



KANSAS CORPORATION COMMISSION 1087520
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 # 3208
Name: K & N Petroleum, Inc.
Address 1: 1105 Walnut
Address 2: _____
City: Great Bend State: KS Zip: 67530 + _____
Contact Person: Ed Nemnich
Phone: (620) 793-6005
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Josh Austin
Purchaser: Plains Marketing LLC

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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>06/05/2012</u>	<u>06/12/2012</u>	<u>06/18/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25675-00-00
Spot Description: _____
SE NW SW NW Sec. 36 Twp. 18 S. R. 11 East West
1945 Feet from North / South Line of Section
560 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: KLEPPER Well #: 1-36
Field Name: Mary Ida
Producing Formation: Arbuckle
Elevation: Ground: 1738 Kelly Bushing: 1748
Total Depth: 3360 Plug Back Total Depth: 3308
Amount of Surface Pipe Set and Cemented at: 329 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 329
feet depth to: 0 w/ 250 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 13200 ppm Fluid volume: 1200 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Outlaw Tank Service
Lease Name: Wirtz License #: 31070
Quarter NE Sec. 33 Twp. 19 S. R. 12 East West
County: Barton Permit #: E-28319

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	
<input type="checkbox"/> Letter of Confidentiality Received	Date: _____
<input type="checkbox"/> Confidential Release Date:	_____
<input checked="" type="checkbox"/> Wireline Log Received	
<input type="checkbox"/> Geologist Report Received	
<input type="checkbox"/> UIC Distribution	
ALT <input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III	Approved by: <u>Doanna Garboa</u> Date: <u>07/20/2012</u>



1087520

Operator Name: K & N Petroleum, Inc. Lease Name: KLEPPER Well #: 1-36
 Sec. 36 Twp. 18 S. R. 11 East West County: Barton

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)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attached	Datum
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Electric Log Submitted Electronically (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run: Submitted Electronically			

CASING RECORD <input checked="" 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
Surface	12.250	8.6250	23	329	60/40 Poz	250	3% CC 2% gel
Production	7.8750	5.5000	15.5	3330	60/40 Poz	180	2% gel, 1% w/c, 34% C/P-2, 2-1/2% p

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 (Amount and Kind of Material Used)	Depth
16	Perf 3298-3302 Arb	Natural	

TUBING RECORD: Size: <u>2.8750</u> Set At: <u>3306</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>06/24/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>125</u> Gas Mcf <u>0</u> Water Bbls. <u>0</u>	Gas-Oil Ratio _____ Gravity <u>42</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>Arb 3298-3302</u>
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LOG-TECH OF KANSAS, INC.

86 SW 10 AVE.

GREAT BEND, KANSAS 67530

(620) 792-2167

INVOICE

7072

Date 6-19-2012

CHARGE TO: KIN Petroleum
 ADDRESS _____
 R/A SOURCE NO. _____ CUSTOMER ORDER NO. _____
 LEASE AND WELL NO. Klepper #1-36 FIELD Mary Jane
 NEAREST TOWN Clasia COUNTY Denton STATE K.S.
 SPOT LOCATION SE-NW-SW-NW SEC. 36 TWP. 18S RANGE 11W
 ZERO 8' AGL CASING SIZE 5 1/2 WEIGHT _____
 CUSTOMER'S T.D. _____ LOG TECH _____ FLUID LEVEL _____
 ENGINEER Lance Gregg OPERATOR J. Walker

PERFORATING				
Description	No. Shots	From	Depth To	Amount
<u>Titan (4079-323T)</u>	<u>16</u>	<u>7298</u>	<u>7307</u>	
				<u>1580</u> ⁰⁰⁻

DEPTH AND OPERATIONS CHARGES						
Description	From	Depth To	Total No. Ft.	Price Per Ft.	Amount	
<u>Run GR/CCL/COL</u>	<u>0</u>	<u>7308</u>	<u>7308</u>	<u>.31</u>	<u>1025</u>	<u>98</u>
<u>" " " log</u>	<u>7308</u>	<u>2240</u>	<u>Min</u>	<u>.29</u>	<u>580</u>	<u>00-</u>

MISCELLANEOUS		
Description	Quantity	Amount
<u>Service Charge</u>	<u>1</u>	<u>550</u> ⁰⁰⁻

PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT

RECEIVED THE ABOVE SERVICES ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED ON THE REVERSE SIDE TO WHICH WE HEREBY AGREE.

