



KANSAS CORPORATION COMMISSION 1087942
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 # 6039
Name: L. D. Drilling, Inc.
Address 1: 7 SW 26TH AVE
Address 2: _____
City: GREAT BEND State: KS Zip: 67530 + 6525
Contact Person: L. D. DAVIS
Phone: (620) 793-3051
CONTRACTOR: License # 33323
Name: Petromark Drilling, LLC
Wellsite Geologist: JOSH AUSTIN
Purchaser: M V PURCHASING

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 #: _____
04/17/2012 04/23/2012 05/04/2012
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-167-23794-00-00
Spot Description: _____
N2 SE SE SW Sec. 14 Twp. 15 S. R. 12 East West
390 Feet from North / South Line of Section
2310 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Russell
Lease Name: JANICE Well #: 2-14
Field Name: HALL-GURNEY
Producing Formation: LANSING
Elevation: Ground: 1827 Kelly Bushing: 1828
Total Depth: 3360 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 522 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: 5000 ppm Fluid volume: 80 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: L. D. DRILLING, INC.
Lease Name: L. D. SWD License #: 6039
Quarter NW Sec. 22 Twp. 16 S. R. 13 East West
County: BARTON Permit #: D30660

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: Deanne Garrison Date: 07/26/2012



1087942

Operator Name: L. D. Drilling, Inc. Lease Name: JANICE Well #: 2-14
 Sec. 14 Twp. 15 S. R. 12 East West County: Russell

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 checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Attached	Datum Attached
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
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: DUAL COMPENSATED POROSITY LOG DUAL INDUCTION LOG MICRORESISTIVITY				

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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

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
4	2989 - 2994'	1000 gal 28% Acid	

TUBING RECORD: Size: <u>2.375</u> Set At: <u>3360</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>05/08/2012</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 Bbbs.	Gas Mcf	Water Bbbs. Gas-Oil Ratio Gravity

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. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	JANICE 2-14
Doc ID	1087942

Tops

Name	Sp	Date
HEEBNER	2870	-1042
TORONTO	2887	-1059
DOUGLAS	2901	-1073
BROWN LIME	2954	-1126
LANSING	2964	-1136
BASE KANSAS CITY	3238	-1410
CONGLOMERATE	3260	-1432
ARBUCKLE	3296	-1468

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	JANICE 2-14
Doc ID	1087942

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	24	522	A-CONN	175	
SURFACE - CONT	12.25	8.625	24	522	COMMON	100	2%CC, 1/4# CF
PRODUCTION	7.875	5.5	14	3360	AA2	150	
RATHOLE	7.875	5.5	14	3360	60/40 POZMIX	30	

Customer <i>L.O. Drilling</i>	Lease No.	Date <i>04-18-12</i>
Lease <i>JANICE</i>	Well # <i>2-14</i>	
Field Order # <i>6059</i>	Station <i>PRATT KS</i>	Casing <i>8 5/8</i>
Type Job <i>CNW 8 5/8 SURFACE</i>	Depth <i>521'</i>	County <i>Russell</i>
	Formation	State <i>KS</i>
		Legal Description <i>14-15-12</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>								
Depth <i>521'</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>32</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>200</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>HC</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>500</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Johnson</i>
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Service Units	<i>37920</i>	<i>33708</i>	<i>20920</i>	<i>19837</i>	<i>21010</i>				
Driver Names	<i>Bullman</i>	<i>Molson</i>	<i>WRIGHT</i>	<i>YOUNG</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>8:00 am</i>					<i>run to safety meter</i>
					<i>run 13 str 8 5/8 34 csg</i>
<i>10:55</i>					<i>casing on bottom</i>
<i>11:00</i>					<i>hook up to circ</i>
<i>11:05</i>	<i>150</i>		<i>3</i>	<i>3</i>	<i>at spool</i>
			<i>16</i>	<i>4.5</i>	<i>mix 175 sk A-con out 240 cc w/ 1/4 sk cdk</i>
			<i>21</i>		<i>mix 100 sk cement 240 cc w/ 1/4 sk cdk</i>
					<i>shut down AND Release plug</i>
				<i>4</i>	<i>at deep</i>
<i>11:30</i>	<i>350</i>		<i>37</i>		<i>plug Annul</i>
					<i>circled TO BBL on 7 Pit</i>
					<i>503 Complete</i>
					<i>Thank you</i>



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 06061 A

DATE _____ TICKET NO. _____

DATE OF JOB <i>4-23-12</i>	DISTRICT <i>PRATT KS</i>	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:
CUSTOMER <i>L.O. Drilling</i>	ADDRESS	CITY	STATE	LEASE <i>JANICE</i>	WELL NO. <i>2-14</i>		
CITY				COUNTY <i>Russell</i>	STATE <i>KS</i>		
AUTHORIZED BY				SERVICE CREW <i>Sullivan, Wright, Lannce</i>			
EQUIPMENT#				JOB TYPE: <i>CNW 5 1/2" Log 53'</i>			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE
<i>33708-20920</i>	<i>40 min</i>					<i>4-23-12</i>	AM/PM
<i>19826-19866</i>	<i>40 min</i>					ARRIVED AT JOB	TIME
<i>27900</i>						START OPERATION	<i>11:00</i>
						FINISH OPERATION	<i>1:30</i>
						RELEASED	<i>2:45</i>
						MILES FROM STATION TO WELL	<i>85</i>

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
CP 100C	Common CMT	SK	150		2,400.00
CP 10.3	60/40 per	SK	30		360.00
CC 102	coltcke	lb	38		140.60
CC 112	CMT 3/8" in Packer	lb	43		258.70
CC 113	g.l.s.u.m	lb	205		528.75
CC 129	HA-377	lb	43		322.50
CC 200	CMT colt	lb	282		70.50
CF 103	TOP Ribbon Plug 5 1/2	SA	1		105.00
CF 251	Slide Shoe	SA	1		250.00
CF 1451	Flapper Insert	SA	1		215.00
CF 1051	Turbolizer	SA	6		660.00
CC 151	man-flush	GAL	1000		860.00
E 100	Duck m	mi	85		361.25
E 101	Heavy Cmt	mi	120		1,190.00
E 113	Bulk Delivery	TON	210		1,135.60
CE 204	Depth change	SA	1		2,160.00
CE 240	Blender	SK	130		252.00
CE 504	Plug Constant	SA	1		250.00
5003	Standard Separator	SA	1		175.00

SUB TOTAL *Thank you* **46 9,238.42**

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE <i>Robert Sullivan</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>L.O. Drilling</i>
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>L. D. Winters</i>	Lease No.	Date <i>4-23-12</i>
Lease <i>JANICE</i>	Well # <i>3-14</i>	
Field Order # <i>6061</i>	Station <i>PRATT KS</i>	Casing <i>5 1/2</i>
		Depth <i>3361</i>
Type Job <i>OWN 5 1/2" long string</i>	Formation	County <i>Russell</i>
		State <i>KS</i>
		Legal Description <i>14-15-12</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>								
Depth <i>3365</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume <i>82</i>	Volume	From	To	Pad	Min			10 Min.
Max Press <i>1500</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>PC</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <i>3347</i>	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>DAVE SCOTT</i>
Service Units <i>37900 33708 29970 15406 15860</i>		
Driver Names <i>Scott Wright Lovan</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>11:00</i>					<i>own loc entry, 11:00</i>
					<i>Run 80 5 1/2" 2 1/2" 18 185</i>
<i>12:30</i>					<i>Check w/ Bottom</i>
<i>12:40</i>					<i>Hook up pipe</i>
<i>1:30</i>	<i>150</i>		<i>24</i>	<i>3</i>	<i>St 1000 - 1/2" 1/2"</i>
			<i>5</i>		<i>St 1000</i>
			<i>30</i>	<i>4.5</i>	<i>min 1500 st comm out at 1:30</i>
					<i>out min 1500 st down with long pump</i>
					<i>Reverse Pump</i>
				<i>5.5</i>	<i>St 1000</i>
	<i>250</i>		<i>60</i>		<i>Let 1000</i>
	<i>450</i>		<i>70</i>	<i>3</i>	<i>Slow Rate</i>
<i>2:10</i>	<i>1,000</i>		<i>82</i>		<i>Plug down</i>
			<i>7</i>		<i>Plug 24 up with 1000 per</i>
					<i>SOB Complete</i>
					<i>Thank you</i>



