



KANSAS CORPORATION COMMISSION 1052754  
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: KIM SHOEMAKER  
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 #: \_\_\_\_\_

02/24/2011	03/04/2011	03/05/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-145-21635-00-00

Spot Description: \_\_\_\_\_

S2\_N2\_SW Sec. 4 Twp. 23 S. R. 17  East  West

1,650 Feet from  North /  South Line of Section

1,320 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Pawnee

Lease Name: JANE Well #: 1-4

Field Name: GARFIELD

Producing Formation: NA

Elevation: Ground: 2064 Kelly Bushing: 2065

Total Depth: 4360 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 349 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: 22000 ppm Fluid volume: 240 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: L. D. DRILLING, INC.

Lease Name: DAVIS RANCH OWWD License #: 6039

Quarter NW Sec. 14 Twp. 21 S. R. 12  East  West

County: STAFFORD Permit #: D30736

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Deanna Garrison Date: 03/24/2011



1052754

Operator Name: L. D. Drilling, Inc. Lease Name: JANE Well #: 1-4  
 Sec. 4 Twp. 23 S. R. 17  East  West County: Pawnee

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  DUAL COMPENSATED POROSITY LOG DUAL INDUCTION LOG	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Attached Top Attached Datum Attached
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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	12.25	8.625	24	349	A-CON	175	3%CC, 1/4#CF
SURFACE - CONT	12.25	8.625	24	349	COMMON	200	2%GEL, 3%CC, 1/4#CF

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: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio _____ Gravity _____

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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	JANE 1-4
Doc ID	1052754

Tops

Name	Top	Datum
ANHYDRITE	1098	+967
TOPEKA	3230	-1165
HEEBNER	3606	-1541
BROWN LIME	3712	-1647
LANSING	3719	-1654
BASE KANSAS CITY	4006	-1941
CHEROKEE	4136	-2071
CONG-CHERT	4169	-2104
VIOLA	4244	-2179



**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 03616 A

4-235-17W

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 2-25-11	DISTRICT Pratt, Kansas	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 L.D. Drilling, Incorporated		LEASE Tane		WELL NO. 1-4					
ADDRESS		COUNTY Pawnee		STATE Kansas					
CITY		STATE		SERVICE CREW C. Messick, M. Mattel, M. McGraw					
AUTHORIZED BY		JOB TYPE C.N.W. Surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
19,870	1						2-25-11	PM	5:00
						ARRIVED AT JOB		AM/PM	7:30
19,903-19,905	1					START OPERATION		AM/PM	11:30
						FINISH OPERATION		AM/PM	12:30
19,926-19,960	1					RELEASED		AM/PM	1:00
						MILES FROM STATION TO WELL			60

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
P CP 101	A Con Blend Cement	slr	175		\$ 3,150.00
P CP 100	Common Cement	slr	200		\$ 3,200.00
P CC 102	Cell Plate	Lb	94		\$ 347.80
P CC 109	Calcium Chloride	Lb	1,059		\$ 1,111.95
P CC 200	Cement Gel	Lb	376		\$ 94.00
P CE 153	Wooden Plug, 8 5/8"	ea	1		\$ 160.00
P E 100	Pickup Mileage	mi	60		\$ 255.00
P E 101	Heavy Equipment Mileage	mi	120		\$ 840.00
P E 113	Bulk Delivery	tm	1,059		\$ 1,694.40
P CE 200	Cement Pump, 0 feet To 500 feet	hrs	4		\$ 1,000.00
P CE 240	Blending and Mixing Service	slr	325		\$ 525.00
P CE 504	Plug Container	Job	1		\$ 250.00
P 5003	Service Supervisor	Job	1		\$ 175.00

SUB TOTAL

SL \$ 9,602.36

CHEMICAL / ACID DATA:			

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

TOTAL

SERVICE REPRESENTATIVE: *C. Messick* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer D.D. Drilling Incorporated	Lease No.	Date 2-25-11
Lease Jane	Well # 1-4	
Field Order # 3616	Station Pratt, Kansas	Casing 8 7/8 24Lb
Type Job C.N.W. - Surface	Depth 360 Feet	County Pawnee
	Formation	State Kansas
		Legal Description 1-233-17W

