



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: Jay Cat 3 Dst 2

TIME ON: 17:22 Sep 16
TIME OFF: 01:49 Sep 17

Company Krier Kirby Oil Inc Lease & Well No. Jay Cat 3
Contractor Southwind Drilling Charge to Krier Kurby Oil Inc
Elevation 1771 sur 1780 kb Formation Arbuckle " Effective Pay _____ Ft. Ticket No. RR085
Date 09/16/2014 Sec. 5 Twp. 18 S Range 10 W County Rice State KANSAS
Test Approved By Client Musgrove Diamond Representative RICKY RAY

Formation Test No. 2 Interval Tested from 3190 ft. to 3247 ft. Total Depth 3247 ft.
Packer Depth 3185 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 3190 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3180 ft. Recorder Number 0062 Cap. 5000 P.S.I.
Bottom Recorder Depth (Outside) 3226 ft. Recorder Number 5954 Cap. 5000 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 61 Drill Collar Length 0 ft. I.D. 2 1/4 in.
Weight 9.1 Water Loss 8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3500 P.P.M. Drill Pipe Length 3167 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number na Test Tool Length 23 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NA Reversed Out NA Anchor Length 57A(24P) ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 xh in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: 1" Blow BOB in 2 1/2 mins 1/4 BB
2nd Open: 1" Blow BOB in 3 1/4 mins NOBB

Recovered 124 ft. of GIP
Recovered 310 ft. of O 100 % O Gravity 41 @ 60 Deg
Recovered 620 ft. of GMO 7 % G 70% O 23 % M
Recovered 124 ft. of HGMO 20% G 55% O 25 % M

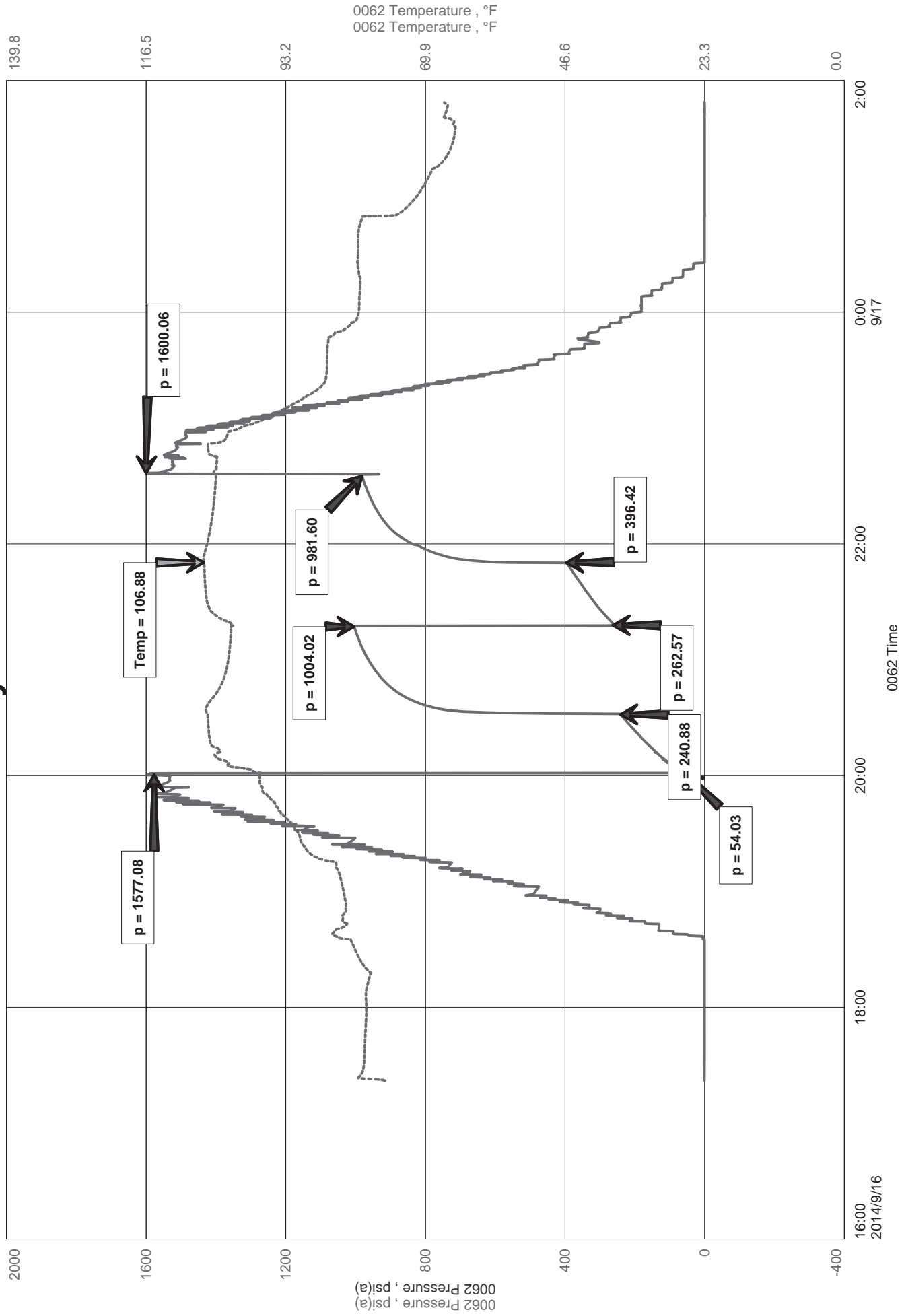
Recovered <u>1054</u> ft. of <u>Total Fluid</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Tool Sample: 98% O 2 % M</u>	Insurance
	Total