[Signature]
 Customer Signature _____ Date _____

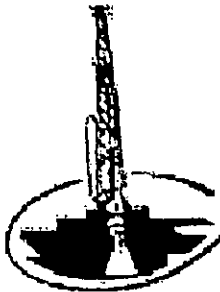
..... Sub Total	<u>3735</u> ⁴⁸
Code Ref. Tool Insurance	
..... Tax	<u>(747-48)</u>
.....	
.....	
.....	<u>2988</u> ⁰⁰

OPERATOR

Company: KN Petroleum
Address: 1105 Walnut
Great Bend, KS 67530

Contact Geologist:
Contact Phone Nbr: 620-793-6005
Well Name: Klepper #1-36
Location: 8 5/8" @ 329'
Pool:
State: Kansas

API: 15-009-25675-00-00
Field: Mary Ida
Country: USA



Musgrove

PETROLEUM CORPORATION
Claffin, Kansas.

Scale 1:240 Imperial

Well Name: Klepper #1-36
Surface Location: 8 5/8" @ 329'
Bottom Location:
API: 15-009-25675-00-00
License Number:
Spud Date: 6/5/2012 Time: 3:34 PM
Region: Se-Nw-Sw-Nw 36-18s-11w
Drilling Completed: 6/11/2012 Time: 8:50 PM
Surface Coordinates: 1945' From North Line & 560' From West Line
Bottom Hole Coordinates:
Ground Elevation: 1739.00ft
K.B. Elevation: 1747.00ft
Logged Interval: 2500.00ft To: 3360.00ft
Total Depth: 3360.00ft
Formation: ARBUCKLE
Drilling Fluid Type: Chemical mud displaced at 2610'

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: Latitude:
N/S Co-ord: 1945' From North Line
E/W Co-ord: 560' From West Line

LOGGED BY

Company: Musgrove Petroleum Corp.
Address: 212 Main St.
Claffin, KS 67525
Phone Nbr: 620-546-3960
Logged By: Geologist Name: Josh Austin

CONTRACTOR

Contractor: Southwind Drilling, Inc
Rig #: 6
Rig Type:
Spud Date: 6/5/2012 Time: 3:34 PM
TD Date: 6/11/2012 Time: 8:50 PM
Rig Release: Time:

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KCC WICHITA

ELEVATIONS

K.B. Elevation: 1747.00ft Ground Elevation: 1739.00ft

K.B. to Ground: 8.00ft

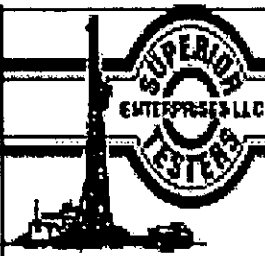
NOTES

On the basis of the high structural position, positive drill stem test, and after reviewing the electric log, it was recommended by all parties involved to run 5 1/2" production casing at the rotary total depth.

K&N Petroleum

well comparison sheet

DRILLING WELL Klepper					COMPARISON WELL Continental Doll #1				COMPARISON WELL Petroleum Doll #1			
1747 KB					1752 KB		Structural Relationship		1749 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Anhydrite			496	1251								
Topeka	2574	-827	2572	-825					2574	-825		
Heebner	2840	-1093	2839	-1092	2846	-1094	1	2	2842	-1093	0	1
Toronto	2858	-1111	2856	-1109	2864	-1112	1	3	2860	-1111	0	2
Douglas	2872	-1125	2872	-1125					2877	-1128	3	3
Brown Lime	2956	-1209	2956	-1209	2962	-1210	1	1	2959	-1210	1	1
Lansing	2975	-1228	2973	-1226	2981	-1229	1	3	2978	-1229	1	3
Base KC	3239	-1492	3237	-1490	3242	-1490	-2	0	3227	-1478	-14	-12
Arbuckle	3283	-1536	3274	-1527	3320	-1568	32	41	3303	-1554	18	27
RTD	3360	-1613			3360	-1608			3324	-1575		
LTD	3358	-1611							3321	-1572		



DRILL STEM TEST REPORT

K&N Petroleum
3B-18c-11w-Barton

1105 Walnut Creek Blvd
Kearns 67550

ATTN: Josh Austin

Klepper 1-38

Job Ticket: 17879 DST# 1

Test Start: 2012.08.09 @ 04:08:00

GENERAL INFORMATION:

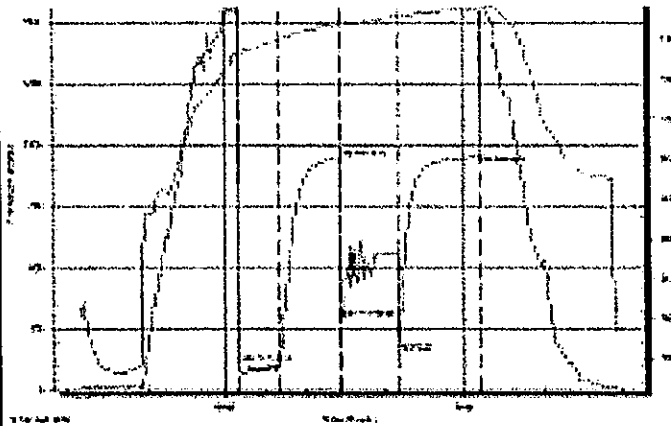
Formation: Landing H-J	Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock	Tester: Dustin Ellis
Time Tool Opened: 08:00:30	Unit No: 3315-Creek Bend-40
Time Test Ended: 10:58:30	Reference Elevations: 1747.00 ft (KB)
Interval: 3095.00 ft (KB) To 3150.00 ft (KB) (TVD)	1739.00 ft (CF)
Total Depth: 3100.00 ft (KB) (TVD)	KB to CR/CF: 8.00 ft
Hole Diameter: 7.88 inches-hole Condition: Fair	