PIPE DATA		PERFORATING DATA		AGENT USED		TREATMENT RESUME		
Casing Size 8 7/8 24Lb	Tubing Size 2 1/2 13.1FT	Shots/Ft	175 sacks	5 1/2	CON with 38	RATE	PRESS	ISIP
Depth 360 Feet	Depth	From	To	2.6Lb	7 Gal. 11.89 Gal	2.12	CU.FT. / 15	15 Min.
Volume 22.9 Bbl	Volume	From	To	200 sacks	TO common with 28 Gal. 3	Min		10 Min.
Max Press 400	Max Press	From	To	5 Lb. / Gal.	6.13 Gal / 1st.	Avg	1.34	CU. FT. / 1st.
Well Connection 1 1/2" Continer	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 245 Feet	Packer Depth	From	To	Flush	22 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative Jim Nichols	Station Manager David Scott	Treater Clarence R. Messick
Service Units 19,870	19,903	19,905
19,926	19,860	
Driver Names Messick	Mattal	McGraw

Time A.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:30					Trucks on location and hold safety meeting.
10:15					Petromark Drilling start to run 8 Joints new 24Lb/FT. 8 7/8" casing.
11:20					Casing in well. Circulate for 5 minutes.
11:30	350			5	Start Fresh Water Pre-Flush.
	350		10	5	Start mixing 175 sacks A concement.
	200		76	5	Start mixing 200 sacks common cement.
	-0-		123		Stop pumping. Shut in well. <del>W</del> Release
					Workden plug. Open well.
11:53	100			5	Start Fresh Water Displacement.
12:00	400		22		Plugdown. Shut in well.
					Circulated 15 sacks cement to the pit.
					Wash up pump truck.
12:45					Job Complete.
					Thank You.
					Clarence, Mike, Mike



Customer <i>L.D. Drilling</i>	Lease No.	Date <i>3-4-11</i>
Lease <i>Jane</i>	Well # <i>1-4</i>	
Field Order # <i>3711</i>	Station <i>Pratt</i>	Casing
Type Job <i>CNW-PTA</i>	Formation	Depth
		County <i>Pawnee</i>
		State <i>KS</i>
		Legal Description <i>4-23-17</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid <i>2 1/2 sacks 60/40 207</i>	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad <i>470 6-1</i>	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>L.D. Davis</i>	Station Manager <i>Dave Scott</i>	Treater <i>Steve Orlando</i>
Service Units <i>22283 19903 19905 19959 1010</i>		
Driver Names <i>D.L. Webb Mitchell Fenwick</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>8:30 AM</i>					<i>On location - Set by location</i>
					<i>1st Plug @ 1110' w/ 50 sacks 60/40 207</i>
			<i>15</i>	<i>4</i>	<i>H2O Ahead</i>
			<i>12</i>	<i>4</i>	<i>mix 50 sacks cement @ 13.8"/gal</i>
			<i>2</i>	<i>4</i>	<i>H2O Displacement</i>
			<i>4</i>	<i>4</i>	<i>mod Displacement</i>
					<i>2nd Plug @ 600' w/ 60 sacks</i>
			<i>10</i>	<i>4</i>	<i>H2O Ahead</i>
			<i>14</i>	<i>4</i>	<i>mix 60 sacks @ 12.8"/gal</i>
			<i>1.5</i>	<i>4</i>	<i>H2O Displacement</i>
					<i>3rd Plug @ 390' w/ 50 sacks</i>
			<i>10</i>	<i>4</i>	<i>H2O Ahead</i>
			<i>12</i>	<i>4</i>	<i>mix 50 sacks @ 13.8"/gal</i>
			<i>1</i>	<i>4</i>	<i>H2O Displacement</i>
					<i>4th Plug @ 60' w/ 20 sacks</i>
			<i>4</i>	<i>4</i>	<i>mix 20 sacks cement @ 13.8"/gal</i>
			<i>6</i>		<i>Plug R.H. w/ 30 sacks</i>

# KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 \* WICHITA, KS

## GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.

WELL NAME #1-4 JANE

COUNTY GARFIELD

LOCATION 1650' FSL & 1320' FWL

SEC. 4 TWP. 23S R. 17W

COUNTY PAWNEE STATE KANSAS

CONTRACTOR PETROMARK DRILLING #16 2

DATE 2-24-11 TO 3-4-11

WELL NO. 1360 UIC 4359

WELL DEPTH 3350 TEST FLUID CHEMICAL

### ELEVATIONS

KB 2065

OF \_\_\_\_\_

CL 2060

Measurements Are All

From 2065 KB

CASING

SIZE 8 5/8" @ 349'

LOGGING

ELECTRICAL SUBMERSIBLE

DUAL IND., DENS-N.

