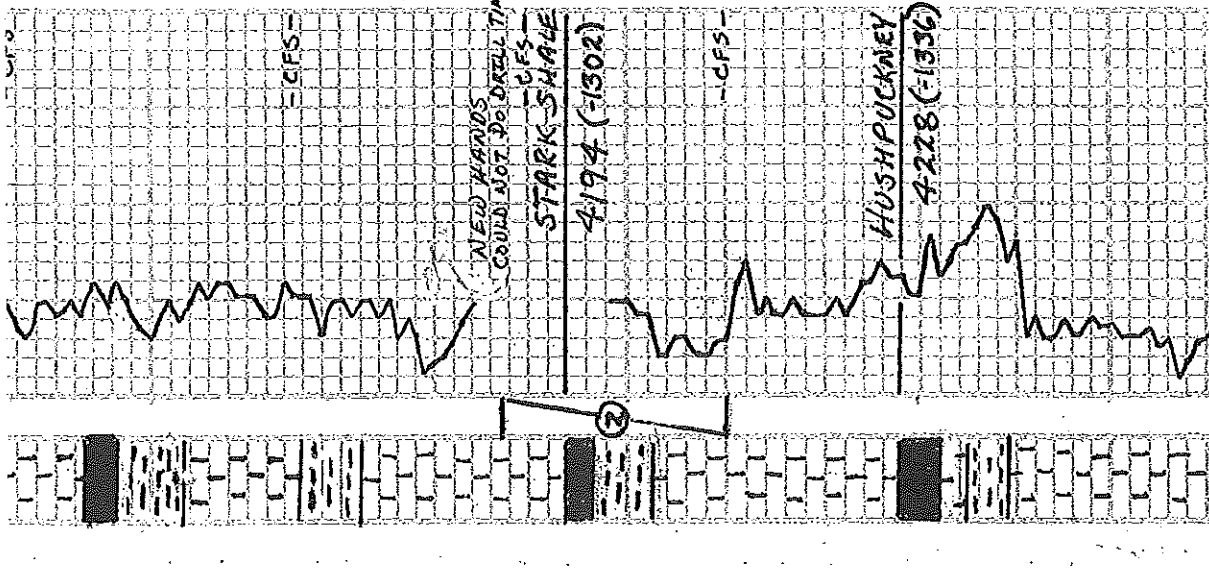
SH, BLACK CARB

LS, DHT-SING-CHALKY. DHT OPAQUE
FSSL-CHERT (FRESH) NO-SHOW

SH, BLACK, GRY-SOME GRN-ARGIL

LS, DHT-GRY-SING-TO-XND-FSSL
CHALKY NO-SHOW

CHL; 2300 LCM; 1R



SH, BLACK CARB

SH, BLACK CARB, GR, BRN GRN - ARGIL

LS, WHT GRM TAN GRY-SING FAN-FA - FSSL COOL - CRYPTO-XLN-50% - CHALKY W/DEPTH - TRC OF DRAD - OIL STN ON EDGES OF V-FEWDERS - NO OOR - NO FLOOR