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: janice2-14dst1

TIME ON: 02:12:00
TIME OFF: 09:59:00

Company LD Drilling INC Lease & Well No. Janice #2-14
Contractor Petromark Rig #2 Charge to LD Drilling Inc
Elevation 1828 KB Formation Lansing "A-D" Effective Pay _____ Ft. Ticket No. S0131
Date 4-21-12 Sec. 14 Twp. _____ 15 S Range _____ 12 W County Russell State KANSAS
Test Approved By Josh Austin Diamond Representative Jacob McCallie

Formation Test No. 1 Interval Tested from 2958 ft. to 3008 ft. Total Depth 3008 ft.
Packer Depth 2953 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth 2958 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 2946 ft. Recorder Number 30035 Cap. 10000 P.S.I.
Bottom Recorder Depth (Outside) 3005 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Mud Type Chem Viscosity 55 Drill Collar Length 119 ft. I.D. 2 1/4 in.
Weight 8.7 Water Loss 7.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 800 P.P.M. Drill Pipe Length 2813 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 50 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: **BB Blow** **NOBB**
2nd Open: **BB BLOW** **BBBB**

Recovered 68 ft. of WC GASSY MUD 35% GAS 13% WTR 52% MUD
Recovered 183 ft. of WCMC GASSY OIL 30% GAS 40% OIL 15% WTR 15% MUD
Recovered 251 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>Gas to surface in 3 1/2 min</u>	Insurance
TOOL SAMPLE: 20% GAS 50% OIL 20% WTR 10% MUD	Total

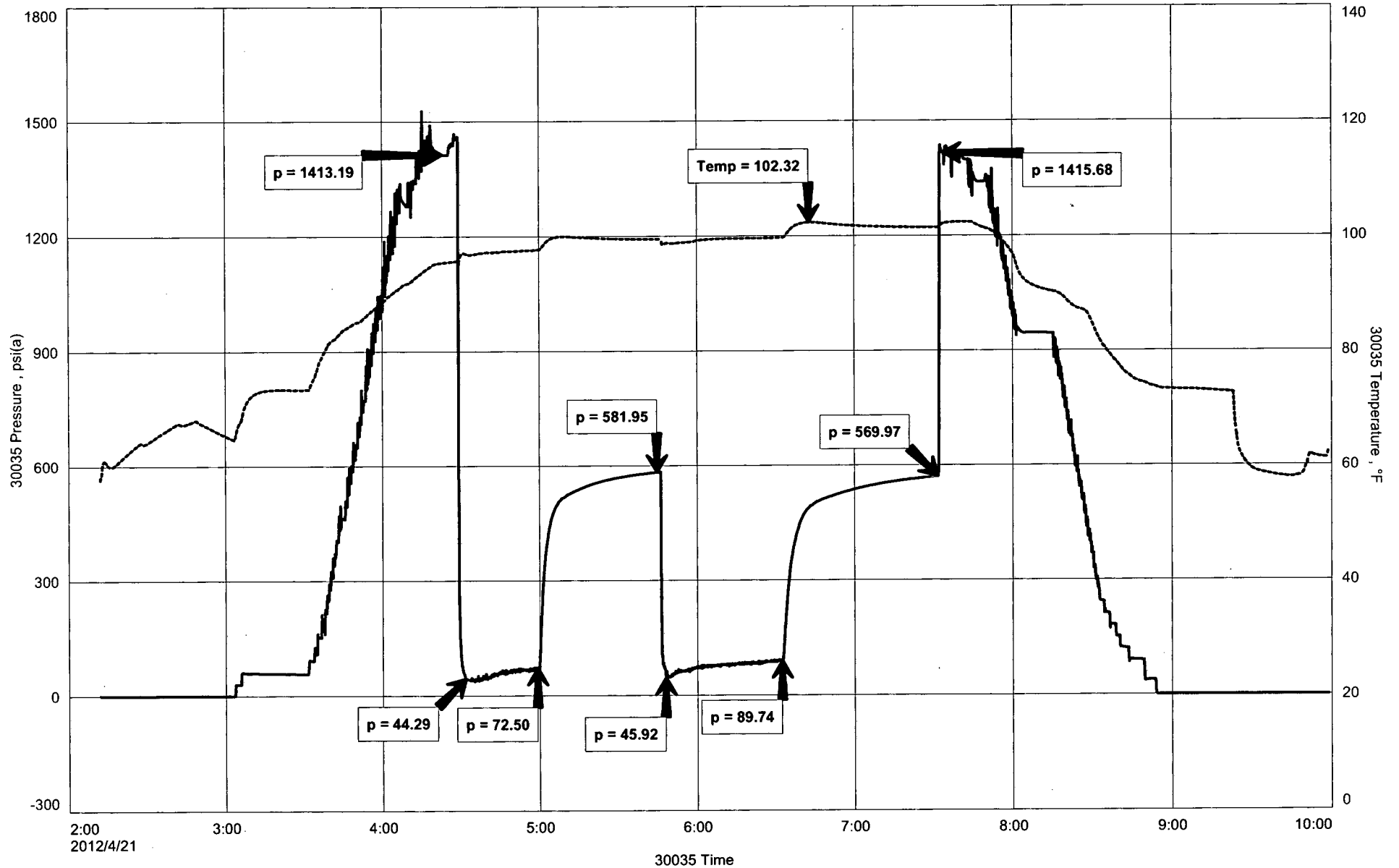
Time Set Packer(s) 4:29 AM ^{A.M.}/_{P.M.} Time Started Off Bottom 7:29 AM ^{A.M.}/_{P.M.} Maximum Temperature 102
Initial Hydrostatic Pressure..... (A) 1413 P.S.I.
Initial Flow Period..... Minutes 30 (B) 44 P.S.I. to (C) 73 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 582 P.S.I.
Final Flow Period..... Minutes 45 (E) 46 P.S.I. to (F) 90 P.S.I.
Final Closed In Period..... Minutes 60 (G) 570 P.S.I.
Final Hydrostatic Pressure..... (H) 1416 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.

LD Drilling Inc
DST #1 Lansing "A-D" 2958-3008'
Start Test Date: 2012/04/21
Final Test Date: 2012/04/21

Janice #2-14
Formation: DST #1 Lansing "A-D" 2958-3008'
Pool: In Field
Job Number: S0131

Janice #2-14



Diamond Testing

General information Report

General Information

Company Name LD Drilling Inc

Contact	LD Davis	Job Number	S0131
Well Name	Janice #2-14	Representative	Jacob McCallie
Unique Well ID	DST #1 Lansing "A-D" 2958-3008'	Well Operator	LD Drilling Inc
Surface Location	SEC 14-15S-12W Russell County	Report Date	2012/04/21
Well License Number		Prepared By	Jacob McCallie
Field	Hall-Gurney		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #1 Lansing "A-D" 2958-3008'		
Well Fluid Type	01 Oil	Start Test Time	02:12:00
		Final Test Time	09:59:00
Start Test Date	2012/04/21		
Final Test Date	2012/04/21		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:

68'	WC GASSY MUD	35% GAS	13% WTR	52% MUD	
183'	WCMC GASSY OIL	30% GAS	40% OIL	15% WTR	15% MUD
251'	TOTAL FLUID				

TOOL SAMPLE:

20% GAS 50% OIL 20% WTR 10% MUD



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: janice2-14dst2

TIME ON: 19:50:00
 TIME OFF: 00:25:00

Company LD Drilling INC Lease & Well No. Janice #2-14
 Contractor Petromark Rig #2 Charge to LD Drilling Inc
 Elevation 1828 KB Formation Lansing "H-J" Effective Pay _____ Ft. Ticket No. S0132
 Date 4-22-12 Sec. 14 Twp. _____ 15 S Range _____ 12 W County Russell State KANSAS
 Test Approved By Josh Austin Diamond Representative Jacob McCallie