Serial #: 8406	Isolate	Capacity: 5000.00
Press @ Run Depth: 150.00 psia @	3150.00 ft (KB)	Last Calls: 2012.08.09
Start Date: 2012.08.09	End Date: 2012.08.09	Time On Btm: 2012.08.09 @ 08:02:00
Start Time: 04:08:00	End Time: 10:58:50	Time Off Btm: 2012.08.09 @ 09:12:50

TEST COMMENT: 1st Open 50 minutes Strong blow blew bottom bucket 1 minute.
 1st Shut in 45 minutes Yes blow back.
 2nd Open 45 minutes Strong blow blew bottom bucket instantly.
 2nd Shut in 60 minutes Yes blow back.

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 KCC WICHITA

Pressure Summary		PRESSURE SUMMARY			
Time	Pressure	Temp	Annotation		



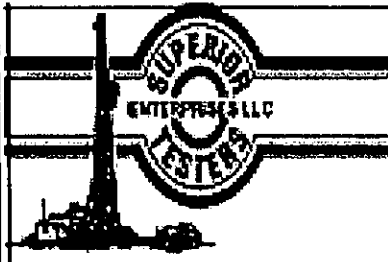
(Min)	(psi)	(Deg F)	
0	1568.14	108.90	Initial Hydro-static
1	118.08	107.92	Open To Flow (1)
30	104.08	108.97	Shut-in (1)
78	947.41	111.90	End Shut-in (1)
79	297.84	111.72	Open To Flow (2)
122	159.88	112.77	Shut-in (2)
183	924.50	113.98	End Shut-in (2)
184	1532.31	114.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
82.00	Mud cut of 5% OIL 95% MUD	0.87
82.00	Clarity of cut mud	0.87
0.00	Clas 60% - OIL 20% Mud 20%	0.00
82.00	Clarity of cut mud	0.87
0.00	Clas 70% - OIL 10% Mud 20%	0.00

Gas Rates

	Core (inches)	Pressure (psi)	Gas Rate (scfd)
First Gas Rate	0.13	8.00	2.25
Last Gas Rate	0.25	5.00	7.93
Max. Gas Rate	0.38	7.00	25.84



DRILL STEM TEST REPORT

K&N Petroleum

SB-18c-11w-Barton

1105 Walnut Creek Blvd
Kansas 67530

Klepper 1-38

Job Ticket: 17830

OSTAR2

ATTN: Josh Austin

Test Start: 2012-08-09 @ 08:14:00

GENERAL INFORMATION:

Formation: Lansing K&L

Deviated: No Whipstock: 11 (KB)

Time Tool Opened: 07:48:00

Time Test Ended: 12:18:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: 3315-08-40

Interval: 3182.00 ft (KB) To 3250.00 ft (KB) (TVI)

Total Depth: 3230.00 ft (KB) (TVI)

Hole Diameter: 7.88 inches hole Condition: Fair

Reference Elevations: 1747.00 ft (KB)

1759.00 ft (CF)

KB to GRACE: 8.00 ft

Serial #: 8400

Oxalide

Pressure/Run Depth: 85.86 psia @ 3227.12 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012-08-09

End Date

2012-08-09

Last Cells

2012-08-09

Start Time: 08:14:00

End Time

12:18:30

Time On Bore

2012-08-09 @ 07:47:30

Time Off Bore

2012-08-09 @ 10:33:00

TEST COMMENT:

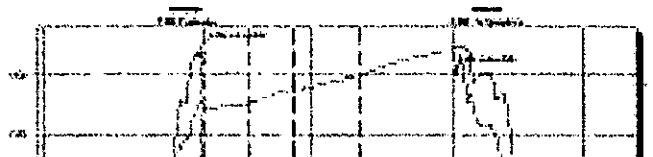
1st Open 50 Minutes Fair building blow built to 8 inches into bucket of water

1st Shut in 30 Minutes No blow back

2nd Open 45 Minutes Fair building blow built to bottom bucket 28 minutes.

