



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
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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: _____



1087942

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 <i>(Specify)</i> _____	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	Top	Datum
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	Tyep 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
PRODUC TION	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>PKA # K5</i>	Casing <i>8 5/8</i>
		Depth <i>521'</i>
Type Job <i>CNW</i>	Formation <i>8 5/8 SURFACE</i>	Legal Description <i>14-15-12</i>
		County <i>Russell</i>
		State <i>KS</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>								5 Min.
Depth <i>521'</i>	Depth	From	To	Pre Pad	Max			
Volume <i>32</i>	Volume	From	To	Pad	Min			10 Min.
Max Press <i>300</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>P.C</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <i>506</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>37910</i>	<i>33708</i>	<i>20920</i>	<i>19837</i>	<i>21010</i>				
Driver Names	<i>Bullman Nelson</i>	<i>Robert Johnson</i>	<i>Young</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>8:00 am</i>					<i>on loc. Safety meeting</i>
					<i>Run 13 STS 8 5/8 24 csg.</i>
<i>10:55</i>					<i>Casing on Bottom</i>
<i>11:00</i>					<i>Hook up to Casing</i>
<i>11:05</i>	<i>150</i>		<i>3</i>	<i>3</i>	<i>1st SPACER</i>
			<i>66</i>	<i>4.5</i>	<i>mix 175 sk A-con cont 2% cc of 1/4" ch alkali</i>
			<i>21</i>		<i>mix 100 sk cement 2% cc of 1/4" ch alkali</i>
					<i>Shot down AND Release Plug</i>
				<i>4</i>	<i>1st Drop</i>
<i>11:30</i>	<i>350</i>		<i>32</i>		<i>plug Annul</i>
					<i>circulated 20 BBL cont Pit</i>
					<i>503 Complete</i>
					<i>Thank you</i>



BASICSM
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 4-23-12	DISTRICT PRATT KS	NEW WELL <input type="checkbox"/>	OLD WELL <input checked="" type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER L.D. Drilling	LEASE JANICE	2-14 WELL NO.							
ADDRESS	COUNTY Russell	STATE KS							
CITY	STATE	SERVICE CREW Sullivan, Wright, Lorraine							
AUTHORIZED BY	JOB TYPE: CNW 5 1/2" Long 5 1/2"								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
33708-20910	40 min						4-23-12	AM	6:00
19826-19862	40 min					ARRIVED AT JOB		AM	11:00
37900						START OPERATION		AM	1:30
						FINISH OPERATION		AM	2:10
						RELEASED		AM	2:45
						MILES FROM STATION TO WELL			85

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: L.D. Drilling
(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 103	6x1/4 per	SK	30		360.00
CC 107	colfike	lb	38		140.60
CC 112	CMT 3/4" Redox	lb	43		258.00
CC 113	9.1PS4 m	lb	205		528.75
CC 129	HA-322	lb	43		322.50
CC 200	CMT gel	lb	292		70.50
CF 103	TOP Rubber Plug 5 1/2"	SA	1		105.00
CF 251	Slide Shoe	SA	1		230.00
CF 1451	Flapper Insert	SA	1		213.00
CF 1051	Taskolizer	SA	6		660.00
CC 151	man-flush	gal	1,000		860.00
E 103	Duck m	mi	85		361.25
E 101	Heavy gmt	mi	120		1,190.00
E 113	Bulk Delivery	TM	210		1,135.60
CR 204	Depth change	SA	1		2,160.00
CE 240	Blowby - 1/2"	SK	130		252.00
CE 504	Plug Constant	S,2	1		250.00
5003	Sprayed Sealant	SN	1		175.00
SUB TOTAL					9,239.42

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE Robert Sullivan

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: L.D. Drilling By D. Scott
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer <i>L. D. [unclear]</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>	County <i>Russell</i>	State <i>KS</i>
Type Job <i>CONV 5 1/2" 6.25 ST</i>			Formation	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	
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>1-2</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>[Signature]</i>
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Service Units	<i>37400</i>	<i>33708</i>	<i>20930</i>	<i>19406</i>	<i>19860</i>				
Driver Names	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>11:00</i>					<i>CONV LOC SET, [unclear]</i>
					<i>Run 80 5" 2 1/2" 12 150</i>
<i>12:30</i>					<i>Change at Bottom</i>
<i>12:40</i>					<i>Hook up gas</i>
<i>1:30</i>	<i>150</i>		<i>24</i>	<i>3</i>	<i>1st 1000 - fluid</i>
			<i>5</i>		<i>1st 5000</i>
			<i>30</i>	<i>4.5</i>	<i>min 1500 st comm at 1390</i>
					<i>CONV with shut down with 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th</i>
			<i>60</i>	<i>5.5</i>	<i>1st 1000</i>
	<i>250</i>				<i>1st 1000</i>
	<i>450</i>		<i>20</i>	<i>3</i>	<i>1st 1000</i>
<i>2:10</i>	<i>1,000</i>		<i>82</i>		<i>Plug down</i>
			<i>7</i>		<i>Plug 24 up 30 st cap 1000</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: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