Formation Test No. 2 Interval Tested from 3098 ft. to 3170 ft. Total Depth 3170 ft.
 Packer Depth 3093 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3098 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3086 ft. Recorder Number 30035 Cap. 10000 P.S.I.
 Bottom Recorder Depth (Outside) 3167 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type Chem Viscosity 55 Drill Collar Length 119 ft. I.D. 2 1/4 in.
 Weight 8.9 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 5,000 P.P.M. Drill Pipe Length 2953 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 72 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: WSB- Built to 1/2" in 30 min NOBB
 2nd Open: _____

Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks: _____

TOOL SAMPLE:	Price Job
	Other Charges
	Insurance
	Total

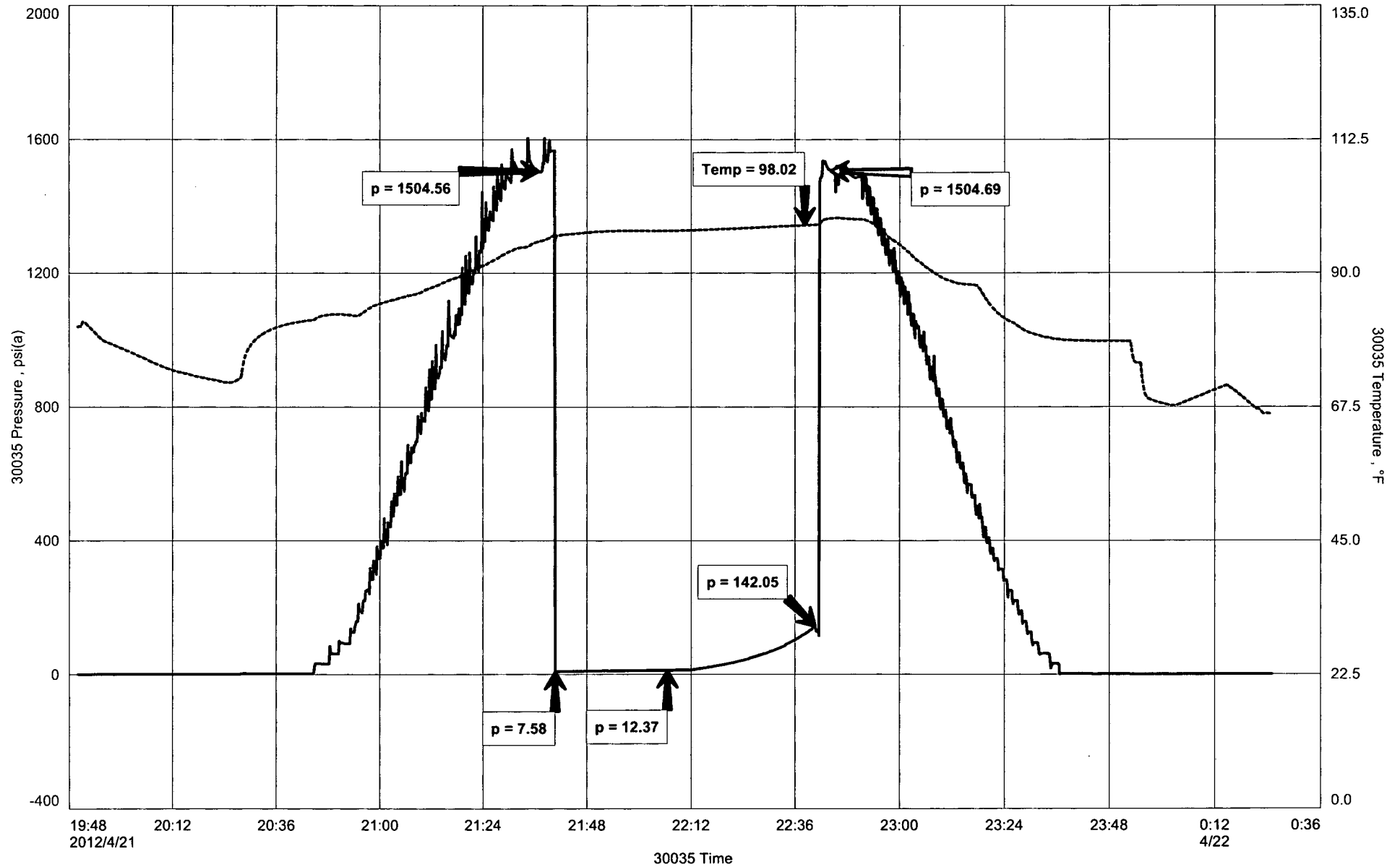
Time Set Packer(s) 9:40 PM A.M. P.M. Time Started Off Bottom 10:40 PM A.M. P.M. Maximum Temperature 98
 Initial Hydrostatic Pressure..... (A) 1505 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 12 P.S.I.
 Initial Closed In Period..... Minutes 30 (D) 142 P.S.I.
 Final Flow Period..... Minutes -- (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period..... Minutes -- (G) _____ P.S.I.
 Final Hydrostatic Pressure..... (H) 1505 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnet 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.

LD Drilling INC
DST #2 Lansing "H-J" 3098-3170'
Start Test Date: 2012/04/21
Final Test Date: 2012/04/22

Janice #2-14
Formation: DST #2 Lansing "H-J" 3098-3170'
Pool: In Field
Job Number: S0132

Janice #2-14



Diamond Testing

General information Report

General Information

Company Name LD Drilling INC

Contact	LD Davis	Job Number	S0132
Well Name	Janice #2-14	Representative	Jacob McCallie
Unique Well ID	DST #2 Lansing "H-J" 3098-3170'	Well Operator	LD Drilling INC
Surface Location	SEC 14-15S-12W Russell County	Report Date	2012/04/22
Well License Number		Prepared By	Jacob McCallie
Field	Hall-Gurney		
Well Type	Vertical		

Test Type	Drill Stem Test	Start Test Time	19:50:00
Formation	DST #2 Lansing "H-J" 3098-3170'	Final Test Time	00:25:00
Well Fluid Type	01 Oil		
Start Test Date	2012/04/21		
Final Test Date	2012/04/22		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:
5' mud 100% MUD
5' TOTAL FLUID

TOOL SAMPLE:
100% MUD



DIAMOND TESTING
 P.O. Box 157
 HOISINGTON, KANSAS 67544
 (800) 542-7313
DRILL-STEM TEST TICKET
 FILE: janice2-14dst3

TIME ON: 12:30:00

TIME OFF: 18:46:00

Company LD Drilling INC Lease & Well No. Janice #2-14
 Contractor Petromark Rig #2 Charge to LD Drilling Inc
 Elevation 1828 KB Formation Arbuckle Effective Pay _____ Ft. Ticket No. S0133
 Date 4-22-12 Sec. 14 Twp. _____ 15 S Range _____ 12 W County _____ Russell State KANSAS
 Test Approved By Josh Austin Diamond Representative Jacob McCallie

Formation Test No. 3 Interval Tested from 3235 ft. to 3308 ft. Total Depth 3308 ft.
 Packer Depth 3230 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
 Packer Depth 3235 ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
 Top Recorder Depth (Inside) 3223 ft. Recorder Number 30035 Cap. 10000 P.S.I.
 Bottom Recorder Depth (Outside) 3305 ft. Recorder Number 3851 Cap. 5,700 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.
 Mud Type Chem Viscosity 63 Drill Collar Length 119 ft. I.D. 2 1/4 in.
 Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 5,000 P.P.M. Drill Pipe Length 3090 ft. I.D. 3 1/2 in.
 Jars: Make STERLING Serial Number N/A Test Tool Length 26 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 73 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: 1/4" Blow- Built to 3 1/4" in 30 min NOBB
2nd Open: WSB- Built to 3 3/4" in 45 min NOBB

Recovered 123 ft. of Oil Specked Mud 100% MUD
 Recovered 123 ft. of TOTAL FLUID
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Remarks: _____
 Price Job _____
 Other Charges _____
 Insurance _____