SH, BLACK GRY-S-ARGIL, TRC OF BRN-GUMWAY

LS, WMT STN 9 - CHALKY TO FO-XLN

LS, GRM GRY-SING - FSSL-FLOOD OF DEEP DOC - W) XLN VUG 9 - BARREN - NO FLOOR - NO OOR

LS, WHT GRY-SING/CHALKY TO - V - FO 2 CRYPTO-XLN 9 - SLT-CHERTY - WHT - OPARUE - NO SHOW

SH, BLACK CARB

SH, FLOOD OF BLACK CARB

LS, GRM TAN BRN - SING/MOTT-FN-XLN - FSSL-COOL TO SLT-OC SU-SLO - STONY GSSY OOR P - SEAT-FLOOR - CARED. DILL

LS, WHT LT GRY-CHALKY TO V-P-FN - XLN - NO SHOW

LS, TAN BRN - MOTT - FO-XLN - SLL OOL - FSSL - DENSE CRYPTO-XLN

SH, BLACK CARB

SH, - VAR - COOR

LS, WHT, LT GRY - FN-XLN - CHALKY

LS, WHT GRY-SING/MOTT - ABOVE - CHALK - TRC OF OOR - MICR - OOL, CRYPTO TO VP - FN-XLN - NO SHOW

LS, (A, A, W) P-FSSL COOL TO INTER - OOR - P - NO SHOW

V/S: 46 WT: 9.2 WL: 8.8
 CHL: 2500 LCM: 1A

V/S: 51 WT: 9.1 WL: 9.2
 CHL: 2800 LCM: 1A

DST # 2 4187 - 4210
 30 - 45 - 45 - 90
 IFF: 808 IN 13" - NO BLOWBACK
 FFP: BOB-IN-WASH - 3" BLOWBACK

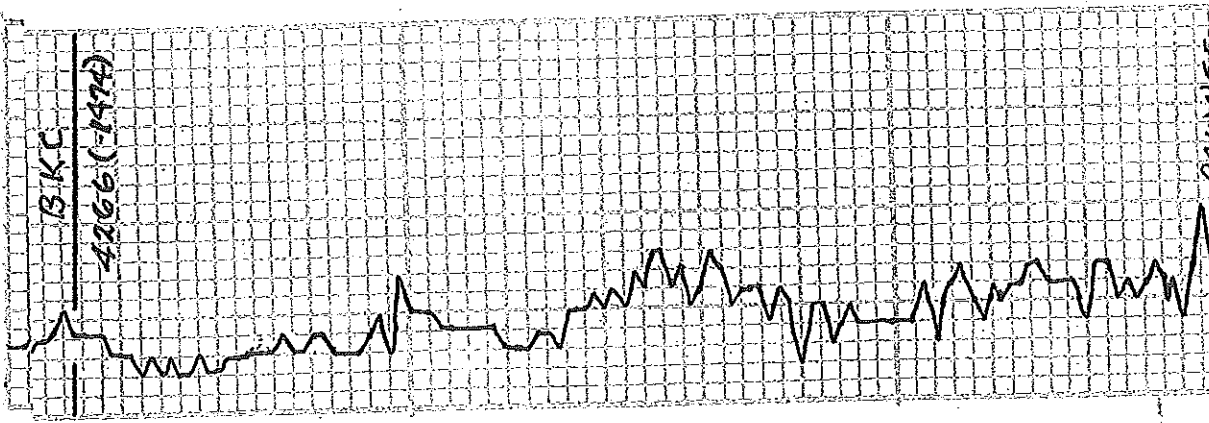
REC: 235' WIK 9IP; 45' C4.0 (5% G - 95% OIL); 80' W/O CM (TRC OF 9 - 30% OIL - 20% WTR - 50% M); 60' M & W (TRC OF OIL - 80% WTR - 20% MUD)

IMP: 2075 FHP: 2027
 IFF: 27-50 FFP: 58-96
 ISIP: 1190 FSIP: 1196
 BHT: 1270 GRAB: 30
 CHL: 48,000 CHL: 2500 (SFS)

4200

50

B.K.C.
4266(-1474)



