



KANSAS CORPORATION COMMISSION 1107176
OIL & GAS CONSERVATION DIVISION

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 # 33491
Name: King, Rodney L. dba King Oil Operation
Address 1: 1746 150th Ave.
Address 2: _____
City: ELLIS State: KS Zip: 67637 + 9300
Contact Person: Rodney L. King
Phone: (785) 726-3498
CONTRACTOR: License # 5184
Name: Shields Oil Producers Inc.
Wellsite Geologist: Clifford Ottaway
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 #: _____

<u>08/28/2012</u>	<u>09/03/2012</u>	<u>09/03/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-051-26365-00-00

Spot Description: _____

NE SE SW NE Sec. 11 Twp. 13 S. R. 20 East West
2235 Feet from North / South Line of Section
1565 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: Ellis

Lease Name: KING Well #: A-1

Field Name: Werth South East

Producing Formation: Lansing

Elevation: Ground: 2089 Kelly Bushing: 2092

Total Depth: 3821 Plug Back Total Depth: 3820

Amount of Surface Pipe Set and Cemented at: 220 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: 0 ppm Fluid volume: 160 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: _____

Operator Name: BLACKHAWK PRODUCTION CO.

Lease Name: Rural Brull Shro License #: 32504

Quarter NW Sec. 30 Twp. 14 S. R. 8 East West

County: Ellis Permit #: 26000-232

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: Deanna Garrison Date: 01/16/2013



1107176

Operator Name: King, Rodney L. dba King Oil Operation Lease Name: KING Well #: A-1
Sec. 11 Twp. 13 S. R. 20 East West County: Ellis

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 (Attach Additional Sheets) Samples Sent to Geological Survey Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy) List All E. Logs Run: Radiation Guard Log

CASING RECORD Table with columns: 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. Includes entry for Surface Pipe.

ADDITIONAL CEMENTING / SQUEEZE RECORD Table with columns: Purpose, Depth Top Bottom, Type of Cement, # Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type Table with columns: Shots Per Foot, Specify Footage of Each Interval Perforated, Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used), 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), Estimated Production Per 24 Hours (Oil, Gas, Water, Bbls., Mcf, Gas-Oil Ratio, Gravity).

DISPOSITION OF GAS (Vented, Sold, Used on Lease), METHOD OF COMPLETION (Open Hole, Perf., Dually Comp., Commingled, Other), PRODUCTION INTERVAL.

QUALITY WELL SERVICE, INC.

5575

Federal Tax

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410
Office / Fax 620-672-3663

Rich's Cell 620-727-3409
Brady's Cell 620-727-6964

Date	8-29-12	Sec.	11	Twp.	13	Range	20	County	Ellis	State	KS	On Location		Finish	2:45-3:15pm
Lease	King	Well No.	A-1			Location Yocemento, KS 3W 1N Winto									
Contractor	Sheilds Drilling					Owner									
Type Job						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.									
Hole Size	12 1/4	T.D.	220												
Csg.	8 5/8	Depth	220												
Tbg. Size		Depth													
Tool		Depth													
Cement Left in Csg.	15 ft	Shoe Joint													
Meas Line		Displace	13.05 bbl			The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Amount Ordered													150sx com 3% CC 2% gel		
EQUIPMENT															
Pumptrk	No.	8	addy		Common 150										
Bulktrk	No.	4	sean		Poz. Mix										
Bulktrk	No.				Gel. 3										
Pickup	No.				Calcium 5										
JOB SERVICES & REMARKS															
Rat Hole	Hulls														
Mouse Hole	Salt														
Centralizers	Flowseal														
Baskets	Kol-Seal														
D/V or Port Collar	Mud CLR 48														
	CFL-117 or CD110 CAF 38														
	Sand														
	Handling 158														
	Mileage 10														
FLOAT EQUIPMENT															
	Guide Shoe														
	Centralizer														
	Baskets														
	AFU Inserts														
	Float Shoe														
	Latch Down														
	8 5/8 rubber plug														
	Pumptrk Charge Surface														
	Mileage 10														
Thank You!!															
Signature <i>[Signature]</i>															
															Tax
															Discount
															Total Charge

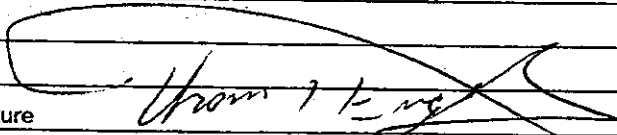
QUALITY OILWELL CEMENTING, INC.