Time Set Packer(s) 8:03 PM A.M. Time Started Off Bottom 10:33 PM P.M. Maximum Temperature 107

Initial Hydrostatic Pressure..... (A) 1577 P.S.I.
Initial Flow Period..... Minutes 30 (B) 54 P.S.I. to (C) 241 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1004 P.S.I.
Final Flow Period..... Minutes 30 (E) 263 P.S.I. to (F) 396 P.S.I.
Final Closed In Period..... Minutes 45 (G) 982 P.S.I.
Final Hydrostatic Pressure..... (H) 1600 P.S.I.

Diamond Testing shall not be liable for damages of any kind to 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 statement or opinion concerning the result 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.

Jay Cat 3





Diamond Testing LLC
 P.O. Box 157
 HoisingtonKS 67544

Ricky Ray - Tester
(620) 617-7261

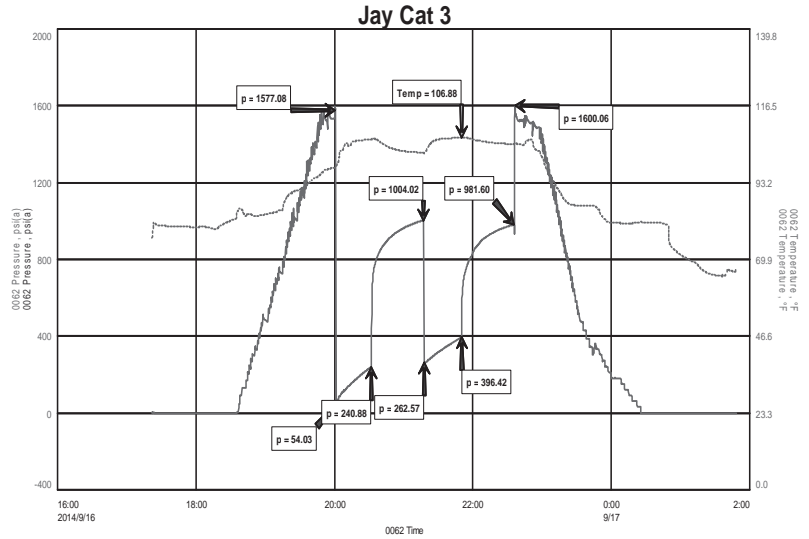
Wellsite Report

General Information

Company Name	Krier Kirby Oil Inc
Contact	Kirby Krier
Well Operator	Krier Kirby Oil Inc
Well Name	Jay Cat 3
Surface Location	Sec: 5-18s-20w (Rice County)
Field	Bloomer
Well Type	Vertical
Pool	Infield
Test Purpose (AEUB)	Initial Test
Qualified By	Client Musgrove
Gauge Name	0062

Test Information

Job Number	RR085
Test Type	Drill Stem Test
Well Fluid Type	01 Oil
Formation	Dst 2 Arbuckle (3190-3247)
Start Test Date	2014/09/16 YYYY/MM/DD
Start Test Time	17:22:00 HH:mm:ss
Final Test Date	2014/09/17 YYYY/MM/DD
Final Test Time	01:49:00 HH:mm:ss



Test Results

Recovery:

124'	GIP				
310'	O	100% O	Gravity	41 @ 60 Deg	
620'	GMO	6% G	70% O	23 % M	
124'	HGMO	20% G	55% O	25 % M	
1054'	Total Fluid				

Tool Sample: 98% O 2% M