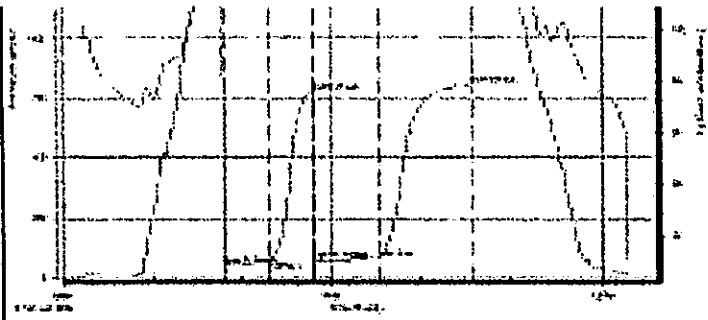
2nd Shut in 80 Minutes No blow back

Pressure Time



PRESSURE SUMMARY

Time (Min)	Pressure (psia)	Temp (Deg F)	Annotation
0	1523.79	108.20	Initial Hydro-static
1	58.08	107.70	Open To Flow (1)
31	72.43	108.08	Shut-in (1)



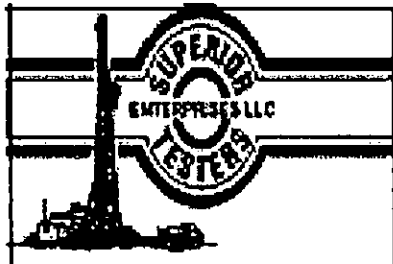
60	772.68	109:48	End Shut-In (1)
60	78.27	102:18	Open To Flow (2)
105	85.69	110:21	Shut-In (2)
165	811.38	113:48	End Shut-In (2)
166	1530.91	113:40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (cu)
10.00	Oil cut mud 90% oil 70% mud	0.14
61.00	Oil plus water cut mud	0.88
0.00	10% oil 70% mud 20% water	0.00

Gas Rates

Time (min)	Pressure (psi)	Gas Rate (scfd)
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DRILL STEM TEST REPORT

KSH Petroleum
 1105 Walnut Creek Bend
 Kansas 67530
 ATTN: Josh Austin

38-18c-11w-Barton
 Klapper 1-38
 Job Ticket: 17891 DST# 3
 Test Start: 2012.08.10 @ 09:57:00

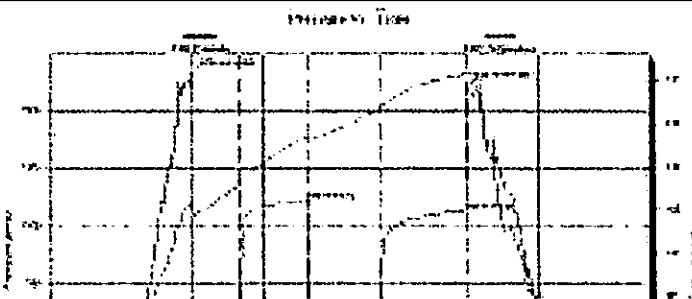
GENERAL INFORMATION:

Formation: Ark buckle
 Deviated: No Whipstock 11 (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dashi Ellis
 Time Tool Opened: 11:14:00
 Time Test Ended: 15:55:30
 Unit No: 3015-08-43

Interval: 3255.00 ft (KB) To 3287.00 ft (KB) (TVD)
 Total Depth: 3287.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches - hole Condition: Fair
 Reference Elevation: 1747.00 ft (KB)
 1759.00 ft (CF)
 KB to GRAF: 8.00 ft

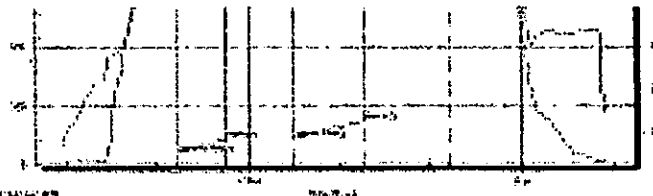
Serial #: 8400 Outside
 Press @ Run Depth: 180.83 psia @ 3254.19 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.08.10 End Date: 2012.08.10 Last Call: 2012.08.10
 Start Time: 09:57:00 End Time: 15:55:30 Time On Bore: 2012.08.10 @ 11:13:30
 Time Off Bore: 2012.08.10 @ 14:13:30

TEST COMMENT:
 1st Open 30 minutes Fair bulking blow blow bottom bucket in 20 minutes.
 1st Shut 45 minutes No blow back
 2nd Open 45 minutes Fair bulking blow blow bottom bucket 14 minutes.
 2nd Shut in 60 minutes No blow back.