F

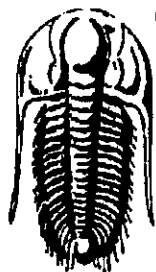
Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 730

Date 9-3-12	Sec. 11	Twp. B	Range 20	County E, 1115	State KS	On Location	Finish 4:00 AM
Lease King		Well No. 441		Location Yocement and 40 W to ISO 34 N Westmo			
Contractor Seibels				Owner To Quality Oilwell Cementing, 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 Plug		T.D. 3820		Charge To King Oil			
Hole Size		Depth 3737		Street			
Csg.		Depth		City			
Tbg. Size		Depth		State			
Tool		Depth		City			
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 245 98 480 480 480			
EQUIPMENT							
Pumptrk 5	No.	Cementer Matt		Common 147			
Bulktrk 10	No.	Driver Brent		Poz. Mix 95			
Bulktrk 10	No.	Driver Coody		Gel. 9			
JOB SERVICES & REMARKS							
Remarks:				Calcium			
Rat Hole 30 545				Hulls			
Mouse Hole 15 545				Salt			
Centralizers				Flowseal 60#			
Baskets				Kol-Seal			
D/V or Port Collar				Mud CLR 48			
				CFL-117 or CD110 CAF 38			
				Sand			
				Handling 254			
				Mileage			
FLOAT EQUIPMENT							
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Wood Plug			
				Pumptrk Charge Plug			
				Mileage 12			
 X Signature				Tax Discount Total Charge			

1st 3737 @ 545 25
 2nd 1440 @ 545 29
 3rd 670 @ 545 100
 4th 270 @ 545 40
 5th 40 @ 545 10



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **King Oil Operations**

696 D Fairground Rd
Ellis KS 67637

ATTN: Cliff Ottaway

King #A-1

11-13s-20w Ellis,KS

Start Date: 2012.09.03 @ 13:10:05

End Date: 2012.09.03 @ 19:34:29

Job Ticket #: 49303 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.09.10 @ 15:31:34

King Oil Operations

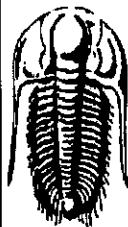
11-13s-20w Ellis,KS

King #A-1

DST # 1

Arbuckle

2012.09.03



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

King Oil Operations

11-13s-20w Ellis,KS

696 D Fairground Rd
Ellis KS 67637

King #A-1

Job Ticket: 49303

DST#: 1

ATTN: Cliff Ottaway

Test Start: 2012.09.03 @ 13:10:05

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:37:30

Time Test Ended: 19:34:29

Test Type: Conventional Straddle (Initial)

Tester: Andy Carreira

Unit No: 39

Interval: **3750.00 ft (KB) To 3772.00 ft (KB) (TVD)**

Reference Elevations: 2092.00 ft (KB)

Total Depth: 3820.00 ft (KB) (TVD)

2087.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8372 Outside

Press@RunDepth: 206.00 psig @ 3756.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.03

End Date: 2012.09.03

Last Calib.: 2012.09.03

Start Time: 13:10:05

End Time: 19:34:29

Time On Btm: 2012.09.03 @ 14:36:50

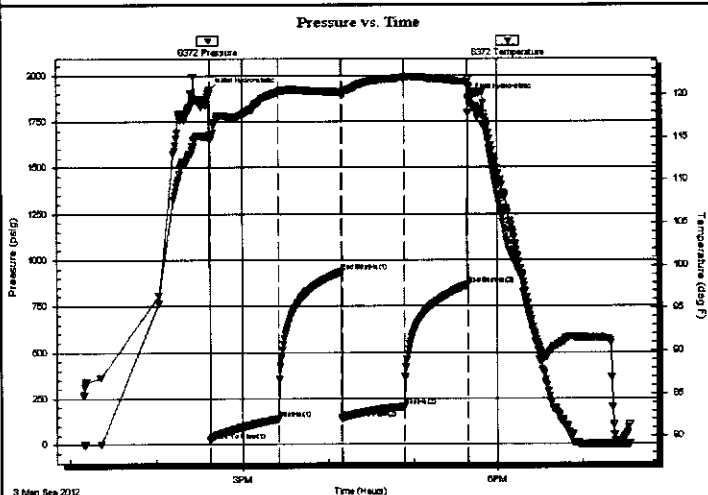
Time Off Btm: 2012.09.03 @ 17:39:39

TEST COMMENT: IF:(45min) 3" blow in 5 min. 3.5" in 15 min. Decreased to 2.5"

ISl:(45min) Return Surface Blow . Died in 5 min.