TOOL SAMPLE: 100% MUD Total _____

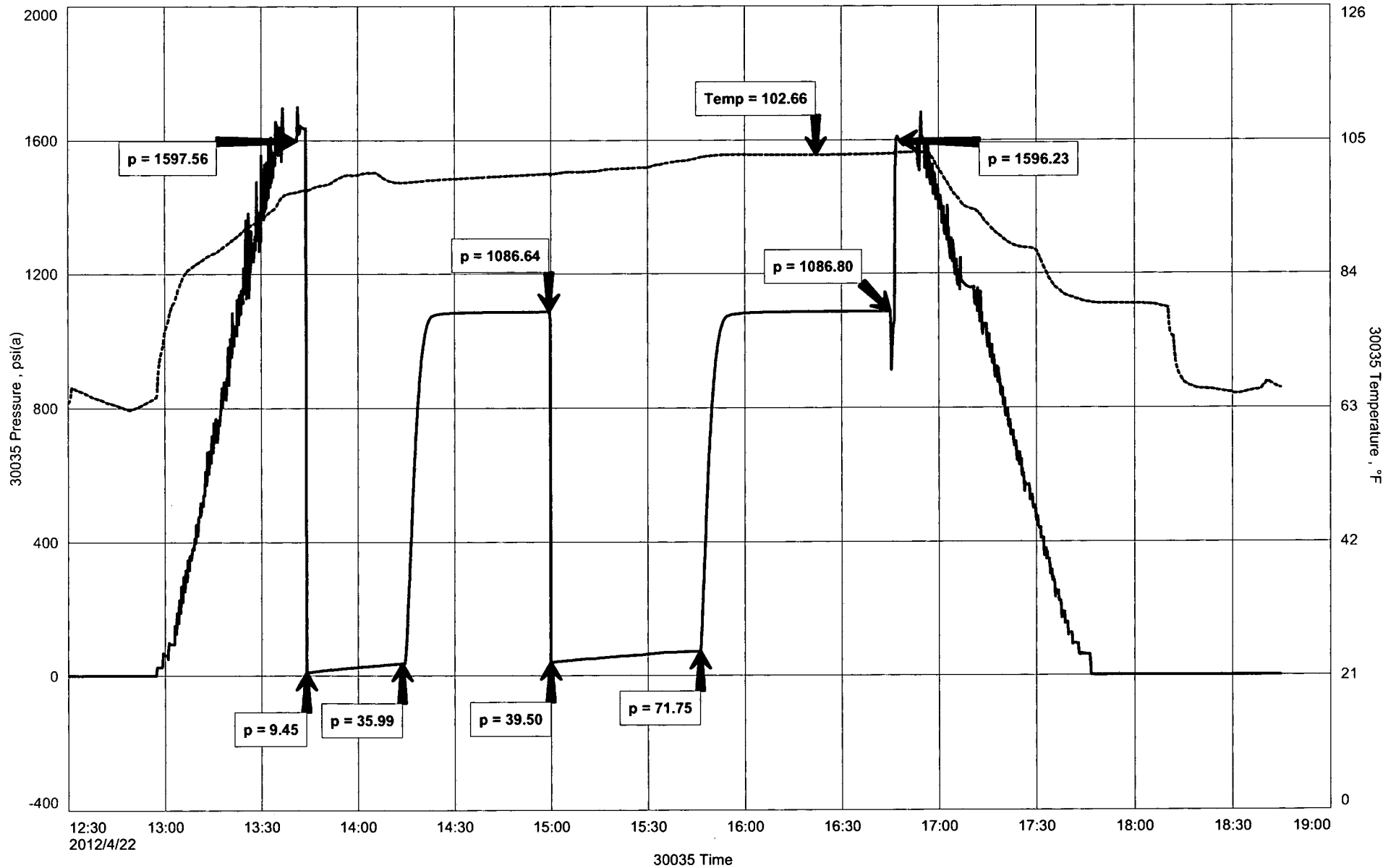
Time Set Packer(s) 1:44 PM A.M. P.M. Time Started Off Bottom 4:44 PM A.M. P.M. Maximum Temperature 103
 Initial Hydrostatic Pressure..... (A) 1598 P.S.I.
 Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 36 P.S.I.
 Initial Closed In Period..... Minutes 45 (D) 1087 P.S.I.
 Final Flow Period..... Minutes 45 (E) 40 P.S.I. to (F) 72 P.S.I.
 Final Closed In Period..... Minutes 60 (G) 1088 P.S.I.
 Final Hydrostatic Pressure..... (H) 1596 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.

LD Drilling INC
DST #3 Arbuckle 3235-3308'
Start Test Date: 2012/04/22
Final Test Date: 2012/04/22

Janice #2-14
Formation: DST #3 Arbuckle 3235-3308'
Pool: Infield
Job Number: S0133

Janice #2-14



Diamond Testing

General information Report

General Information

Company Name LD Drilling INC

Contact	LD Davis	Job Number	S0133
Well Name	Janice #2-14	Representative	Jacob McCallie
Unique Well ID	DST #3 Arbuckle 3235-3308'	Well Operator	LD Drilling INC
Surface Location	SEC 14-15S-12W Russell KS	Report Date	2012/04/22
Well License Number		Prepared By	Jacob McCallie
Field	Hall-Gurney		
Well Type	Vertical		

Test Type	Drill Stem Test		
Formation	DST #3 Arbuckle 3235-3308'		
Well Fluid Type	01 Oil	Start Test Time	12:30:00
		Final Test Time	18:46:00
Start Test Date	2012/04/22		
Final Test Date	2012/04/22		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:
123' Oil Specked Mud 100% OIL
123' TOTAL FLUID

TOOL SAMPLE:
100% MUD

OPERATOR

Company: L.D. Drilling, Inc.
 Address: 7 SW 26th AVE
 Great Bend, Kansas 67530

Contact Geologist:
 Contact Phone Nbr: 620-793-3051
 Well Name: Janice 2-14
 Location: 8 5/8" @ 522'
 Pool:
 State: Kansas, Russell Co.

API: 15-167-23794-00-00
 Field: Hall-Gurney
 Country: USA



Musgrove

**PETROLEUM
 CORPORATION**
 Claflin, Kansas

Scale 1:240 Imperial

Well Name: Janice 2-14
 Surface Location: 8 5/8" @ 522'
 Bottom Location:
 API: 15-167-23794-00-00
 License Number:
 Spud Date: 4/17/2012 Time: 3:34 PM
 Region: N2-Se-Se-Sw 14-15s-12w
 Drilling Completed: 4/23/2012 Time: 1:50 AM
 Surface Coordinates: 390' From South Line & 2310' From West Line
 Bottom Hole Coordinates:
 Ground Elevation: 1823.00ft
 K.B. Elevation: 1828.00ft
 Logged Interval: 2600.00ft To: 3360.00ft
 Total Depth: 3360.00ft
 Formation: Lansing
 Drilling Fluid Type: Chemical mud displaced at 2598'

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude:
 N/S Co-ord: 390' From South Line
 E/W Co-ord: 2310' From West Line
 Latitude:

LOGGED BY

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

CONTRACTOR

Contractor: Petromark Drilling LLC
 Rig #: 2
 Rig Type: mud rotary
 Spud Date: 4/17/2012 Time: 3:34 PM
 TD Date: 4/23/2012 Time: 1:50 AM
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 1828.00ft Ground Elevation: 1823.00ft

K.B. to Ground: 5.00ft

NOTES

L.D. Drilling, Inc.

well comparison sheet

DRILLING WELL Janice 2-14					COMPARISON WELL Kaufman 3				COMPARISON WELL Kaufman 'A' 1			
1828 KB					1802 KB		Structural Relationship		1839 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	2870	-1042	2870	-1042	2840	-1038	-4	-4	2880	-1041	-1	-1
Toronto	2888	-1060	2887	-1059					2896	-1057	-3	-2
Douglas	2902	-1074	2901	-1073					2913	-1074	FLAT	1
Brown Lime	2953	-1125	2954	-1126	2930	-1128	-3	2	2966	-1127	-2	1
Lansing	2964	-1136	2964	-1136					2976	-1137	-1	1
Base KC	3238	-1410	3238	-1410					3239	-1400	-10	-10
Conglomerate	3266	-1438	3260	-1432	3220	-1418	-20	-14	3264	-1425	-13	-7
Arbuckle	3302	-1474	3296	-1468	3265	-1463	-11	-5	N/A			
Total Depth	3360	-1532	3361	-1533	3297	-1495			3310	-1471		