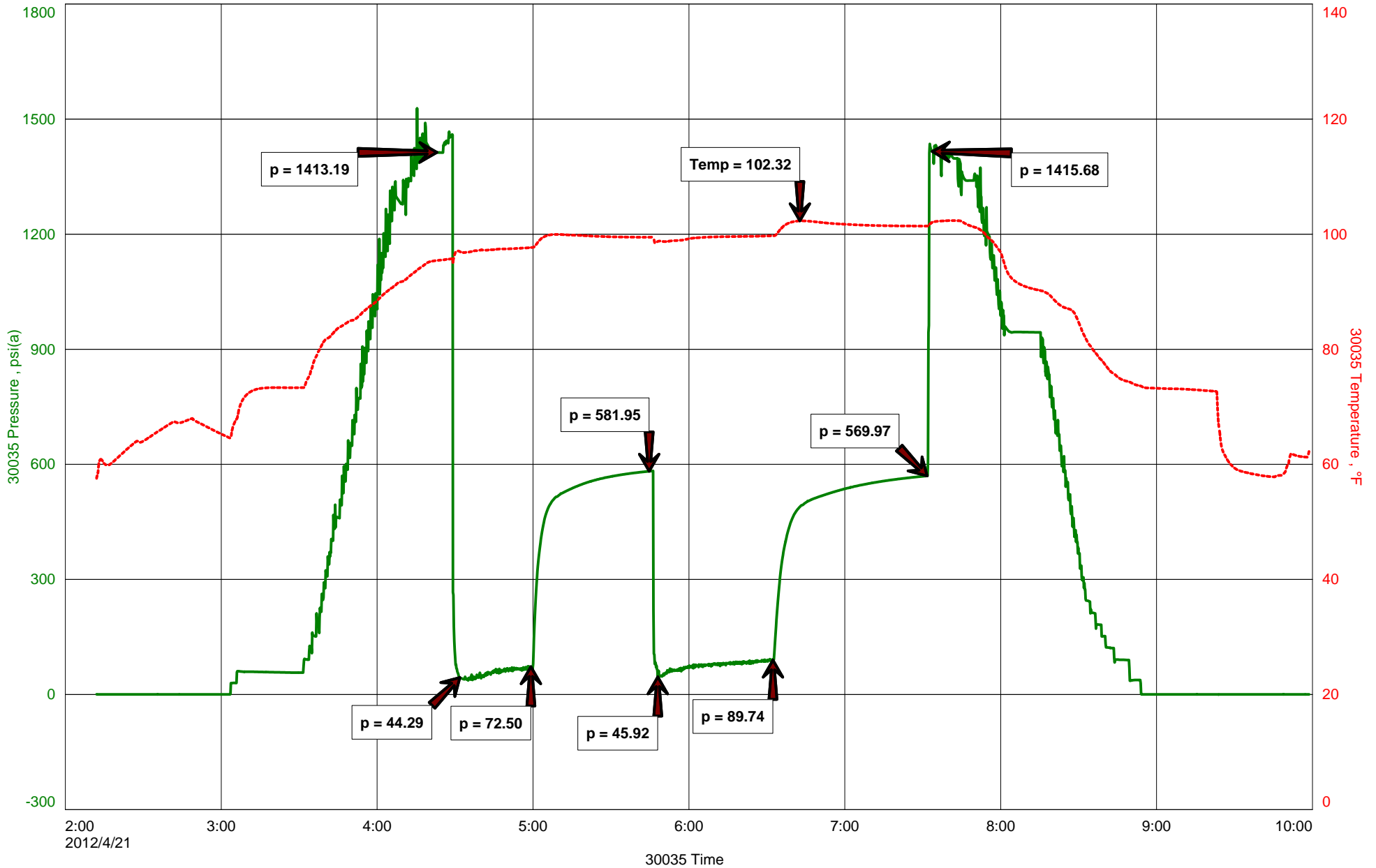
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	Price Job Other Charges Insurance Total
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Remarks: _____	