FF:(45min) 2" Blow in 13 min. Decreased to 1.5"

FSl:(45min) Return Surface Blow . Died in 4 min.



PRESSURE SUMMARY

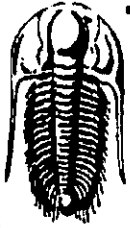
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1917.53	115.27	Initial Hydro-static
1	23.27	114.66	Open To Flow (1)
49	139.87	120.35	Shut-In(1)
92	935.59	120.37	End Shut-In(1)
93	143.29	119.96	Open To Flow (2)
137	206.00	122.07	Shut-In(2)
182	865.02	121.53	End Shut-In(2)
183	1880.21	121.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
425.00	MW	3.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

King Oil Operations
696 D Fairground Rd
Ellis KS 67637
ATTN: Cliff Ottaway

11-13s-20w Ellis,KS
King #A-1
Job Ticket: 49303 **DST#: 1**
Test Start: 2012.09.03 @ 13:10:05

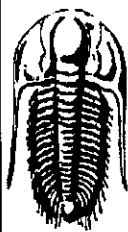
Tool Information

Drill Pipe:	Length: 3341.00 ft	Diameter: 3.80 inches	Volume: 46.87 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 405.67 ft	Diameter: 2.70 inches	Volume: 2.87 bbl	Weight set on Packer: 26000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 56000.00 lb
		Total Volume: 49.74 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	16.67 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3750.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	3772.00 ft			
Interval between Packers:	22.00 ft			
Tool Length:	94.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3731.00	
Shut In Tool	5.00			3736.00	
Hydraulic tool	5.00			3741.00	
Packer	5.00			3746.00	20.00 Bottom Of Top Packer
Packer	4.00			3750.00	
Stubb	1.00			3751.00	
Perforations	5.00			3756.00	
Recorder	0.00	8017	Inside	3756.00	
Recorder	0.00	8372	Outside	3756.00	
Perforations	11.00			3767.00	
Blank Off Sub	1.00			3768.00	
Blank Spacing	4.00			3772.00	22.00 Tool Interval
Packer	5.00			3777.00	
Perforations	5.00			3782.00	
Change Over Sub	1.00			3783.00	
Recorder	0.00	8647	Below	3783.00	
Drill Pipe	32.00			3815.00	
Change Over Sub	1.00			3816.00	
Perforations	5.00			3821.00	
Bullnose	3.00			3824.00	52.00 Bottom Packers & Anchor

Total Tool Length: 94.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

King Oil Operations

11-13s-20w Ellis,KS

696 D Fairground Rd
Ellis KS 67637

King #A-1

Job Ticket: 49303

DST#: 1

ATTN: Cliff Ottaway

Test Start: 2012.09.03 @ 13:10:05

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:

14000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
425.00	MW	3.144

Total Length: 425.00 ft

Total Volume: 3.144 bbl

Num Fluid Samples: 0

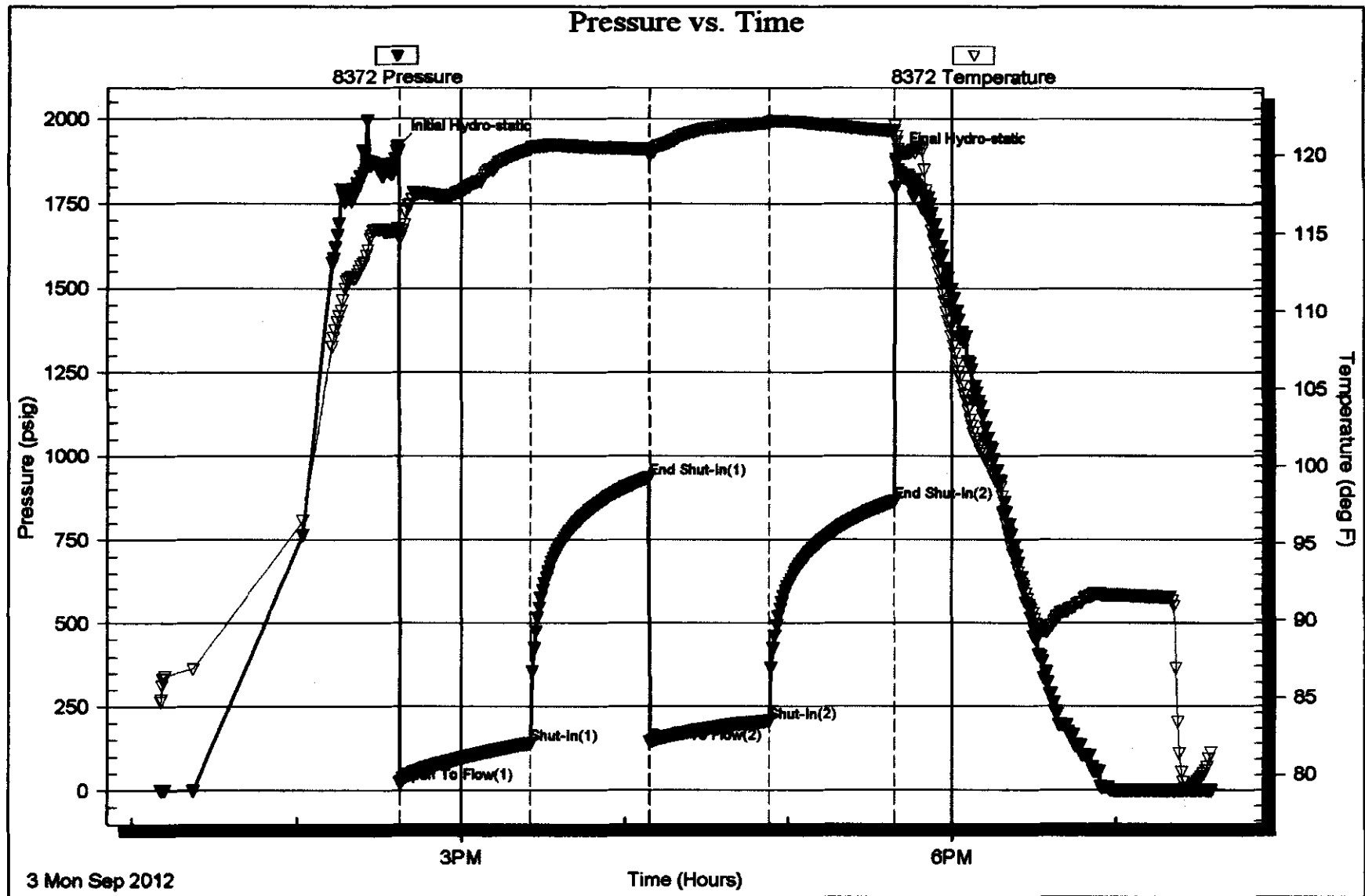
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