PRESSURE SUMMARY

Time (Min)	Pressure (psia)	Temp (deg F)	Annotation
0	1982.58	105.25	Initial Hydro-static
1	51.71	104.58	Open To Flow (1)
51	130.44	107.88	Shut-In (1)
75	1111.52	113.30	End Shut-In (1)
79	113.08	112.90	Open To Flow (2)
123	180.83	116.83	Shut-In (2)
160	1085.51	120.73	End Shut-In (2)



150	1508.58	120.03	Final Hydro-static
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Recovery

Length (ft)	Description	Volume (gal)
154.00	Clear gasdry oil 100%	2.98
124.00	Oil cut mud Oil 80% Mud 20%	1.74
124.00	Oil plus gas cut mud	1.74
0.00	Gas 10% Oil 70% Mud 20%	0.00
		0.00

Gas Rates

Flow (mcf/d)	Pressure (psia)	Gas Rate (mcf/d)
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DRILL STEM TEST REPORT

K&N Petroleum **38-18c-11w-Barton**
 1105 Walnut Creek Bend **Knapper 1-38**
 Kansas 67550 Job Ticket: 17829 **OST-4**
 ATTN: Josh Austin Test Start: 2012.08.10 @ 09:20:00

GENERAL INFORMATION:

Formation: **Al buckle**
 Deviated: **No Whipstock 11 (KB)**
 Time Tool Opened: **12:45:30**
 Time Test Ended: **18:48:30**
 Interval: **3287.00 ft (KB) To 3297.00 ft (KB) (TVD)**
 Total Depth: **3297.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches - hole condition: Fair**
 Test Type: **Conventional Bottom Hole (In/Sit)**
 Tester: **Dustin Ellis**
 Unit No: **3315-08-40**
 Reference Elevations: **1747.00 ft (KB)**
1750.00 ft (CF)
KB to GRICF: 8.00 ft

Serial #: **8406** **Details**
 Press @ Run Depth: **501.20 psia @ 3293.00 ft (KB)** Capacity: **5000.00** psia
 Start Date: **2012.08.10** End Date: **2012.08.10** Last Calls: **2012.08.11**
 Start Time: **09:20:00** End Time: **18:48:30** Time On Ben: **2012.08.10 @ 10:45:00**
Time Off Ben: **2012.08.10 @ 19:51:30**

TEST COMMENT: 1st Open 50 minutes Strong blow blow bottom bucket 4 minutes
 1st Shut in 30 minutes No blow back
 2nd Open 45 minutes Strong blow blow bottom bucket 5 minutes
 2nd Shut in 90 minutes No blow back

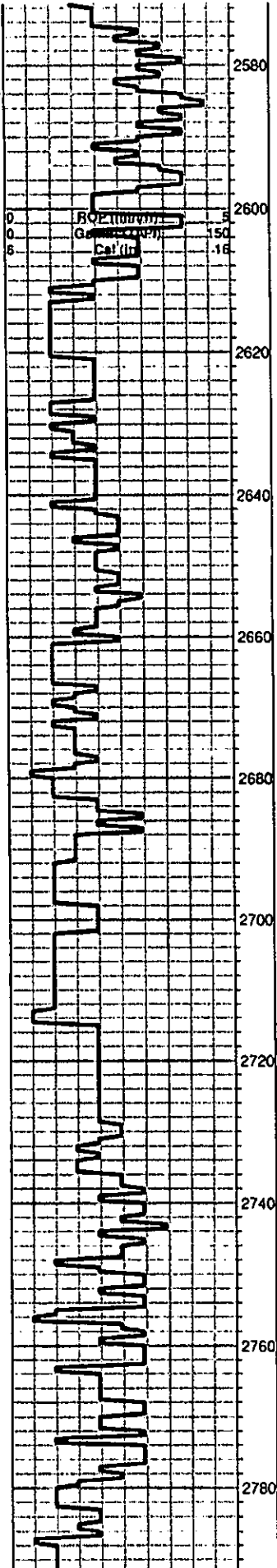


PRESSURE SUMMARY

Time (Min)	Pressure (psia)	Temp (deg F)	Annotation
0	1685.18	103.58	Initial Hydro-static
1	50.12	103.91	Open To Flow (1)
30	254.70	104.58	Shut-in (1)
60	1651.08	107.05	End Shut-in (1)
61	280.55	108.02	Open To Flow (2)
125	501.20	113.39	Shut-in (2)
198	1652.00	114.34	End Shut-in (2)
187	1555.51	114.45	Final Hydro-static

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TOPEKA 2574 (-827)



Samples wet and dry 2700-RTD

KING HILL

black carboniferous shale

grey-green shale

Limestone; grey-cream, fine-medium xln, dense, fossiliferous in part, few granular pieces, plus grey boney Chert