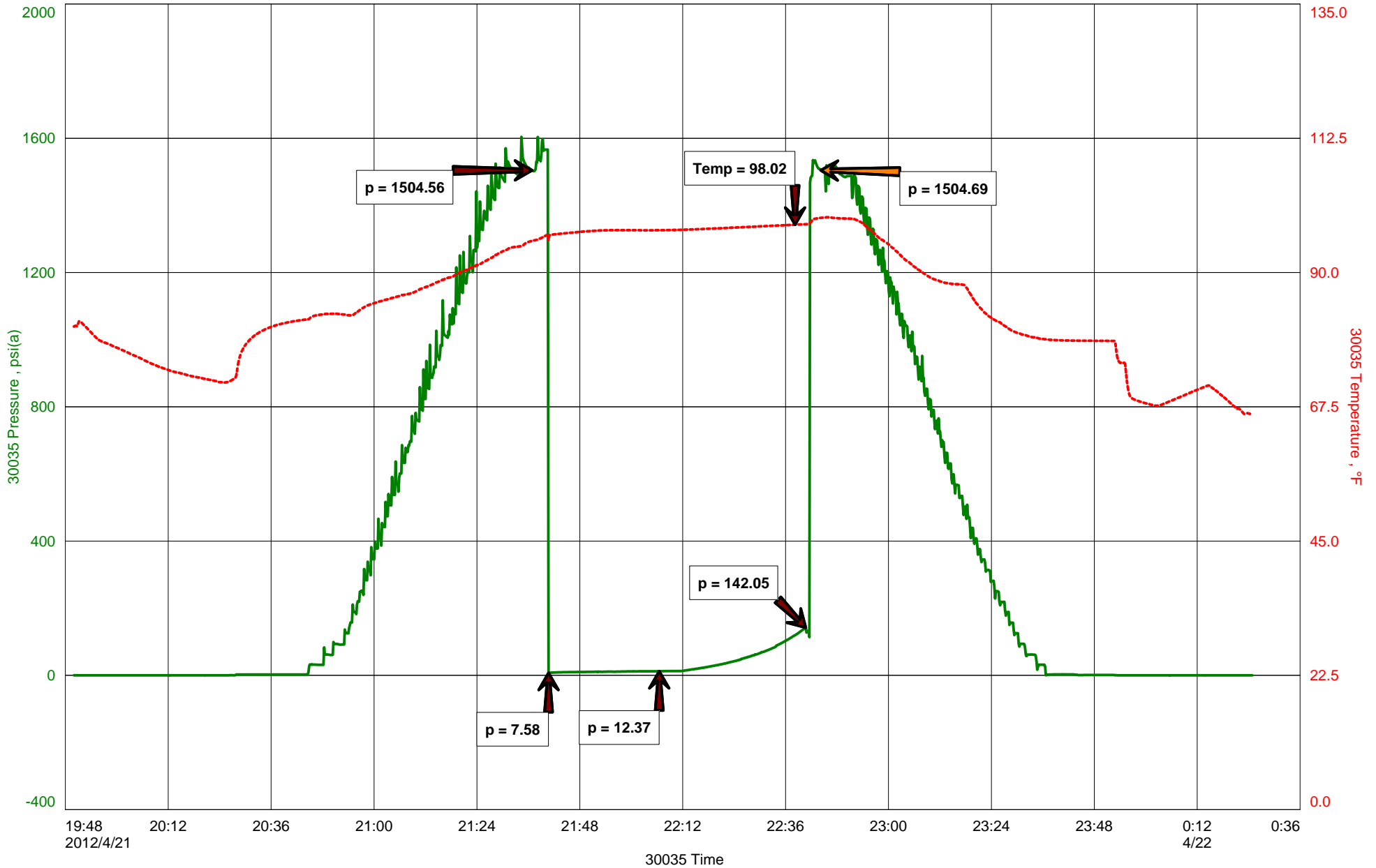
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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 #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: _____

TIME ON: _____
TIME OFF: _____

Company _____ Lease & Well No. _____
Contractor _____ Charge to _____
Elevation _____ Formation _____ Effective Pay _____ Ft. Ticket No. _____
Date _____ Sec. _____ Twp. _____ S Range _____ W County _____ State **KANSAS**
Test Approved By _____ Diamond Representative _____

Formation Test No. _____ Interval Tested from _____ ft. to _____ ft. Total Depth _____ ft.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Packer Depth _____ ft. Size 6 3/4 in. Packer depth _____ ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Bottom Recorder Depth (Outside) _____ ft. Recorder Number _____ Cap. _____ P.S.I.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type _____ Viscosity _____ Drill Collar Length _____ ft. I.D. 2 1/4 in.
Weight _____ Water Loss _____ cc. Weight Pipe Length _____ ft. I.D. 2 7/8 in.
Chlorides _____ P.P.M. Drill Pipe Length _____ ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number _____ Test Tool Length _____ ft. Tool Size 3 1/2-IF in.
Did Well Flow? _____ Reversed Out _____ Anchor Length _____ ft. Size 4 1/2-FH in.
Main Hole Size 7 7/8 Tool Joint Size 4 1/2 in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: _____
2nd Open: _____

Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	
Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
	Total