SAMPLES TAKEN FROM 3400 TO 4360

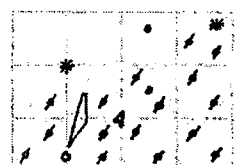
DRILLING TIME KEPT FROM 3200 TO 4360

SAMPLES EXAMINED FROM 3400 TO 4360

GEOLOGICAL SUPERVISION FROM 3600 TO 4360

GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TYPE	LOG	SAMPLES
ANHYDRITE	1098 - 967	1099 - 966
TOPEKA	3230 - 1165	3233 - 1168
HEEBNER	3606 - 1541	3610 - 1545
BROWN LIME	3712 - 1647	3715 - 1650
LANSING	3719 - 1654	3721 - 1656
B/KC	4006 - 1941	4011 - 1946
CHEROKEE	4136 - 2071	4140 - 2075

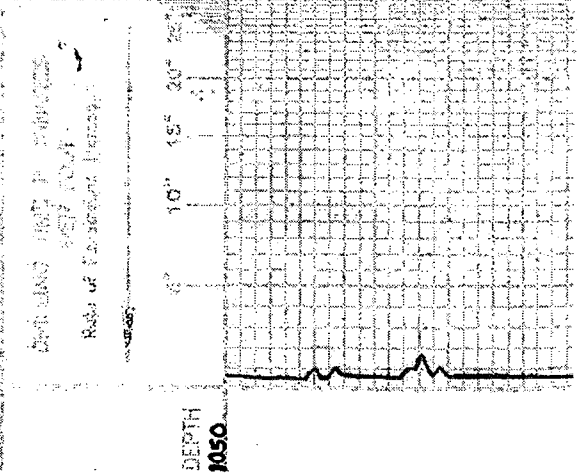


API: 15-KS-21635

5800'  
5400'  
5000'  
4600'  
4200'  
3800'  
3400'  
3000'  
2600'  
2200'  
1800'  
1400'  
1000'  
600'  
200'

### LOG

Log description area with various patterns and symbols used for stratigraphic identification.