Diamond Testing

General information Report

General Information

Company Name LD Drilling Inc

Contact	LD Devic	Job Number	3033
Well Name	Janice #2-14	Representative	Jacob McCallie
Unique Well ID	DST #1 Lansing "A-D" 2968-3008	Well Operator	LD Drilling Inc
Surface Location	SEC 14-168-12W Russell County	Report Date	2012/04/21
Well License Number		Prepared By	Jacob McCallie
Field	Hall-Gurney		
Well Type	Vertical		

Test Type	Drill Stem Test	Start Test Time	02:12:00
Formation	DST #1 Lansing "A-D" 2968-3008	Final Test Time	08:58:00
Well Fluid Type	D1 Oil		
Start Test Date	2012/04/21		
Final Test Date	2012/04/21		
Gauge Name	30035		
Gauge Serial Number			

Test Results

RECOVERED:
 8' WC GASBY MUD 55% GAS 19% WTR 52% MUD
 18' WCMO GASBY OIL 90% GAS 40% OIL 15% WTR 16% MUD
 26' TOTAL FLUID

TOOL SAMPLE:
 20% GAS 50% OIL 20% WTR 10% MUD

LD Drilling Inc
 DST #1 Lansing "A-D" 2968-3008
 Start Test Date: 2012/04/21
 Final Test Date: 2012/04/21

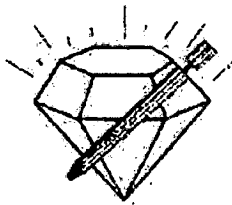
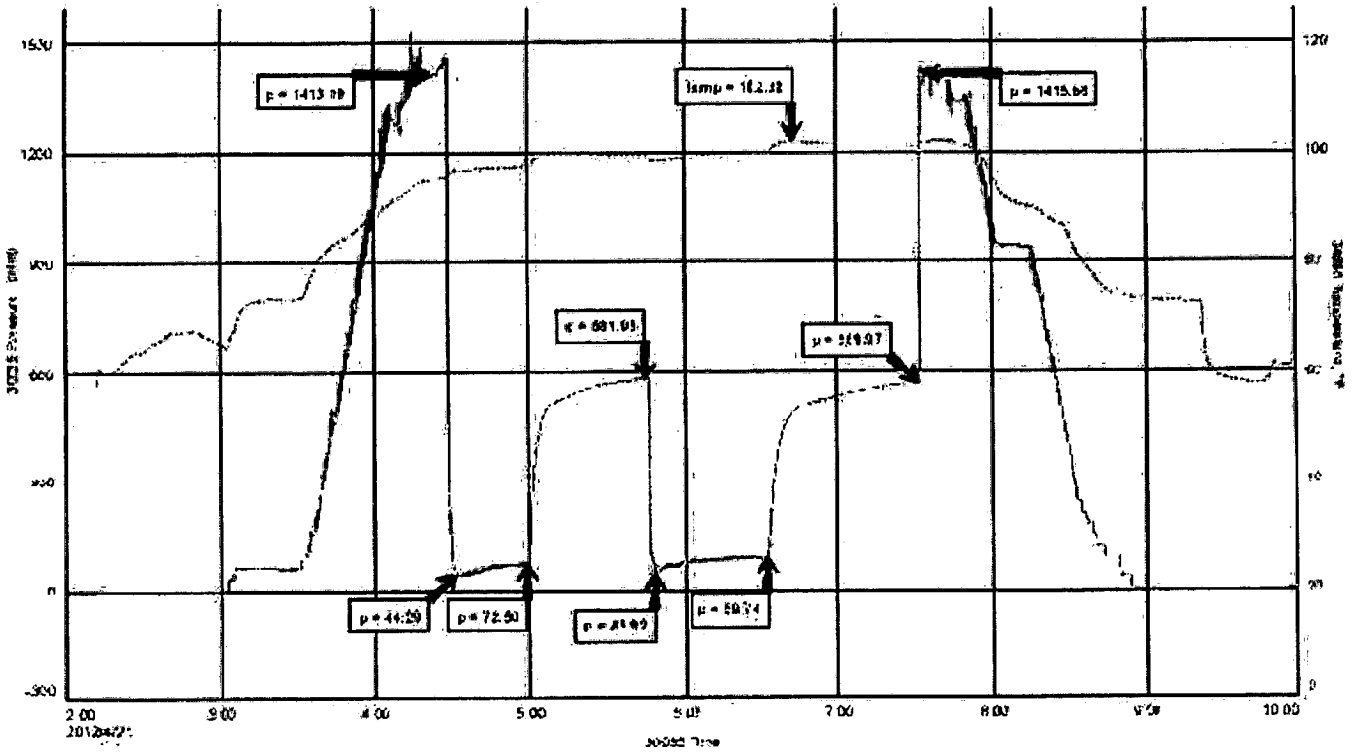
Janice #2-14
 Formation: DST #1 Lansing "A-D" 2968-3008
 Pool, in Field
 Job Number: 58131

Janice #2-14

1530

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147



DIAMOND TESTING
P. O. Box 157
HOISINGTON, KANSAS 67544
(316) 863-7550
GAS VOLUME REPORT

Company: L.D. Drilling Inc. Lease & Well No. Janice #2-14
Date 4-21-12 Sec. 14 Twp. 15 S Rge. 12 W Location _____ County Russell State KS
Drilling Contractor Petromark Rig #2 Formation Lansing "A-D" DST No. 1
Remarks: Gas to surface 3 1/2 minutes into initial flow
Sample Taken at 18 minutes into initial flow

INITIAL FLOW

Time O'Clock	Orifice Size	Gauge	CF/D
10	.25 in.	6 PSI in.	86.3 MCF/D
15	" in.	14 PSI in.	141 MCF/D
20	" in.	18 PSI in.	166 MCF/D
25	" in.	19 PSI in.	171 MCF/D
30	" in.	19 PSI in.	171 MCF/D
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	
	in.	in.	

FINAL FLOW

Time O'Clock	Orifice Size	Gauge	CF/D
5	.25 in.	10 psi in.	116 MCF/D
10	" in.	10 psi in.	116 MCF/D
15	" in.	8 psi in.	101 MCF/D
20	" in.	7 psi in.	94.5 MCF/D
25	" in.	7 psi in.	94.5 MCF/D
30	" in.	7 psi in.	94.5 MCF/D
35	" in.	7 PSI in.	94.5 MCF/D
40	" in.	8 psi in.	101 MCF/D
45	" in.	8psi in.	101 MCF/D
	in.	in.	

General Information

Company Name LD Drilling INC
 Contact LD Davis
 Well Name Janice #2-14 Job Number 80132
 Unique Well ID DST #2 Landing "H-J" 3098-3170 Representative Jacob McCallie
 Surface Location SEC 14-16S-12W Russell County Well Operator LD Drilling INC
 Well Licence Number Report Date 2012/04/22
 Field Hall-Gurney Prepared By Jacob McCallie
 Well Type Vertical
 Test Type Drill Stem Test
 Formation DST #2 Landing "H-J" 3098-3170
 Well Fluid Type O1 Oil Start Test Time 18:00:00
 Final Test Time 00:25:00
 Start Test Date 2012/04/21
 Final Test Date 2012/04/22
 Gauge Name 30036
 Gauge Serial Number