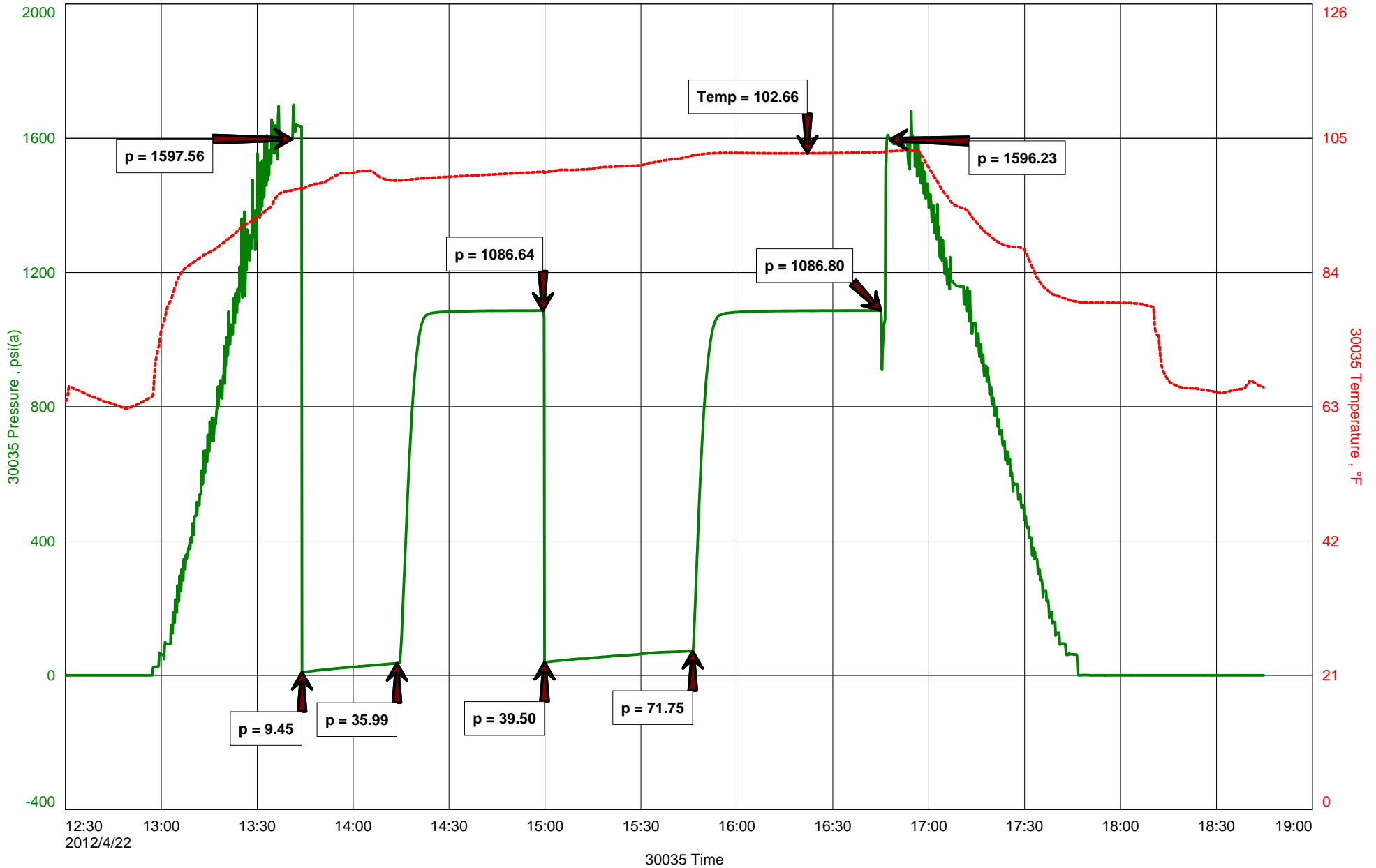
Time Set Packer(s) _____ A.M. P.M. Time Started Off Bottom _____ A.M. P.M. Maximum Temperature _____
Initial Hydrostatic Pressure..... (A) _____ P.S.I.
Initial Flow Period..... Minutes _____ (B) _____ P.S.I. to (C) _____ P.S.I.
Initial Closed In Period..... Minutes _____ (D) _____ P.S.I.
Final Flow Period..... Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
Final Closed In Period..... Minutes _____ (G) _____ P.S.I.
Final Hydrostatic Pressure..... (H) _____ 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

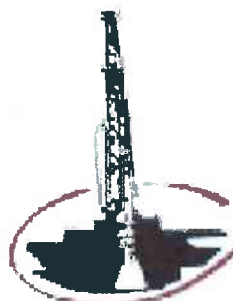
TOOL SAMPLE:
100% MUD

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

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					COMPARISON WELL				COMPARISON WELL			
Janice 2-14					Kaufman 3				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 Drilling Inc
 Well Name: Janice #2-14
 Unique Well ID: DST #1 Lansing "A-D" 2958-3008
 Surface Location: SEC 14-16E-12W Russell County
 Well License Number: 30335
 Field: Hart-Gurney
 Well Type: Vertical

Job Number: 30335
 Representative: Jacob McCasie
 Well Operator: LD Drilling Inc
 Report Date: 2012/04/21
 Prepared By: Jacob McCasie

Test Type: Drill Stem Test
 Formation: DST #1 Lansing "A-D" 2958-3008
 Well Fluid Type: DI Oil