Limestone; cream-lt. grey fine xln, sparry calcite, dense, fossiliferous, cherty, plus grey-lt. grey fossiliferous boney Chert

grey shale

QUEEN HILL

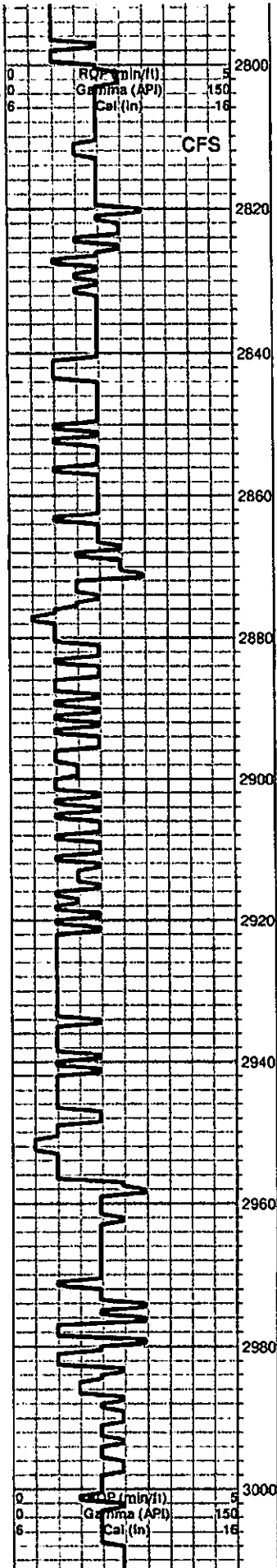
black carboniferous shale

Shale; rusty brown, grey, green, maroon

Limestone; lt. grey-cream, fine xln, dense, chalky in part

Limestone; cream-tan, fine-medium xln, few scattered finely oomoldic type porosity, trace

0	Total Gas (Units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



spotty brown stain, trace lt. spotty free oil, very faint odor

Limestone; tan-cream, fine xln, fossiliferous, dense, poor porosity, cherty in part, no shows

Limestone; as above

HEEBNER 2840 (-1093)
black carboniferous Shale
grey-green; Shale

TORONTO 2858 (-1111)
Limestone; cream, fossiliferous, chalky, pin point type porosity, questionable trace brown stain, NSFO, no odor

DOUGLAS 2872 (-1125)
Shale; grey-dark grey, soft, silty in part, micaceous

Shale as above, silty, micaceous

Siltstone; grey, micaceous, shaley, no shows

Shale and Sand as above

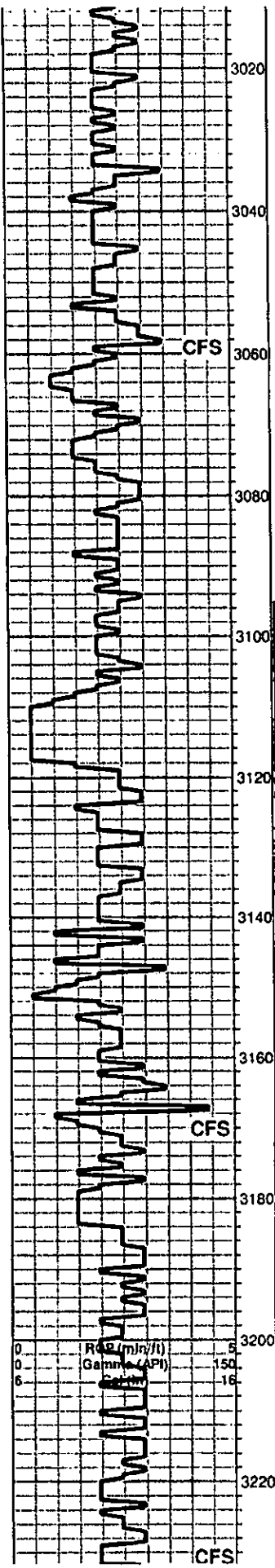
BROWN LIME 2956 (-1209)
Limestone; tan-brown, fine xln, dense, cherty

LANSING 2975 (-1228)
Limestone; cream, fine xln, chalky, fossiliferous in part, poorly developed porosity, no shows

Limestone; cream-grey, fine xln, fossiliferous in part, dense, cherty, poor visible porosity, no shows

Total Gas (units)		
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

Total Gas (units)		
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



Limestone; buff, highly oolitic, few sparry calcite cement, dense, poorly developed porosity, no shows

Limestone; cream-buff-tan, highly oolitic, few scattered oolitic type porosity, trace brown stain, trace spotty free oil, very faint odor

Limestone; cream, fine-medium xln, chalky, oolitic in part, trace brown stain, trace free oil

Limestone; cream-buff, oolitic, sub oomoldic, few scattered oomoldic porosity, no shows

Limestone; cream-tan, fine xln, slightly oolitic, dense, poorly developed porosity, no shows

Black carboniferous shale

Limestone; cream, oomoldic, chalky, fair-good oomoldic porosity, black-brown stain, SFO, faint-fair odor

grey shale

Limestone; cream, oolitic, chalky, few scattered porosity, no shows

Limestone; cream, highly oolitic, few oolitic porosity, golden brown stain, SFO, fair odor

black carboniferous shale plus grey-dark grey shale

Limestone; cream-lt. grey-white, oolitic/oomoldic, fair oomoldic porosity, brown-golden brown stain, SFO, faint-fair odor