Test Results

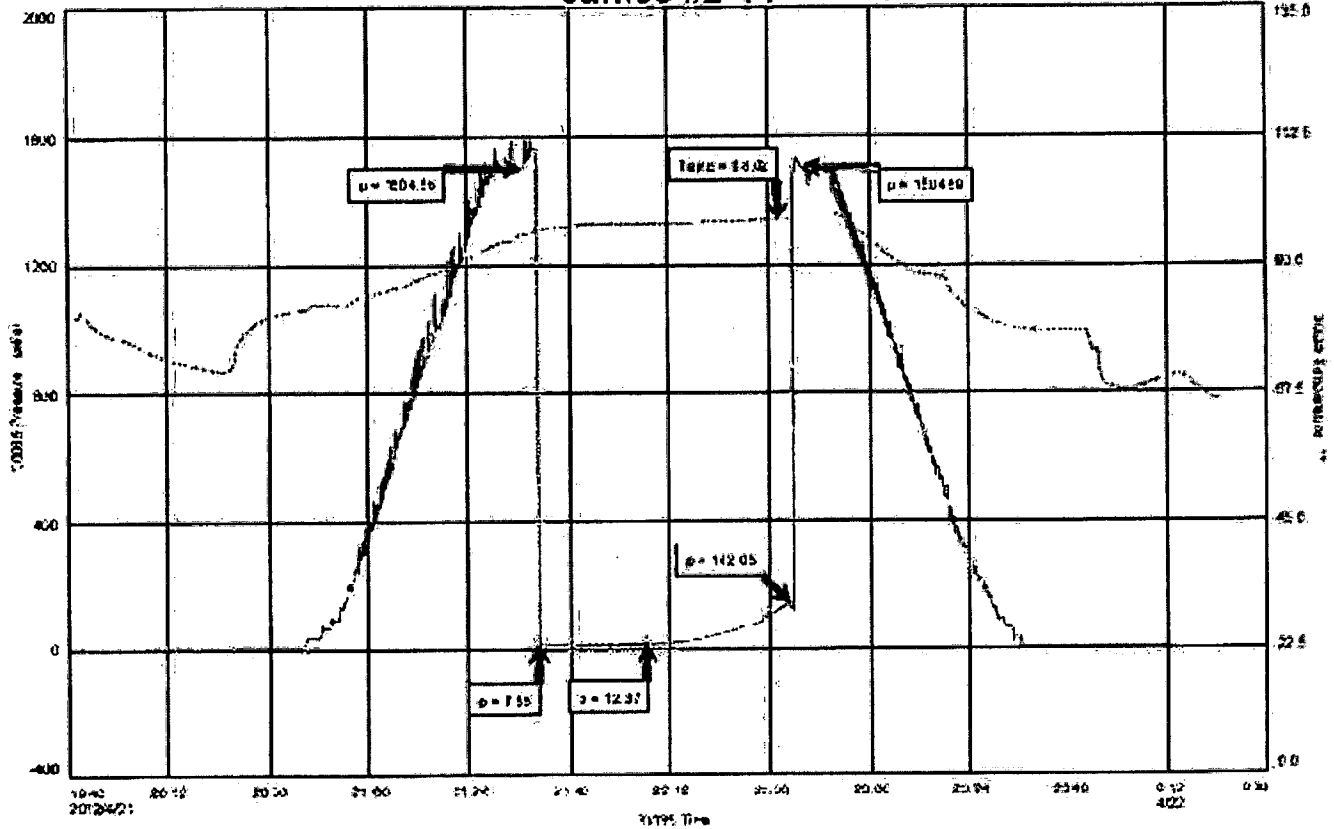
RECOVERED:
 5 mud 100% MUD
 5 TOTAL FLUID

TOOL SAMPLE:
 100% MUD

LD Drilling INC
 DST #2 Landing "H-J" 3098-3170
 Start Test Date: 2012/04/21
 Final Test Date: 2012/04/22

Janice #2-14
 Formation: DST #2 Landing "H-J" 3098-3170
 Well In Field
 Job Number 80132

Janice #2-14



General Information

Company Name LD Drilling INC
 Contact LD Davis
 Well Name Janice #2-14 Job Number 80133
 Unique Well ID DST #3 Arbuckle 3236-3308 Representative Jacob McCallie
 Surface Location SEC 14-55S-12W Russell Co. Well Operator LD Drilling INC
 Well Licence Number Report Date 2012/04/22
 Field Hall-Gurney Prepared By Jacob McCallie
 Well Type Vertical
 Test Type Drill Stem Test
 Formation DST #3 Arbuckle 3236-3308
 Well Fluid Type O1 Oil Start Test Time 12:30:00
 Final Test Time 18:46:00
 Start Test Date 2012/04/22
 Final Test Date 2012/04/22

Gauge Name
Gauge Serial Number

31006

Test Results

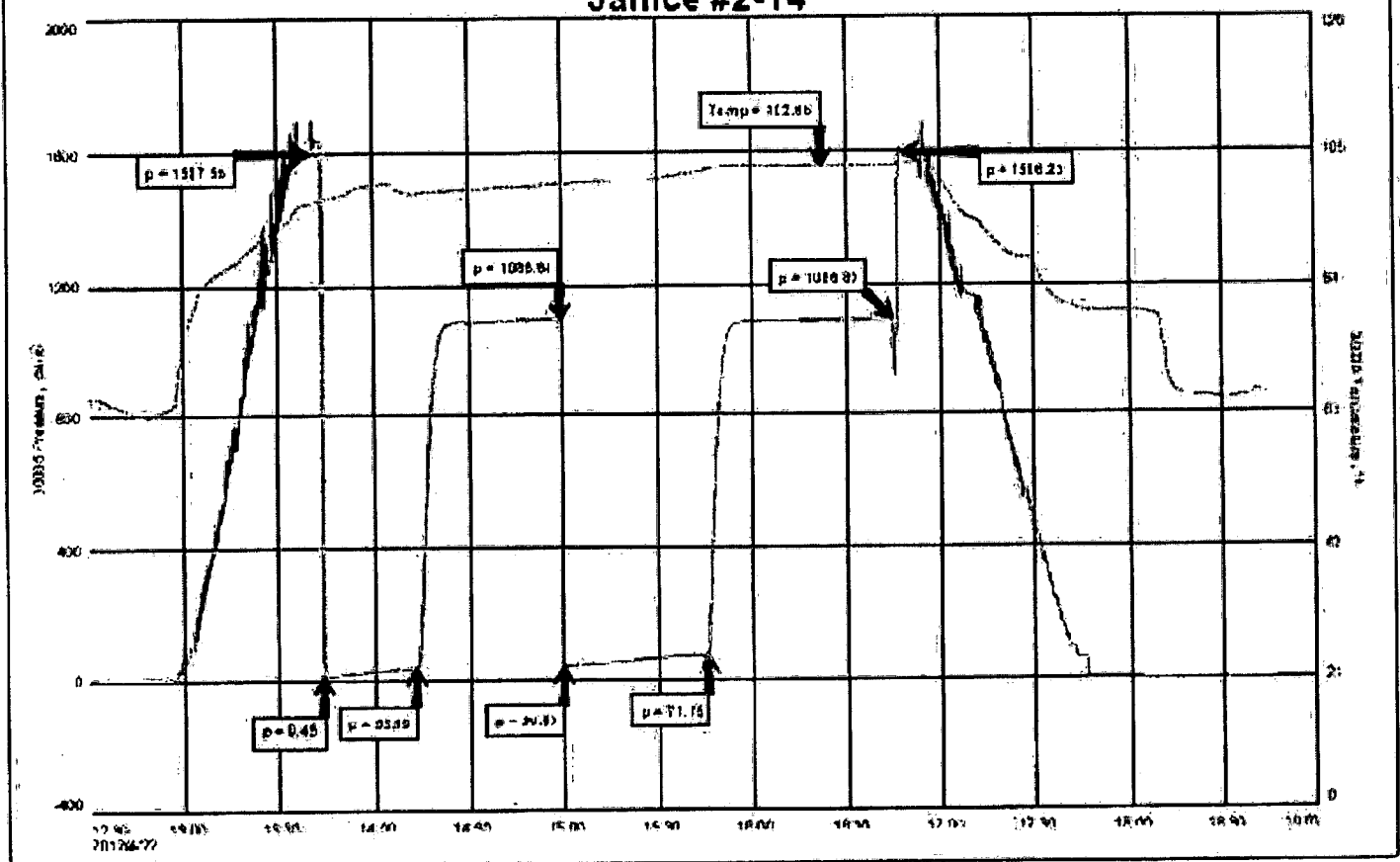
RECOVERED:
123' Oil Spooled Mud 160% OIL
123' TOTAL FLUID

TOOL SAMPLE:
100% MUD

LC Drilling INC
OGT #3 Arbuckle 3235-3308
SSR Test Date: 2012/04/22
Final Test Date: 2012/04/22

Janice #2-14
Formation: OGT #3 Arbuckle 3235-3308
POD: ITMERC
Job Number: OG153

Janice #2-14



ROCK TYPES

Congl	Dolsec	shale, gry	Igne
Chtcongl	Lmst fw7>	Carbon Sh	
Dolprim	shale, gm	Ss	

ACCESSORIES

MINERAL	FOSSIL	TEXTURE
▲ Chert, dark	○ Crinoids	C Chalky
△ Chert White	F Fossils < 20%	
Mo Mica	◇ Oolite	
	⬢ Oomoldic	