Start Test Time: 02:12:00
 Final Test Time: 08:58:00

Start Test Date: 2012/04/21
 Final Test Date: 2012/04/21

Gauge Name: 30036
 Gauge Serial Number: 30036

Test Results

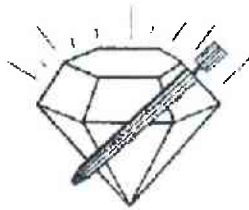
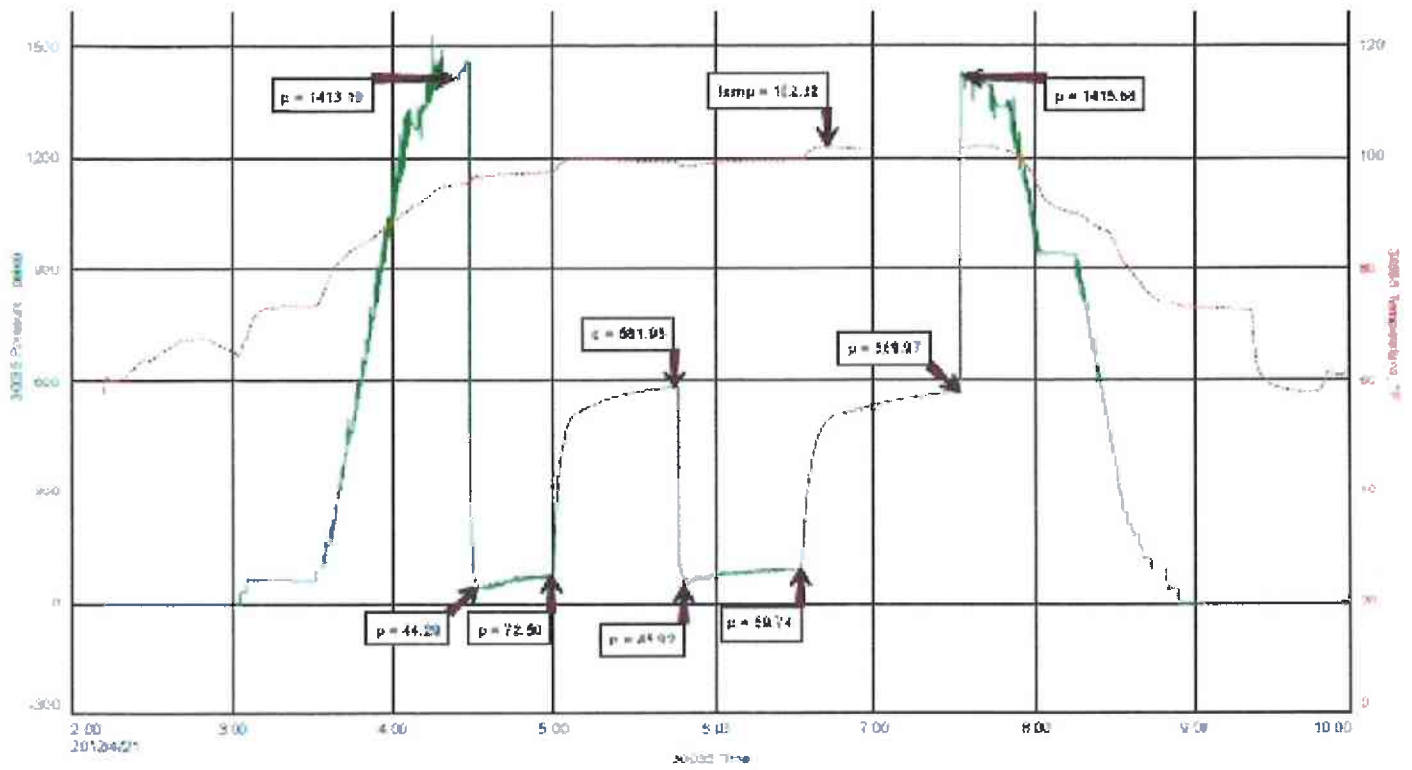
RECOVERED:
 8F W/O OASSY MUD 25% OAS 19% WTR 56% MUD
 18F W/MO OASSY OIL 30% OAS 40% OIL 15% WTR 16% MUD
 25F TOTAL FLUID

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

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
 Plot. in Field
 Job Number: 50131

Janice #2-14



DIAMOND TESTING
 P. O. Box 157
 HOISINGTON, KANSAS 67544
 (316) 853-7550
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
PSI

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.	

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 Lansing "H-J" 3098-3170 Representative Jacob McCallie
 Surface Location SEC 14-16S-12W Russell County Well Operator LD Drilling INC
 Well License Number Report Date 2012/04/22
 Field Hall-Gurney Prepared By Jacob McCallie
 Well Type Vertical
 Test Type Drill Stem Test
 Formation DST #2 Lansing "H-J" 3098-3170
 Well Fluid Type 01 Oil Start Test Time 18:50:00
 Final Test Time 00:25:00
 Start Test Date 2012/04/21
 Final Test Date 2012/04/22
 Gauge Name 30056
 Gauge Serial Number

Test Results

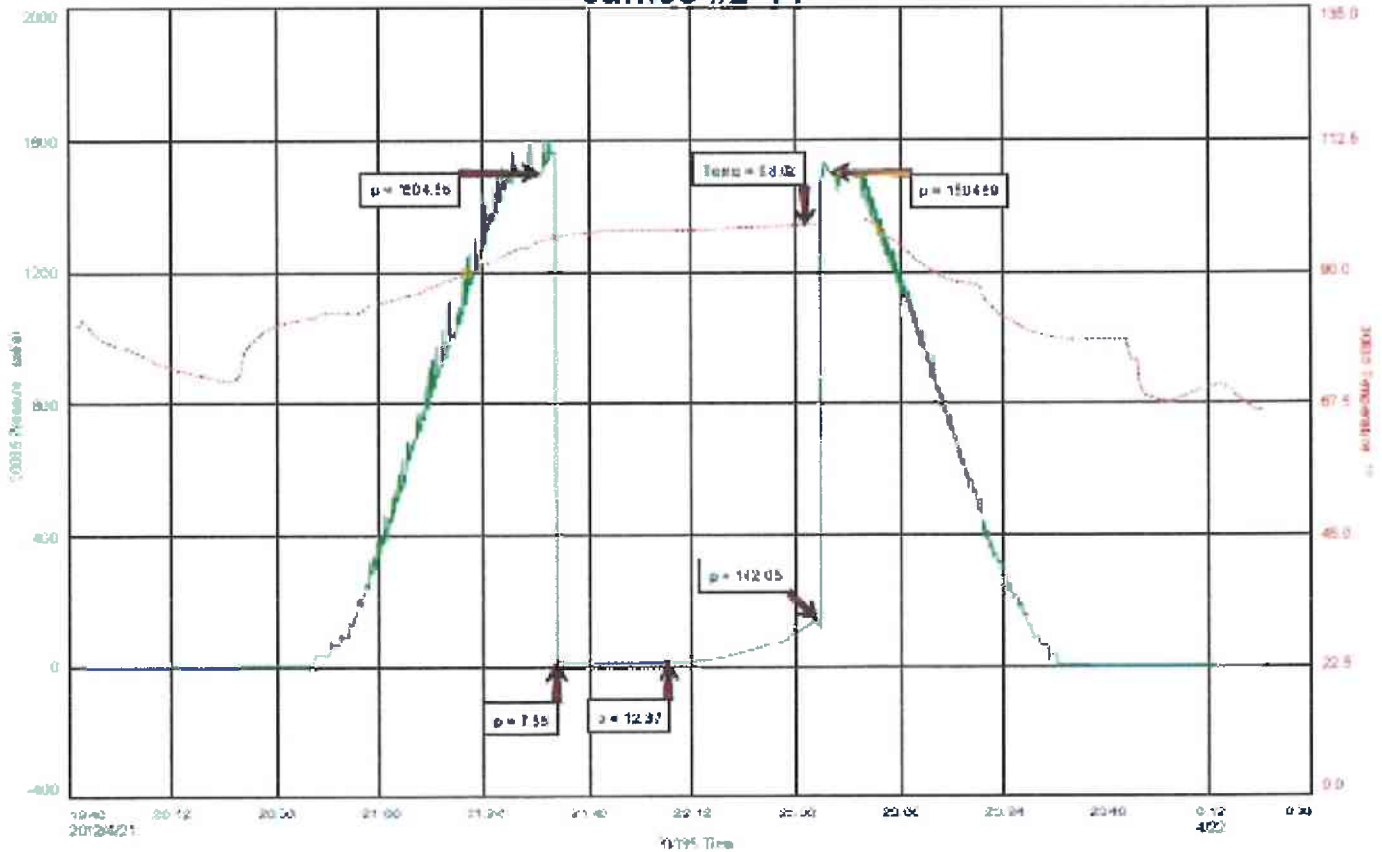
RECOVERED:
 5 mud 100% MUD
 5 TOTAL FLUID