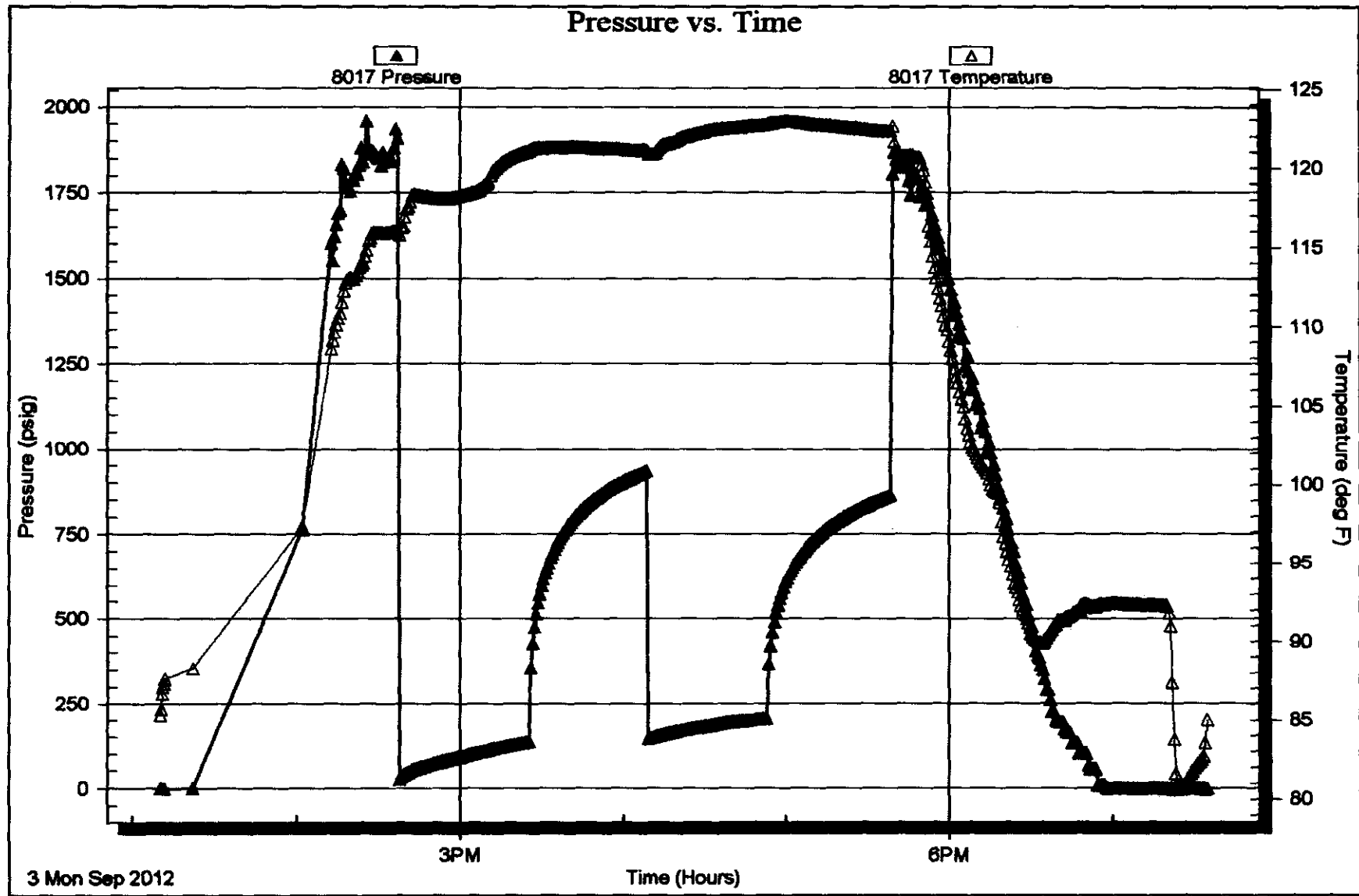


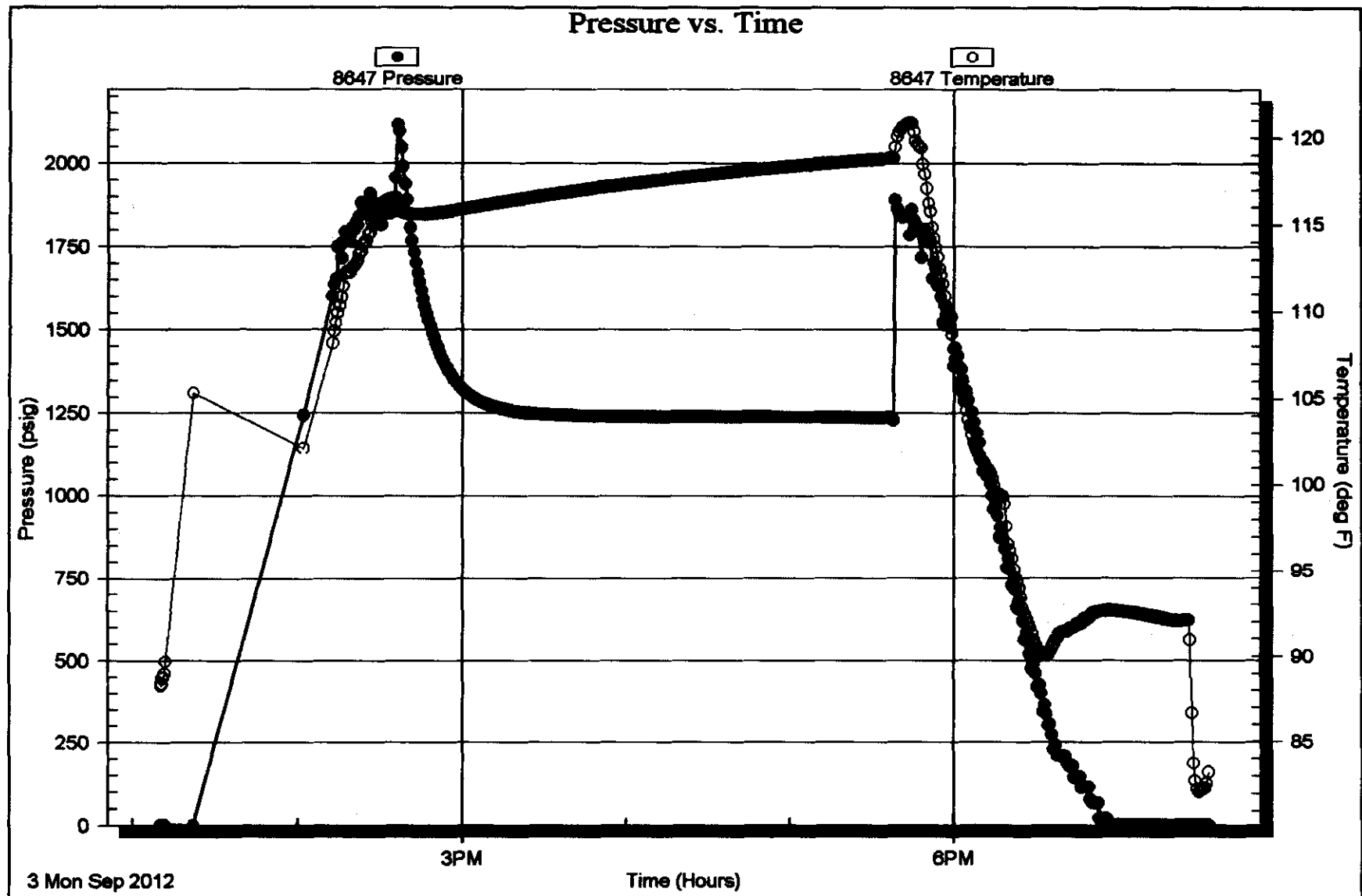
Serial #: 8017

Inside King Oil Operations

King #A-1

DST Test Number: 1







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49303

Well Name & No. KING #A-1 Test No. 1 Date 9-13-12
 Company KING OIL OPERATIONS Elevation 2092 KB 2087 GL
 Address 696 D FAIRBANKS RD #415 Ellis KS 67637
 Co. Rep / Geo. CLIFF O'HANLEY Rig SHIELDS #2
 Location: Sec. 11 Twp. 13S Rge. 20W Co. ELLIS State KS

Interval Tested 3750-3772 Zone Tested Neback 12
 Anchor Length 22 Drill Pipe Run 3341 Mud Wt. 8.7
 Top Packer Depth 3750 Drill Collars Run 0 Vis 60
 Bottom Packer Depth 3772 Wt. Pipe Run 405.67 WL 8.0
 Total Depth 3820 Chlorides 2000 ppm System LCM TR

Blow Description EF: 3" blow in 5 min. 3 1/2" in 15 min. Decreased to 2.5"
ES: Return surface blow. Dred in 5 min.
FF: 2' blow in 13 min decreased to 1 1/2"
FS: Return surface blow. Dred in 4 min

Rec	Feet of	%gas	%oil	%water	%mud
<u>425</u>	<u>Feet of MW</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 425 BHT 121 Gravity API RW .34 @ 90°F Chlorides 14000 ppm

(A) Initial Hydrostatic 1917 Test ← 1150 T-On Location 12:01
 (B) First Initial Flow 23 Jars _____ T-Started 13:10
 (C) First Final Flow 139 Safety Joint _____ T-Open 14:38
 (D) Initial Shut-In 935 Circ Sub _____ T-Pulled 17:38
 (E) Second Initial Flow 143 Hourly Standby _____ T-Out 19:34
 (F) Second Final Flow 206 Mileage 30RT 46.50 Comments _____
 (G) Final Shut-In 865 Sampler _____
 (H) Final Hydrostatic 1880 Straddle ← 600 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1796.50
 Accessibility _____ MP/DST Disc't _____

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45
 Sub Total 1796.50

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.