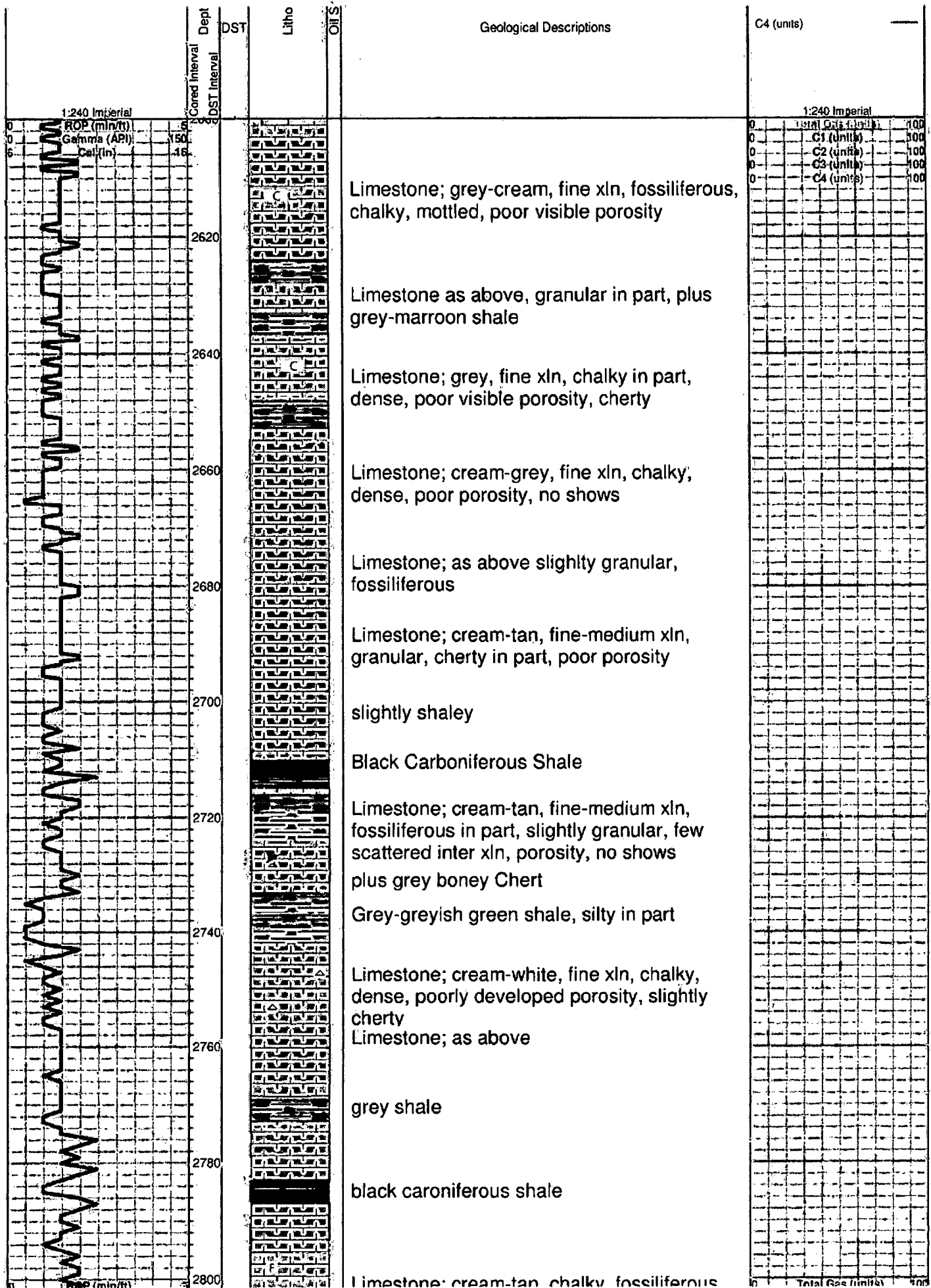
OTHER SYMBOLS

DST

- DST Int
- ▨ DST all
- Core
- || tail pipe

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

Curve Track #1					TG, C1 - C5
ROP (min/ft)	—				Total Gas (units)
Gamma (API)	—	h Intervals			C1 (units)
Cal (in)	—		logy		C2 (units)
			how		C3 (units)



Limestone; grey-cream, fine xln, fossiliferous, chalky, mottled, poor visible porosity

Limestone as above, granular in part, plus grey-maroon shale

Limestone; grey, fine xln, chalky in part, dense, poor visible porosity, cherty

Limestone; cream-grey, fine xln, chalky, dense, poor porosity, no shows

Limestone; as above slightly granular, fossiliferous

Limestone; cream-tan, fine-medium xln, granular, cherty in part, poor porosity

slightly shaley

Black Carboniferous Shale

Limestone; cream-tan, fine-medium xln, fossiliferous in part, slightly granular, few scattered inter xln, porosity, no shows plus grey boney Chert

Grey-greyish green shale, silty in part

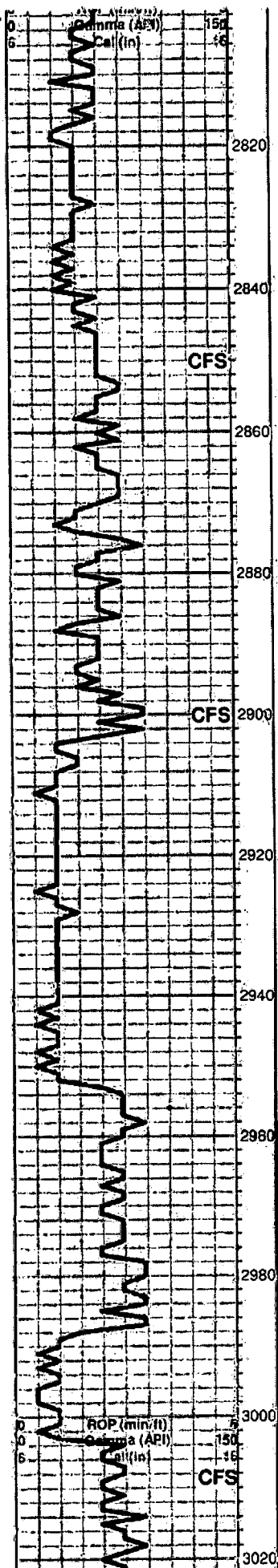
Limestone; cream-white, fine xln, chalky, dense, poorly developed porosity, slightly cherty

Limestone; as above

grey shale

black carboniferous shale

Limestone; cream-tan, chalky, fossiliferous



Limestone, cream-tan, chalky; fossiliferous, poorly developed porosity, no shows

Limestone; grey-cream, fine-medium xln, few scattered inter xln porosity, trace grey stain, NSFO, trace gas bubble

Limestone; as above, trace gas bubbles, NSFO

Limestone; cream-white-buff, fine xln, chalky, fossiliferous/oolitic, slightly dolomitic, dense, poor visible porosity, no shows

HEEBNER 2870 (-1042)

Black Carboniferous Shale

grey-green shale

TORONTO 2888 (-1060)

Limestone; cream-buff, fine-medium xln, chalky, dolomitic in part, fossiliferous, fair inter xln porosity, golden brown-brown stain, trace spotty free oil (1 piece), faint odor

DOUGLAS 2902 (-1074)

Shale; grey-greyish green-maroon, slightly silty, micaceous in part

Sand; grey-greyish green, very fine grained, sub angular, sub rounded, friable, micaceous, poorly developed porosity, no shows

Shale; dark grey-greyish green, soft, silty in part

BROWN LIME 2953 (-1125)

Limestone; tan-brown, fine xln, dense, fossiliferous, cherty in part

LANSING 2964 (-1136)

Limestone; cream-tan, fine xln, fossiliferous, chalky, dense, trace vuggy-inter xln porosity, brown stain, trace free oil, no odor

Limestone; cream-tan-grey, oolitic, oomoldic, good oomoldic porosity, dark brown stain, spotty SFO, gas bubbles, fair odor