Limestone; cream, fine xln, chalky, dense, fossiliferous in part, poor visible porosity, no shows

black carboniferous shale

Limestone; cream-tan-buff, fine xln, chalky in part, cherty, dense

DST #1 3095-3170
30-45-45-60

Blow; BOB in 1 min
fair blow back
Blow; GTS
Gas gauged as followed

2nd flow	Mcf/d
10 min	2.25
20min	25.64
30min	3.17
40min	7.93

Recovery;
62' oil cut mud
(5%oil 95%mud)
124' GOCM
(60%gas 20%oil 20% mud)

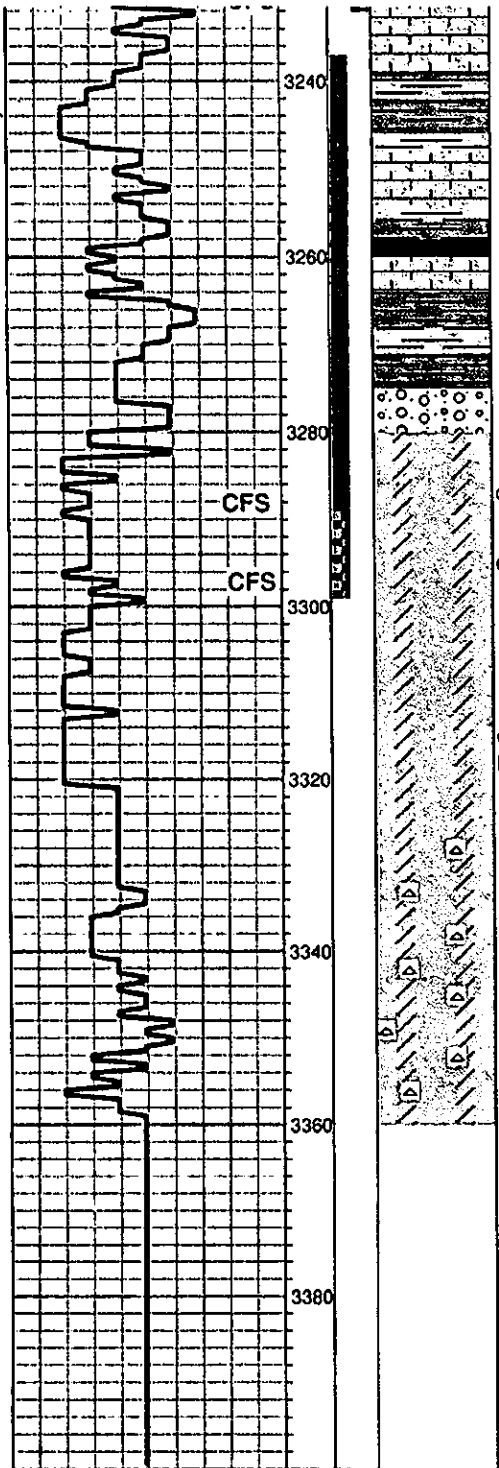
Pressures;
ISIP 947
FSIP 924
IFP 116-104
FFP 297-159
HSH 1566-1538

DST #2 3162-3230
30-30-45-60

Blow; built to 8"
Final; BOB in 28 min
no blow back

Recovery;
70' oil cut mud
(30%oil 70%mud)
61' oil water cut mud
(10%o 70%m 20%w)

Pressures;
ISIP 779
FSIP 811
IFP 58-72
FFP 78 85



BASE KANSAS CITY 3239 (-1492)

Shale; grey-green

Limestone; cream, fine xln, fossiliferous, chalky, dense, poor porosity

Shale; rusty brown-grey-green-maroon, plus pink-rose chalky Limestone

Limstone and Shale as above

ARBUCKLE 3283 (-1536)

Dolomite; tan, fine xln, sucrosic, few inter xln type porosity, brown stain, SFO, faint odor

Dolomite; cream-tan-buff, fine xln, slightly sucrosic, few scattered inter xln porosity, brown-dark brown stain, SFO, fair odor

Dolomite; grey-cream, fine-medium xln, dense, poorly developed porosity, trace black stain, NSFO, very faint odor

Dolomite; grey-buff, fine xln, dense, cherty, poor visible porosity, no shows

Chert; white, boney

Dolomite; tan-buff-lt. grey, fine xln, dense, cherty, poor visible porosity, plus white boney Chert

ROTARY TOTAL DEPTH 3360 (-1613)