### SAMPLE DESCRIPTIONS

### REMARKS



1150

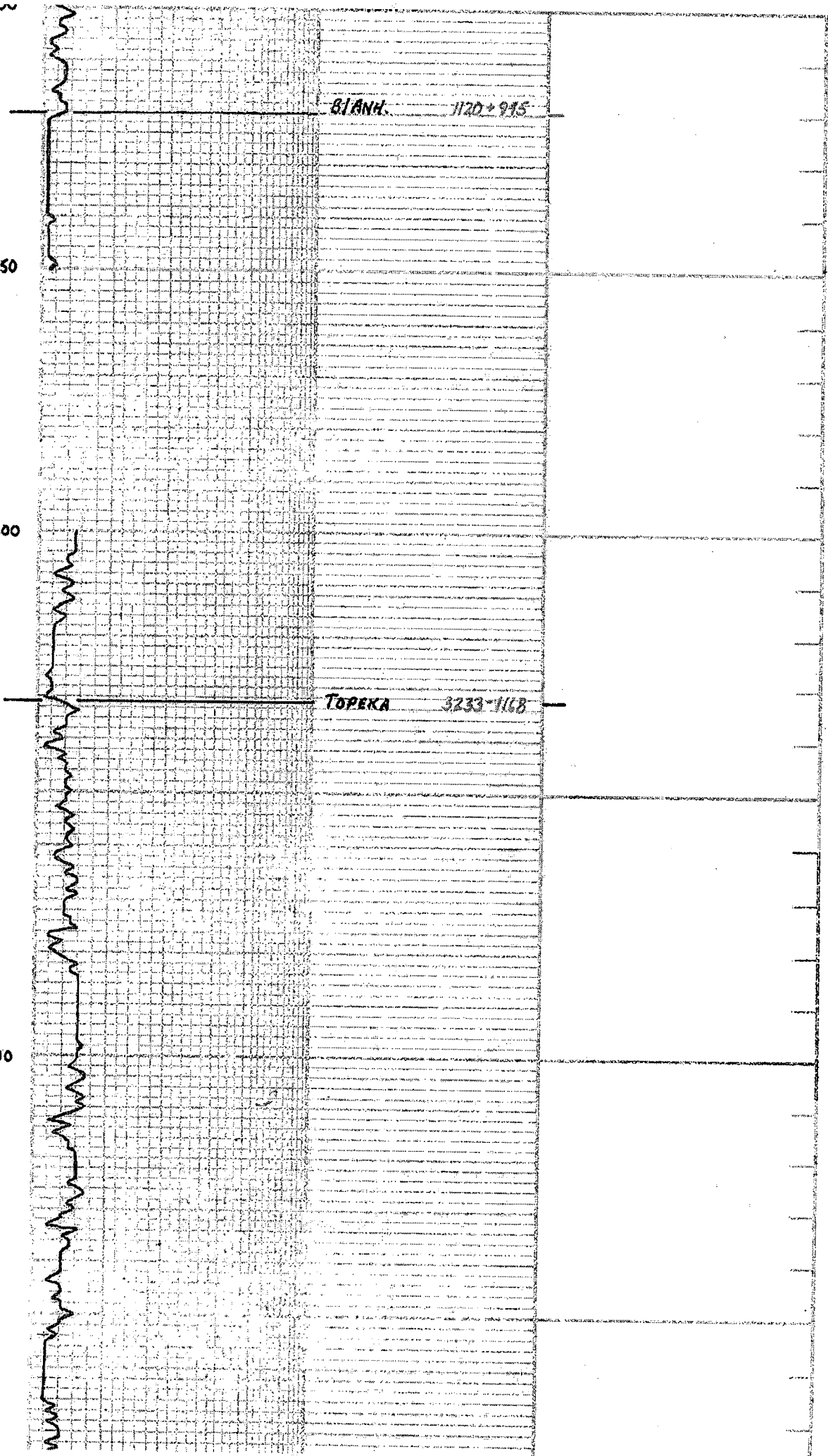
1150

3200

3300

BIANK 1120-915

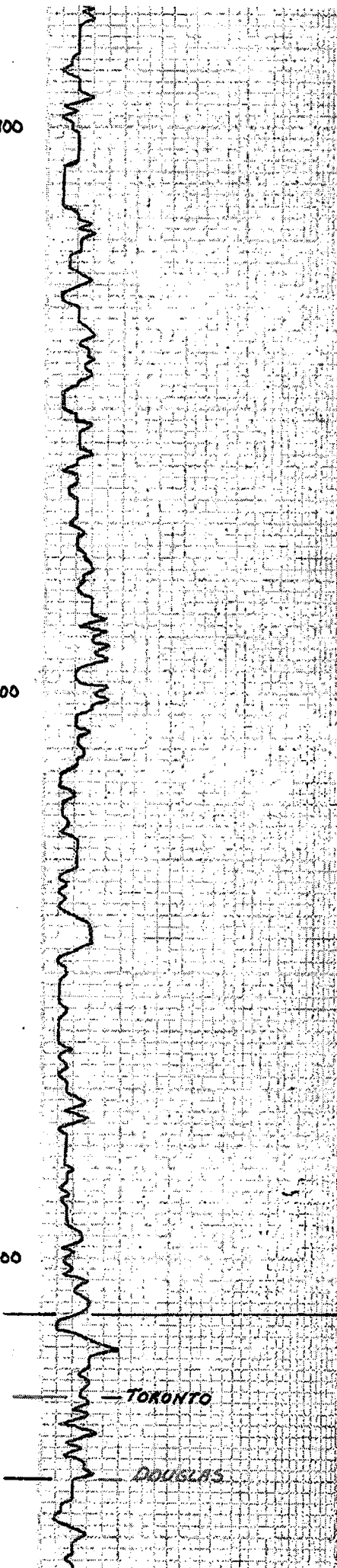
TOPEKA 3233-1168



3400

3500

3600



Samples are logged

LS. ...