TOOL SAMPLE:
 100% MUD

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
 Prod. 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 14-18S-12W Russell Co. Well Operator LD Drilling INC
 Well License 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 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
Gauge Serial Number

30056

Test Results

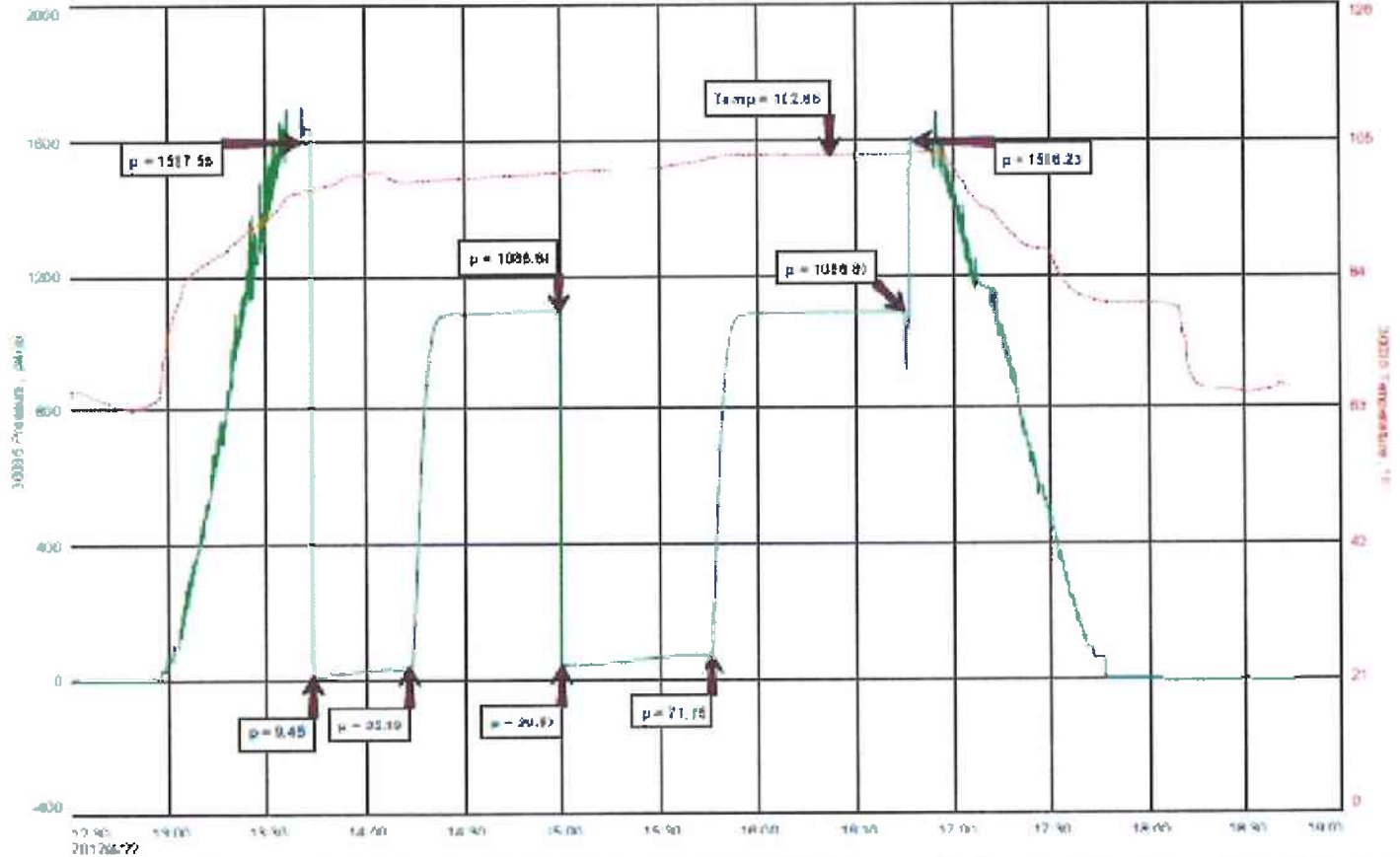
RECOVERED:
125' Oil Spooled Mud 100% OIL
125' TOTAL FLUID