DOWN

4300

50

SH, GRY-BRN

SH, BLACK CARB - SLI-VARI-COLOR

LS, GRY-SING - FN-XLD

SH, BLACK, GRY'S, GRN, BRN - AR914

✓

LS, WHT, LT GRY - SING - FN-XLD, ESSE
SUB-CHALKY

SH, BLACK CARB & GRY - AR914

LS, GRN - LT GRY - SING / MOTT - XLD
TO - CRYPTO - XLD

SH, GRY TO SLI - VARI-COLOR

LS, WHT - LT GRY - DENSE CRYPTO -
XLD TO V-SLI - F-SSB - SLI
CHERTY

✓

SH, VARI-COLOR

LS, LT GRY TO TAN - SING / MOTT -
CRYPTO - XLD - NO SARD

SH, VARI-COLOR

LS, WHT, LT GRY - SING - CRYPTO - XLD

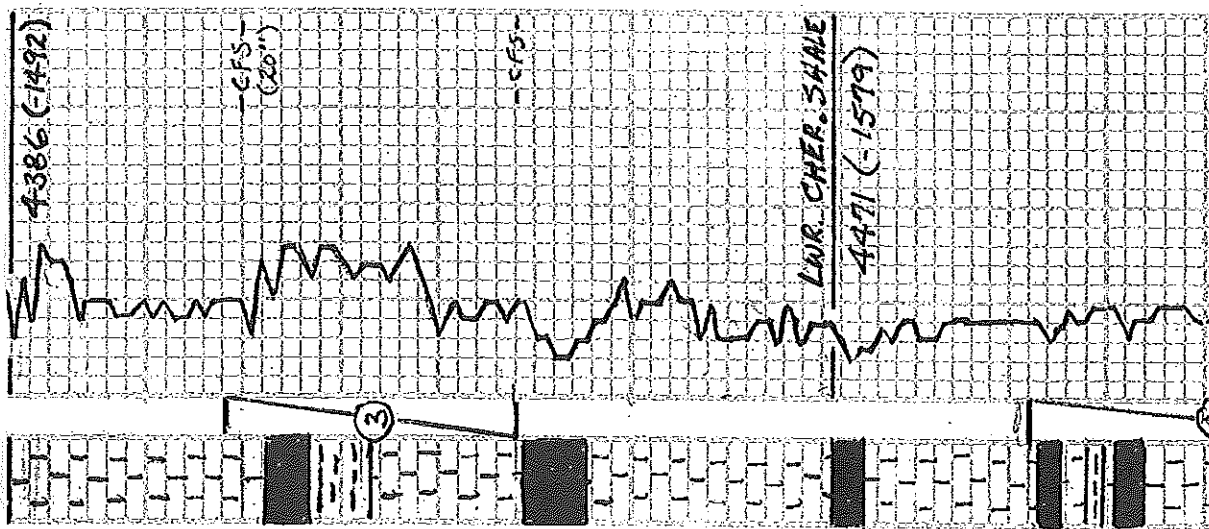
LS, A/D SUB-CHALKY TO F-SSB
DEATH

SH, GRY'S - AR914

LS, WHT, GRN, LT GRY - FN-XLD TO
DENSE XLD - NO SARD

SH, BLACK CARB

WORK ON DRAW WORKS - ENGINES
DIED.



4400

4500

LS, LINT. AT. GRAY-SING/MOTT - ABOVE
 PRT. GRAY-FRESH CRAGUE D.
 FSSL - W. CRYPTO-XLN

LS, (A) (A) (N) TRC OF P-CRM-FSSL
 CHERN LS.

SH, BLACK CARB

SH, BLECK CARB, GRAY TO DK GRAY

LS, SEA-GRY - MOTT - CRYPTO XLN

LS, CRM-TAN GRAY-SING/MOTT - P-F INTER
 XLN - SUB-CHEM - SLED - V-F AINT
 PDR - BRN HT. OLD SPOTTY-FLUR
 TRC OF SHALLOW VUGS IN A FEW
 PDS - COULD BE THE BULL'S HEAD
 SH, BLACK CARB