Sh. Gp.

Sh. Gp.

LS. ...

LS. ...

LS. ...

Sh. Gp.

LS. ...

Sh. Gp.

LS. ...

LS. ...

LS. ...

LS. ...

LS. ...

LS. ...

LS. ...

LS. ...

LS. ...

HEEBNER 3610-1595

Sh. Gp. ...

LS. ...

Sh. Gp. ...

LS. ...

LS. ...

LS. ...

Sh. Gp. ...

TORONTO

DOUGLAS

1700

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

BROWN LIMB 3715-1650

LANSING 3721-1650

4000

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

3800

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

Sh. G. G. Silly

3900

Sh. G. G. Silly

Sh. G. G. Silly

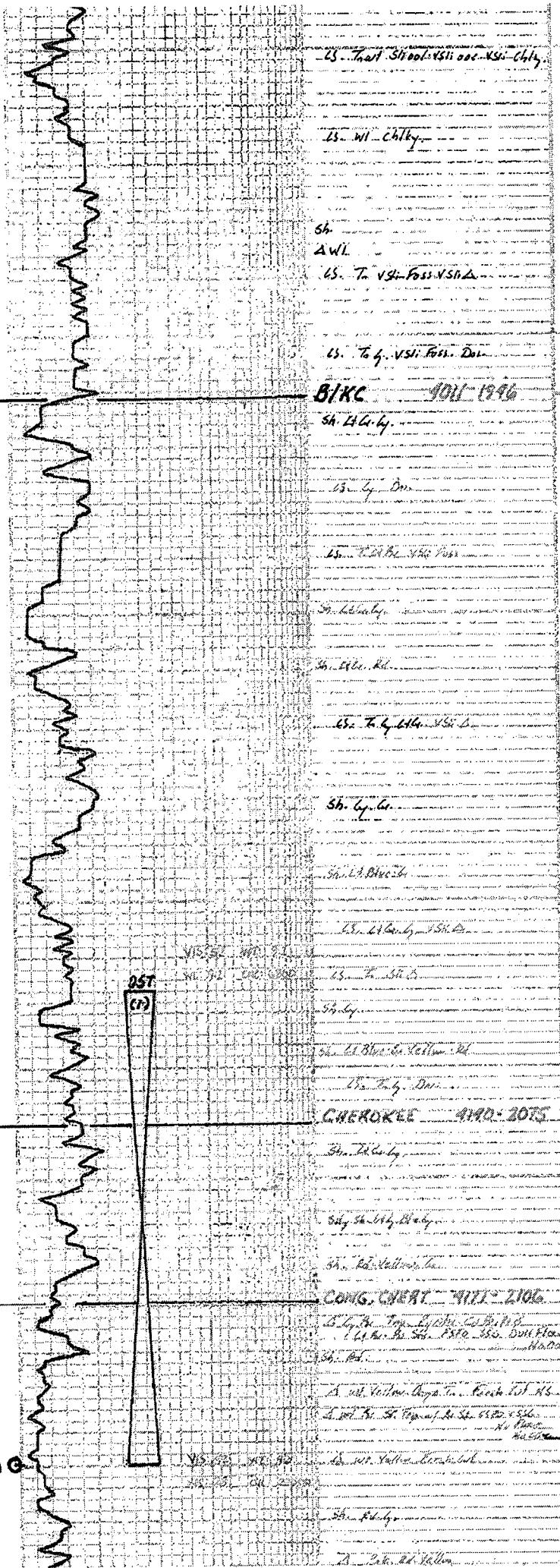
Sh. G. G. Silly

Sh. G. G. Silly

4000

1100

4200 G



LS - Hart Shool. VSI acc. VSI Chky

LS - WI Chky

Sh

AWL

LS - To VSI Foss. VSI D

LS - To g. VSI Foss. Dm

**BIKC 9011-1996**

Sh. L. G. G.

Sh. G. Dm

LS - To VSI Foss. VSI D

Sh. L. G. G.

Sh. L. G. G.

LS - To g. VSI Foss. Dm

Sh. G. G.

Sh. L. G. G.

LS - To VSI Foss. VSI D

LS - To VSI Foss. VSI D

Sh. L. G. G.

Sh. L. G. G. Yellow. Bl.