Limestone; cream-grey, fine xln, dense chalky in part, sub oomoldic-oolitic

Limestone; cream-buff, fine-med xln, fossiliferous/oolitic, few scattered porosity,

C1 (units)	100
C2 (units)	100
C3 (units)	100
C4 (units)	103

DST #1 2958-3008
30-45-45-60

Blow; Strong, GTS in 3 1/2 minutes
no blow back
Final; GTS in 30 sec
BOB blow back

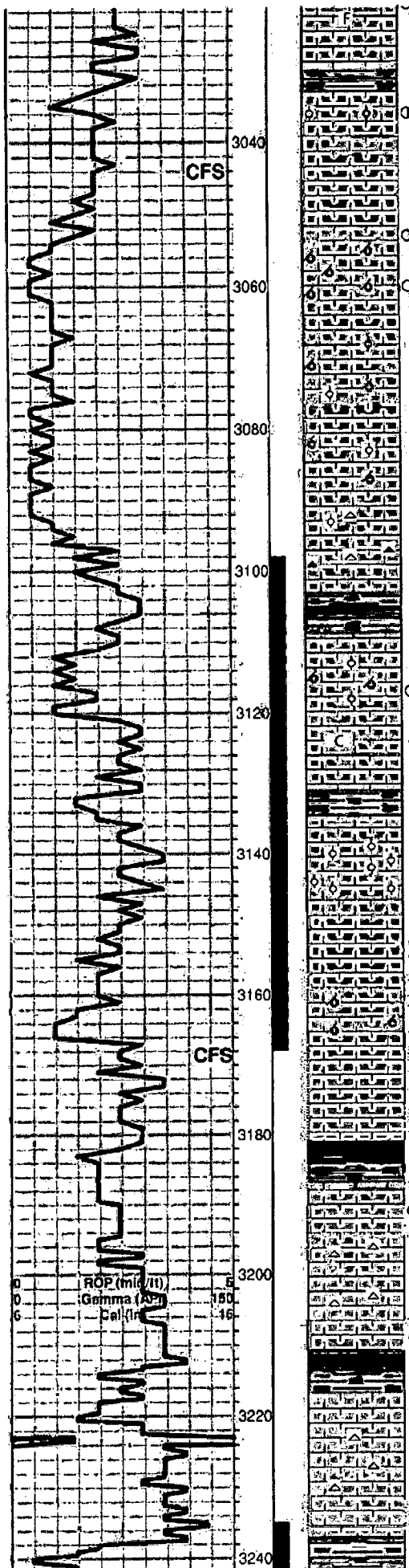
Gas Gauged as Followed;

Initial	MCF/D
min	
10	86.3
20	166
30	171

Final	MCF/D
min	
10	116
20	94.5
30	94.5
40	101

Recovery;
68' sli wcgm
183' mcgo
(30%G 40%O 15%W
15% M)

Pressure
ISIP 582
FSIP 570
IFP 44-73



trace brown stain, questionable spotty SFO, very faint odor

trace LS; cream, fossiliferous, fair porosity, trace brown stain, trace spotty FO (1 piece) no odor

Limestone; white-cream, fine xln, chalky, poor visible porosity; no shows

Limestone; cream-tan, oomoldic, chalky in part, fair-good oomoldic porosity, trace brown stain, NSFO, no odor

Limestone; cream-buff, sub oomoldic, fair oomoldic porosity, no shows

Limestone; as above, plus chalky white-cream, fine xln, Limestone

trace grey smokey Chert

black-grey shale

Limestone; cream, fine-medium xln, oolitic in part, few oomoldic type porosity, trace brown spotty stain, NSFO, very faint odor

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

Limestone; cream-tan-grey, fine-medium xln, dense in part, highly oolitic, poorly developed porosity, no shows

Limestone; cream-white, fine xln, chalky, sub oomoldic, few oomoldic porosity, no shows

plus white boney Chert

black carboniferous shale

Limestone; cream-lt. grey, fine xln, chalky, inter xln type porosity, trace golden brown-brown stain, trace spotty free oil, no odor plus white-grey fossiliferous, boney, Chert

black carboniferous shale

Limestone; lt. grey-buff, fine xln, dense, cherty, poor visible porosity, no shows, plus orange-amber boney Chert

BASE KANSAS CITY 3238 (-1410)

grey-green shale, silty in part

FFP 46-90
HSH 1413-1416

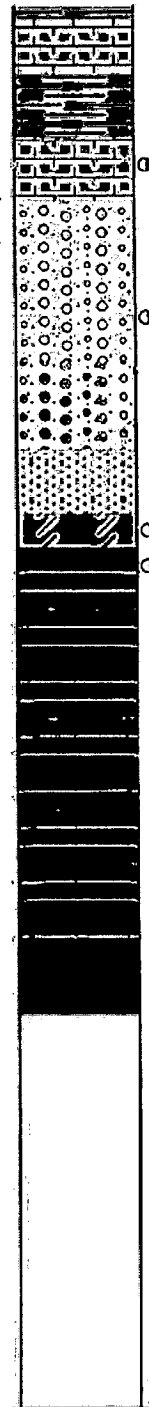
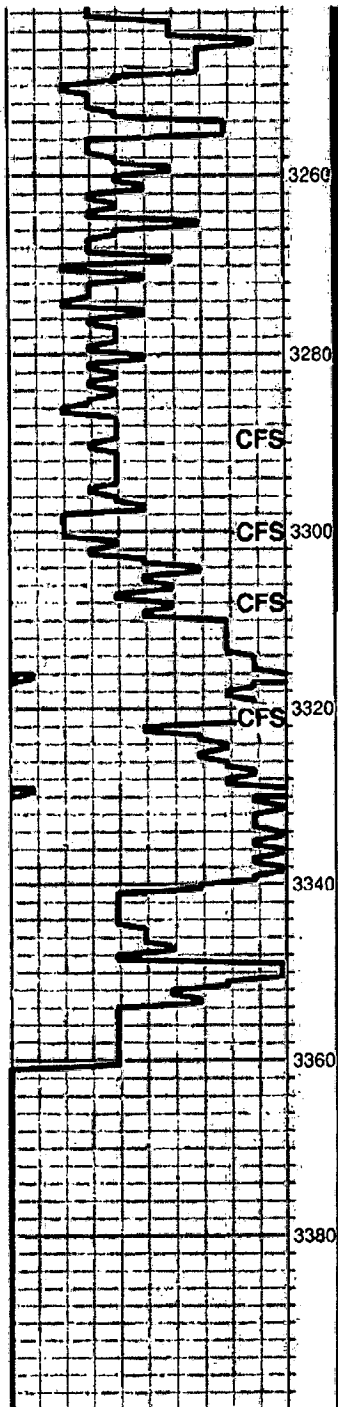
DST #2 3098-3170
30-30-X-X

Blow; weak 1/2"

Recovery;
5' mud

Pressures;
ISIP 142
FSIP X
IFP 8-12
FFP X
HSH 1505-1505

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



grey green shale, cherty in part

Limestone; cream-white, fine xln, chalky
grey-maroon-green shale

Limestone; cream, chalky, "sandy/granular",
poor visible porosity

CONGLOMERATE

Shale and Chert; variety of colors
plus loose unconsolidated Quartz grains
Shale; brick red soft/gummy plus Chert;
variety of colors, boney, few tripolitic

Gorham Sand 3288 (-1460)

Sand; med-coarse grained, fair intergranular
porosity, brown stain, spotty SFO, faint odor

REWORKED ARBUCKLE 3296 (-1468)

ARBUCKLE 3302 (-1474)

Dolomite; cream-buff, fine xln, sucrosic in
part, few inter xln porosity, trace brown-black
stain, slight SFO, faint odor

Dolomite; white-cream, fine-medium xln,
slightly sucrosic, inter xln porosity,
"sandy/granular, cherty in part, no shows,
plus grey-white Chert

Dolomite as above
Sandy/granular, scattered porosity

Quartz; clear-pink

ROTARY TOTAL DEPTH 3360 (-1532)

DST #3 3235-3308 30-45-45-60
Blow; built to 3 1/2" no blow back Final; built to 3 3/4" no blow back
Recovery; 123' oil specked Mud
Pressures; ISIP 1087 FSIP 1088 IFP 9-36 FFP 40-72 HSH 1598-1596