LS, CRM-TAN AT GRAY-SING/MOTT - FINE
 FSSL - No SHOW

LS, CRM-TAN-SING/MOTT - SUB-FSSL -
 CRYPTO-XLN TO MICRO-XLN - SLL -
 FSSL - P-502 - No SHOW

LS, (A) (A) (N) INCR IN CHAR (D) DEPTH

SH, BLACK CARB

LS, LINT. AT GRAY-SING - DEASE-MA
 CRYPTO-XLN TO MICRO-XLN - SLL -
 FSSL - P-502 - No SHOW

LS, CRM-TAN-SING/MOTT - FINE-MA TO
 SUB-CHEM, SUB-CHALKY (D) DEPTH
 No SHOW

SH, BLACK CARB

SH, GRAY-SING-MOTT - A-BAIL

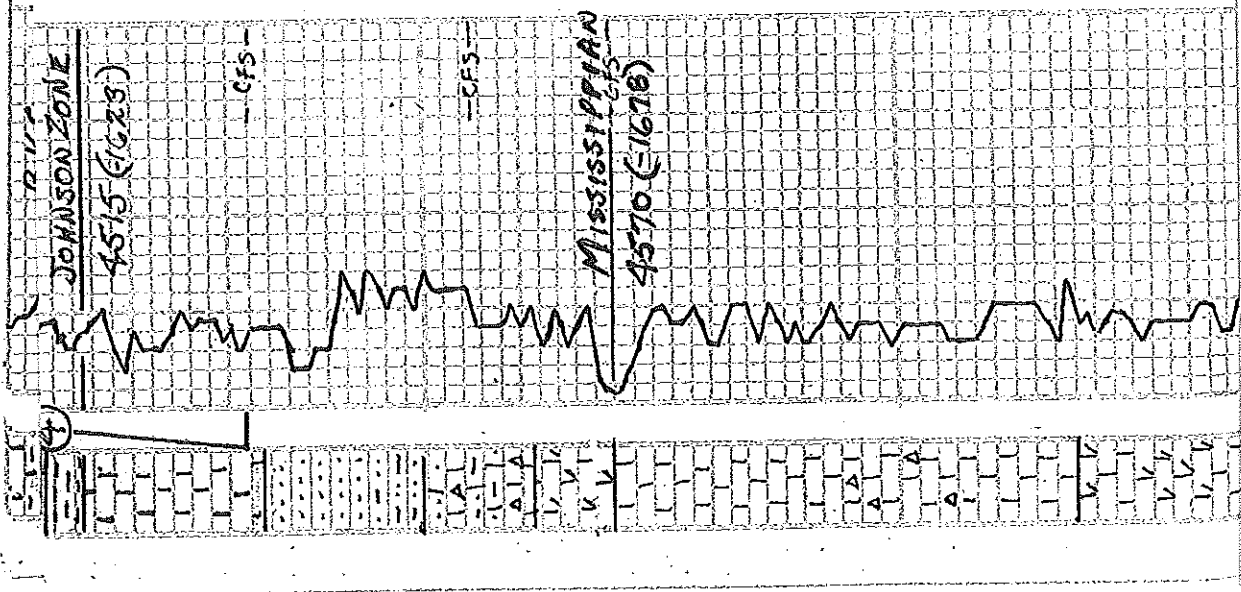
SH, BLACK CARB

LS, LINT. CRM - FINE-XLN TO V-SU - FSSL

VIS: 51 WT: 9.2 WL: 3.8
 CHL: 2500 LCM: 2

DST # 3 4408-4438
 30-30-30-30
 IF: WK BLOW DIED IN 6" No B.B
 FF: No-BLOW - No-BLOW BACK
 REC: 1' MUD FHP: 2104
 IEP: 2180 FFP: 23-20
 ISIP: 24 FSIP: 20
 CHL: 2500 BHT: 1210

DST # 4 4492-4532
 30-30-30-60
 IF: 1/4" BLOW DIED IN 12" No B.B.
 FF: BOBBIE TO OPEN TOOL - No B.B
 REC: 3' MUD (W) OIL SPTS.
 IHP: 2265 FHP: 2181
 IEP: 21-21 FER: 2A-22



NO SHOW

23. CRM TAN GRV - SING - FA - KLN - F-INTL
 XLA - CHEATY - FSLD, IN SHALLOV
 VUG - STRONG OOR - SUB - TO BLSAT
 OR STAL IN BRS - BRIGAL TO
 DULL COLOR, SLI - CHALKY

24. BLK, GRV, BRN - ARGIL (GRN-SILT)

25. WHT - SING - FU - GRN - SORTED TO DOLL
 SORTED - SUB - ARG - SUB AND CALC MATR
 (NO SHOW)

26. WHT; MUSTARD CLAUCAITIC - FU - MID
 GRN - RD TO SOB - ARGIL, SHALV
 IN PART - TRC OF SS - A - NO SHOW

27. SS - CHERT; DMT TAN TO FRESH DPAQUE
 CHERT - ABUNDANT WHT (50%) RA SS -
 FRIABLE TO A - FRIBLE - NO SHOW - SILL
 CARRYING MUSTARD F. GRADU ED TO MED
 GRN - TITE - NO FR - SS - SILL - DOLOMITR

28. DMT TAN (D) ABOVE DMT CHALKY
 45, TRS OF FRESH AT 9 FT A

29. WHT - LT GRV - F-INTL TO CHALKY
 NO SHOW

30. VARI-COLOR

31. DMT - LT GRV - TO XLA CHALKY
 TRC OF FSLD TO FRESH CHERT

32. DMT GRV - SING / HOTT - CRIPID - SLI
 SLI - BOLDING

FSIP: 72 CHL: 2000 (SIS)
 ISIP: 53
 BHT: 126°

VIS: 53 WT: 9.2 WL: 6.4
 CHL: 2800 LCM: 2#

VIS: 52 WT: 9.3 WL: 7.2
 CHL: 3000 LCM: 2#

4600

<p>RTD 4675</p>	<p>REACHED 2</p> <p>11:20 A.M.</p>
<p>45. GRV-MOTT-1A-XA-SU-FSS1</p> <p>CHARACT-326-2000-No Show</p>	<p>SURVEY = 1/4</p>
<p>4700</p>	

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

November 22, 2011

Donald R. Williams
Shakespeare Oil Co., Inc.
202 W MAIN ST
SALEM, IL 62881-1519

Re: ACO1
API 15-063-21944-00-00
Zerr Trust 2-23
SE/4 Sec.23-13S-31W
Gove 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,
Donald R. Williams