TOOL SAMPLE:
100% MU/D

LD Drilling INC
DST #3 Arbuckle 3235-3308
START Test LAB# 2012/04-4722
Final Test Date: 2012/04/22

Janice #2-14
Formation: DST #3 Arbuckle 3235-3308
PCO: Intrepid
Job Number: 05133

Janice #2-14



ROCK TYPES

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

ACCESSORIES

MINERAL

- ▲ Chert, dark
- △ Chert White
- Mc Mica

FOSSIL

- Crinoids
- F Fossils < 20%
- ◇ Oolite
- ◊ Oomoldic

TEXTURE

- C Chalky

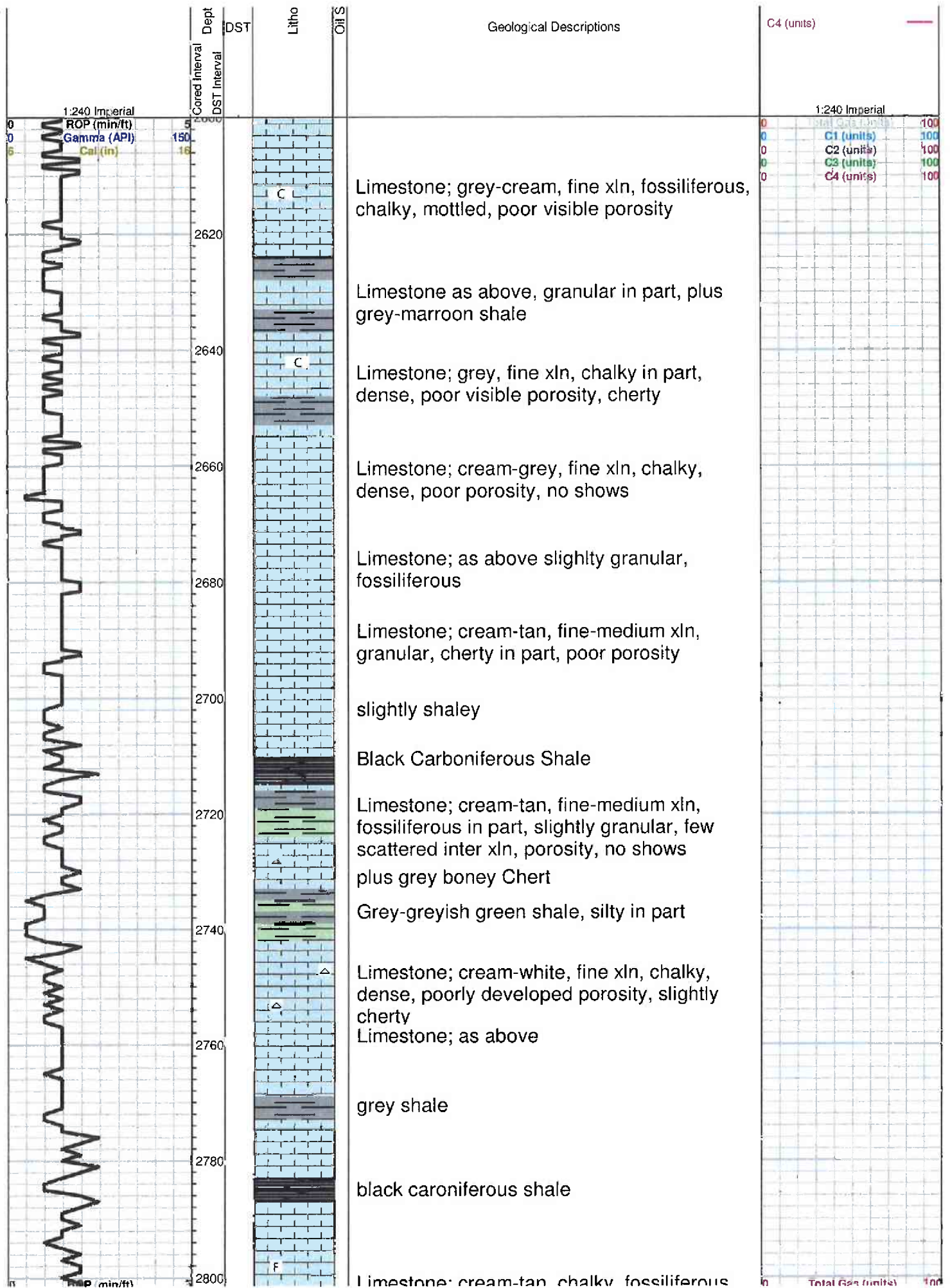
OTHER SYMBOLS

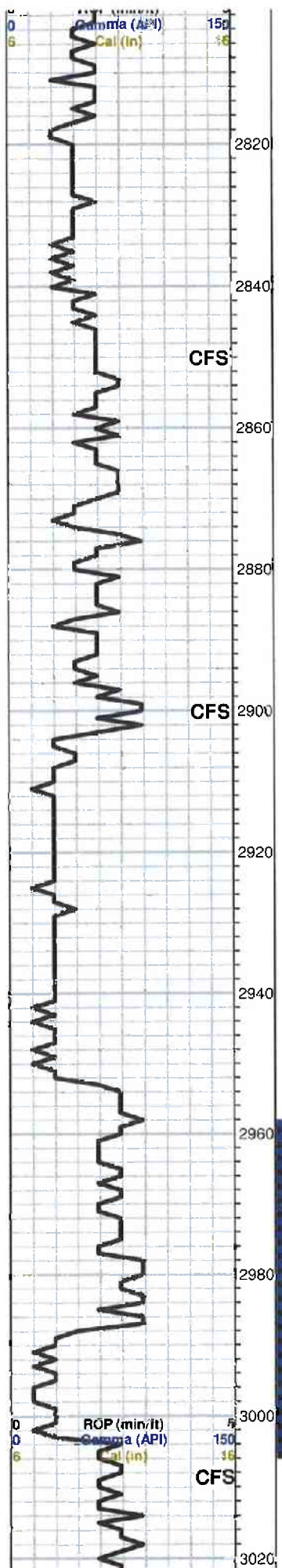
DST

- DST Int
- DST alt
- 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; cream-tan, chunky, 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)	100