CLIFF OTTAWAY

P.O. BOX 494 * HAYS, KS 67601 * 785-628-6900

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY <u>KING OIL Co.</u> LEASE <u>KING A-1</u> FIELD <u>WERTH SOUTHEAST</u> LOCATION <u>2235' FNL 1565 FEL</u> SEC <u>11</u> TWSP <u>13s</u> RGE <u>20w</u> COUNTY <u>ELLIS</u> STATE <u>KANSAS</u>	ELEVATIONS KB <u>2092'</u> DF <u>2090'</u> GL <u>2087'</u> Measurements Are All From <u>N.B.</u>
CONTRACTOR <u>SHIELDS Drilling #2</u> SPUD <u>8-28-12</u> COMP <u>9-3-12</u> RTD <u>3820'</u> LTD <u>3821'</u> MUD UP <u>3000'</u> TYPE MUD <u>CHEMICAL</u>	CASING SURFACE <u>8" @ 217' in 15'</u> PRODUCTION <u>NA-TNA</u> ELECTRICAL SURVEYS <u>R.A.G.</u>

FORMATION TOPS AND STRUCTURAL POSITION



FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION		
				A	B	C
<u>ANHYDRITE</u>	<u>1424'</u>	<u>1418'</u>		<u>+669</u>		
<u>TOPEKA</u>	<u>3122</u>	<u>3120</u>	<u>-1028</u>	<u>-1027</u>		
<u>HEEBNER</u>	<u>3355</u>	<u>3354</u>	<u>-1262</u>	<u>-1261</u>		
<u>TORONTO</u>	<u>3377</u>	<u>3376</u>	<u>-1284</u>	<u>-1283</u>		
<u>LANSING-KC.</u>	<u>3398</u>	<u>3396</u>	<u>-1304</u>	<u>-1302</u>		
<u>BASE-KC.</u>	<u>3650</u>	<u>3650</u>	<u>-1558</u>	<u>-1551</u>		
<u>WARMATON</u>	<u>3688</u>	<u>3690</u>	<u>-1598</u>	<u>-1577</u>		
<u>REWORKED ARE.</u>	<u>3757</u>	<u>3758</u>	<u>-1666</u>			
<u>ARBUCKLE</u>	<u>3771</u>	<u>3770</u>	<u>-1678</u>	<u>-1717</u>		
<u>RT.D.</u>		<u>3820</u>	<u>-1728</u>	<u>-1730</u>		
<u>LT.D.</u>		<u>3821</u>	<u>-1729</u>	<u>-1725</u>		

REFERENCE WELLS FOR STRUCTURE

A	<u>KING OIL Co A-2 NE NE NE 11-19-20</u>
B	
C	

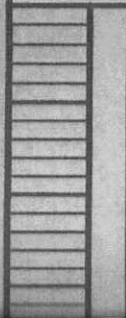
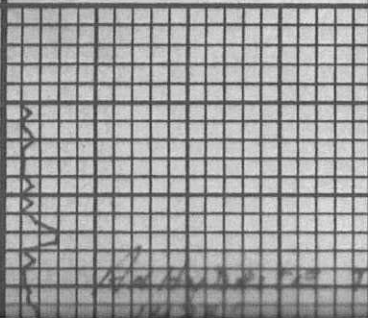
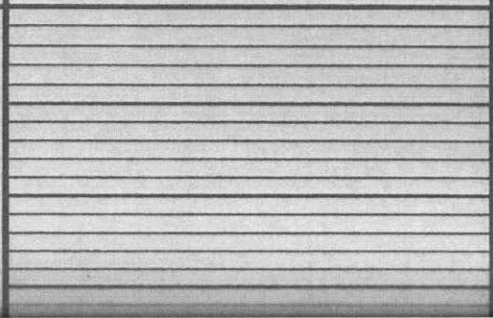

7503

LEGEND

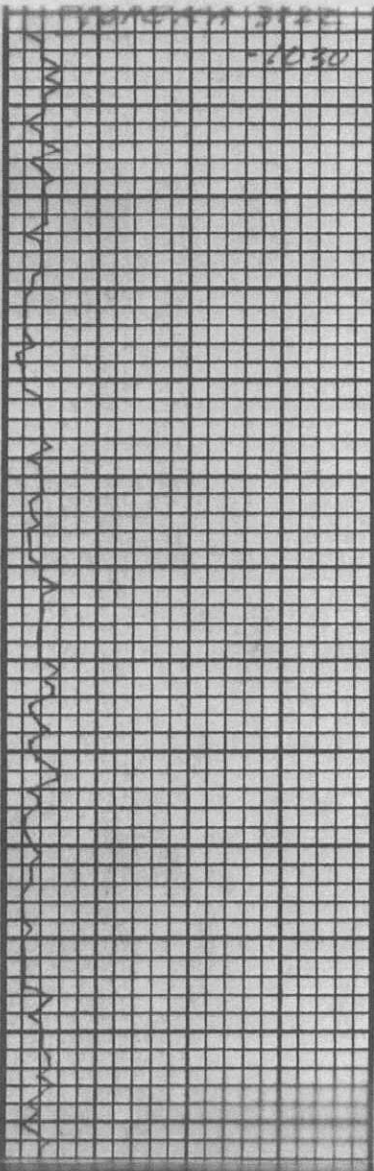
								
Anhydrite	Salt	Sandstone	Shale	Carb sh	Limestone	Ool.Lime	Chert	Dolomite

SCALE " = 100'