FFP 10-03
HSH 1623-1520

DST #3 3236-3287
30-45-45-60

Blow; BOB in 20 min
Final; BOB in 14 min
no blow back

Recovery;
154' clean gassy oil
248' mud cut oil

Pressures;
ISIP 1111
FSIP 1065
IFP 51-110
FFP 113-189
HSH 1663-1065

DST #4 3287-3297
30-30-45-60

Blow; BOB in 4 min
Final; BOB in 5 min
no blow back

Recovery;
1445' clean gassy oil

Pressures;
ISIP 1051
FSIP 1052
IFP 50-254
FFP 250-501
HSH 1685-1555

COPLAND

Acid & Cement

POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

Invoice

BURRTON, KS ♦ GREAT BEND, KS
 (620) 463-5161 (620) 793-3366
 FAX (620) 463-2104 FAX (620) 793-3536

INVOICE NUMBER:
C39757-IN

BILL TO:
K & N PETROLEUM
1105 WALNUT
GREAT BEND, KS 67530

LEASE: KLEPPER 1-36

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
06/12/2012	C39757		06/05/2012		NET 30	
QUANTITY	U/M	ITEM NO./DESCRIPTION		D/C	PRICE	EXTENSION
20.00	MI	CEMENT MILEAGE PUMP TRUCK		0.00	4.00	80.00
20.00	MI	CEMENT MILEAGE PU TRUCK		0.00	2.00	40.00
1.00	EA	CEMENT PUMP CHARGE		0.00	1,100.00	1,100.00
150.00	SAX	60-40 POZ MIX 2% GEL		0.00	9.25	1,387.50
100.00	SAX	COMMON CEMENT		0.00	11.25	1,125.00
9.00	SAX	CALCIUM CHLORIDE - SAX		0.00	40.00	360.00
1.00	EA	8 5/8" WOOD PLUG		0.00	65.00	65.00
259.00	EA	BULK CHARGE		0.00	1.25	323.75
233.20	MI	BULK TRUCK - TON MILES		0.00	1.10	256.52
		<i>Surface</i>		K & N PETROLEUM, INC. Lease Name <i>Klynn #1-36</i>		
				JIB <input checked="" type="checkbox"/> OFFICE <input type="checkbox"/> OTHER <input type="checkbox"/> POSTED <input type="checkbox"/>		
REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060		COP		Net Invoice: 4,737.77 BATCO Sales Tax: 85.05 Invoice Total: <u>4,822.82</u>		
RECEIVED BY _____		NET 30 DAYS				

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days past due.

Copeland Acid & Cement is a subsidiary of Gressel Oil Field Service
 Gressel Oil Field Service reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code

COPPELAND

Acid & Cement

POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

Invoice

BURRTON, KS ♦ GREAT BEND, KS
 (620) 463-5161 (620) 793-3366
 FAX (620) 463-2104 FAX (620) 793-3536

INVOICE NUMBER:
C39763-IN

BILL TO:
K & N PETROLEUM
1105 WALNUT
GREAT BEND, KS 67530

LEASE: KLEEPER 1-36

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
06/14/2012	C39763		06/12/2012		NET 30	
QUANTITY	U/M	ITEM NO./DESCRIPTION		D/C	PRICE	EXTENSION
20.00	MI	CEMENT MILEAGE PUMP TRUCK		0.00	4.00	80.00
20.00	MI	CEMENT MILEAGE PU TRUCK		0.00	2.00	40.00
1.00	EA	CEMENT PUMP CHARGE		0.00	1,600.00	1,600.00
180.00	SAX	60-40 POZ MIX 2% GEL		0.00	9.25	1,665.00
1,250.00	LB	SALT		0.00	0.18	225.00
100.00	LB	FRICTION REDUCER C-37		0.00	3.75	375.00
400.00	LB	GILSONITE		0.00	0.50	200.00
1.00	EA	5 1/2 FLOAT SHOE W/AUTO FILL		0.00	355.00	355.00
2.00	EA	5 1/2" BASKETS		0.00	155.00	310.00
5.00	EA	5 1/2" CENTRALIZERS		0.00	65.00	325.00
1.00	EA	5 1/2" LATCH DOWN PLUG/BAFFLE		0.00	175.00	175.00
215.00	EA	BULK CHARGE		0.00	1.25	268.75
176.00	MI	BULK TRUCK - TON MILES		0.00	1.10	193.60
REMIT TO:		COP		Net Invoice:		5,812.35
P.O. BOX 438 HAYSVILLE, KS 67060		FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.		BATCO Sales Tax:		201.85
RECEIVED BY _____		NET 30 DAYS		Invoice Total:		<u>6,014.20</u>

Henry Spring

Cement - Float Equipment

K & N PETROLEUM, INC.

Lease Name *Kleper #1-36*

JIB OFFICE
 OTHER POSTED

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days past due.

Copeland Acid & Cement is a subsidiary of Gressel Oil Field Service
 Gressel Oil Field Service reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code