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

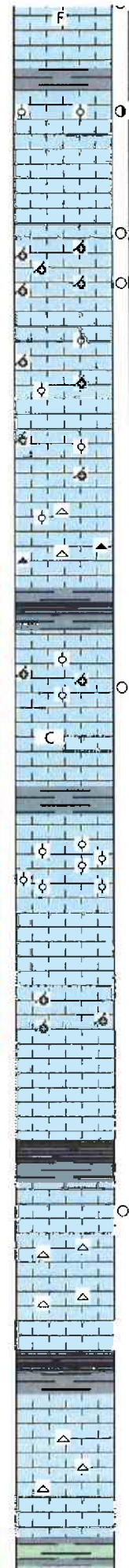
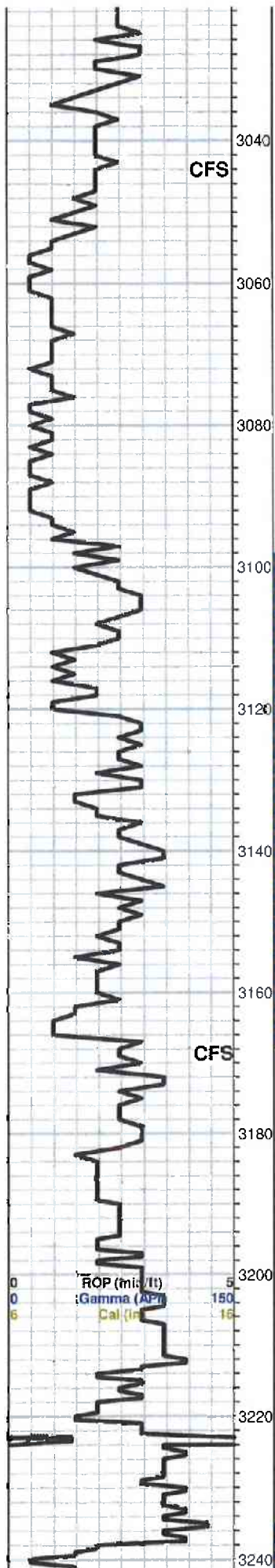
Gas Gauged as Followed;

Initial	MCF/D
10	86.3
20	166
30	171

Final	MCF/D
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

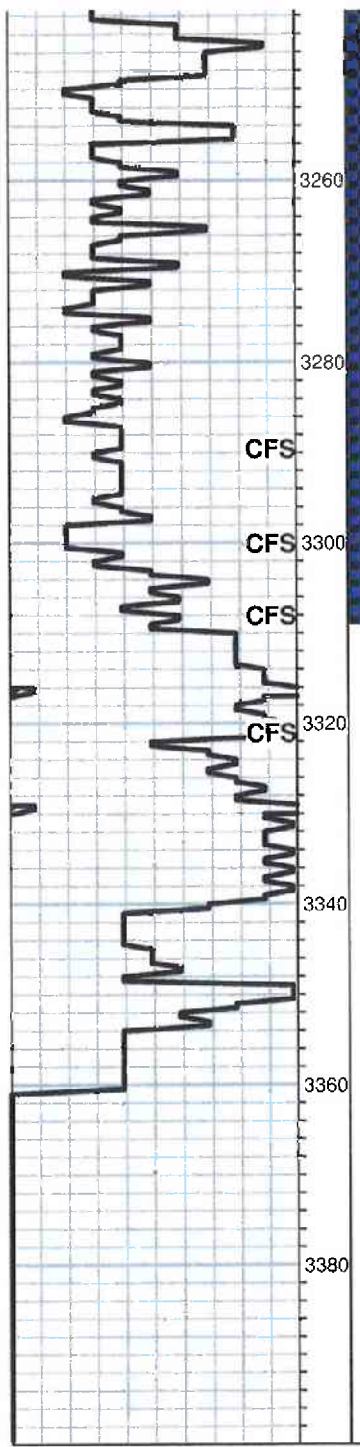
DST #2 3098-3170
30-30-X-X

Blow; weak 1/2"

Recovery;
5' mud

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

0	Total Gas (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-marroon-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
HSR 1598-1596