LOC 7703

Lithology	Drilling time in minutes	DEPTH	Sample Description	Remarks, drill stem tests, etc.
		<p>1400</p>		

ANHYDRITE TOP



50

3200

LS OFFWH-TAN F-XIN Foss
N.S.

LS OFFWH-GRY F-WXIN
Foss. sl. chalky

LS TAN-GRY F-XIN - Foss
SUSPENS sl. ch. N.S.

sh GRY-BRN

LS WH-OFFWH-FXIN Foss
chalky

A.A.

LS TAN-ITGRY F-XIN
Foss. sl. chalky N.S.

sh GRY-BRN

LS A.A. sl. Aty.

sh. Bk Carb.

LS TAN-F-WXIN Foss

UIS. 53
WT. 8.7

UIS. 50
WT. 8.9

19 wh. OFFWk. F-WXIN
FOSS. SI Chalky NIS

VIS 50
WT. 8.9

19. wh. OFFWk. F-XIN
SI DTY. NIS

sh BK-PEN.

3300

19 OFFWk-TEN-FXIN-
FOSS. SI DTY

VIS. 51
WT 9.0

15 wh. OFFWk. F-WXIN
FT. ORTS T-H ST.
INTERX-PPU Ø

19 wh. OFFWk. F-WXIN
SI. Chalky

NEEDNER 555
1263

50

BK (PART) sh

19 wh FALD NIS

TORONTO 3379

F/1287

LANSING, MI.

3398 - 1306

3400

50

26 - GRAY - BRN

2s wh-OFFwh-FIN
FOSS sl. chalky - N.S.

7h GRAY-BRN

2s wh-OFFwh-F-MIXN
FOSS. T-IT sl. T.F.D.
INTERX Ø

A.H.

2s

~~wh-OFFwh-TAN~~ F-MIXN
FOSS. sl. chalky - T-IT sl.
VPT ORD. INTERX Ø

4h - GRAY - BRN

1s OFFwh-FIN FOSS-
sl. chalky N.S.

sl. GRAY-BRN

1s. OFFwh-TAN F-MIXN
FOSS. N.S.

VIS. 50

WT. 9.3

VIS 48

WT 9.3

1s. OFFwh-TAN F-MIXN

3500

A.A.

A.A.

LS WH. OFFWH. F-WXIN
FOSS. T IT ST.
INTERX 0 st 014

VIS 48
WT. 9.5

50

LS OFFWH. - F-MXIN FOSS
T-IT ST INTERX 0 PV 0
st Gray Area

LS WH. DEFWH. FOSS.
FXIN - st Chalky
T- ST. Tarry RESIDUE
INTERX 0

3600

LS WH - TAN - ITgy. F-WXIN
FOSS st Chalky.

ALL

A.A.

ROSE A.C.
3650 - 1558

50

WARMINGTON
3688 - 1596

3700

sh. BRN-Gry

ls. OFFWH. H. GRAY. FINE
Foss. St. Chalkier A.S.

sh. BRN-Gry

sh. RED. BRN-GRY

VIS. 50
WT 9.2

ls. WH. OFFWH. FINE Foss
Chalkier

ls. WH. OFFWH. FINE Foss
Foss. ATG - T. Fossil
INTERD

AA. INC. AT

sh. RED. BRN

VIS. 49.0
WT. 9.3

sh. BRN

REWORKED AREA
2157 1665

ABANDONED
3771 1677

RFD 3820

50

3800

50

Dol. Whit. F.M.N. SANDY.
Chalky ATG - T. DK ST
Tarry RESIDUE
INTERXPT T. H. ST.

Dol. TAN F.M.N. SUCROSI
F6

Dol. TAN-OFFSH F.M.N
91. ATG - Mostly GARDEN

Dol. Ad.

Dol. Ad.

DST No1 (STRADDLE)
3750-3772

DST No1
45-45-45-45

REC: 425' MW.

I.F: 23-139

FF: 143 206

ISIP: 935

FSIP: 865