LS - To g. VSI Foss. Dm

**CHEROKEE 4190-2075**

Sh. L. G. G.

Sh. L. G. G.

Sh. L. G. G.

**CONG. CHERT 4175-2100**

LS - To VSI Foss. VSI D

Sh. L. G. G.

LS - To VSI Foss. VSI D

LS - To VSI Foss. VSI D

LS - To VSI Foss. VSI D

Sh. L. G. G.

Sh. L. G. G.

LS - To VSI Foss. VSI D

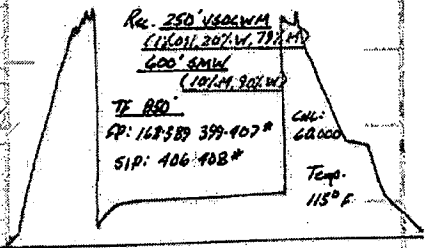
2 DMS COLLARS FOR DSTS

**DST (1) 4115-4200**

1st case: Bottom bucket 14000  
2nd case: Blow built to 7"

BB: None  
BB: "

30-45-45-60



**DST (2) 4230-4270**

1st case: Bottom bucket 33 1/2"  
2nd case: "

BB: None  
BB: 2"

30-45-45-60

Rec. 140' 56CM (51' 6.851M)  
60' 508CM (57' 0.113076 681M)

MM



## GENERAL INFORMATION

### Client Information:

Company: L D DRILLING INC  
Contact: L D DAVIS  
Phone: Fax: e-mail:

### Site Information:

Contact: KIM SHOEMAKER  
Phone: Fax: e-mail:

### Well Information:

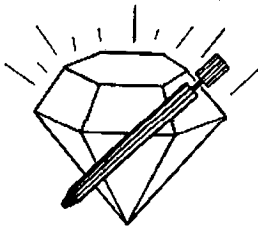
Name: JANE 1-4  
Operator: L D DRILLING INC  
Location-Downhole:  
Location-Surface: S4/23S/17W

### Test Information:

Company: DIAMOND TESTING  
Representative: JOHN RIEDL  
Supervisor: KIM SHOEMAKER  
Test Type: CONVENTIONAL Job Number: D913  
Test Unit:  
Start Date: 2011/03/02 Start Time: 23:00:00  
End Date: 2011/03/03 End Time: 07:20:00  
Report Date: 2011/03/03 Prepared By: JOHN RIEDL  
Qualified By: KIM SHOEMAKER

### Remarks:

RECOVERY: 250' VERY SLIGHTLY OIL CUT WATERY MUD  
600' SLIGHTLY MUD CUT WATER



# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 23:00 03/02/11

OFF 13:05 03/03/11

## DRILL-STEM TEST TICKET

STCJAne1-4DST1

Company L D DRILLING INC Lease & Well No. JANE 1-4  
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC  
 Elevation 2065 K.B Formation CONG CHERT Effective Pay \_\_\_\_\_ Ft. Ticket No. D913  
 Date 3/03/11 Sec. 4 Twp. 23 S Range 17 W County PAWNEE State KANSAS  
 Test Approved By KIM SHOEMAKER Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 4116 ft. to 4200 ft. Total Depth 4200 ft.  
 Packer Depth 4111 ft. Size 6 3/4 in. Packer Depth 4298 ft. Size 6 3/4 in.  
 Packer Depth 4116 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4119 ft. Recorder Number 30046 Cap. 6000 P.S.I.  
 Bottom Recorder Depth (Outside) 4197 ft. Recorder Number 11017 Cap. 4000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
 Weight 9.2 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 6800 P.P.M. Drill Pipe Length 3970 ft. I.D. 3 1/2 in.  
 Jars: Make BOWEN Serial Number #2 Test Tool Length 26 ft. Tool Size 3 1/2-1F in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 84 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: STRONG (B.O.B 1 MINUTE) NO BB  
 2nd Open: FAIR (4") NO BB

Recovered 250 ft. of VSLOCWM (1%OIL 20%WATER 79%MUD)  
 Recovered 600 ft. of MCW (10%MUD 90%WATER) CHLORIDES 60,000Ppm

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY:850(730' IN DRILL PIPE, 120'DRILL COLLARS))</u>	Insurance
_____	_____
_____	Total

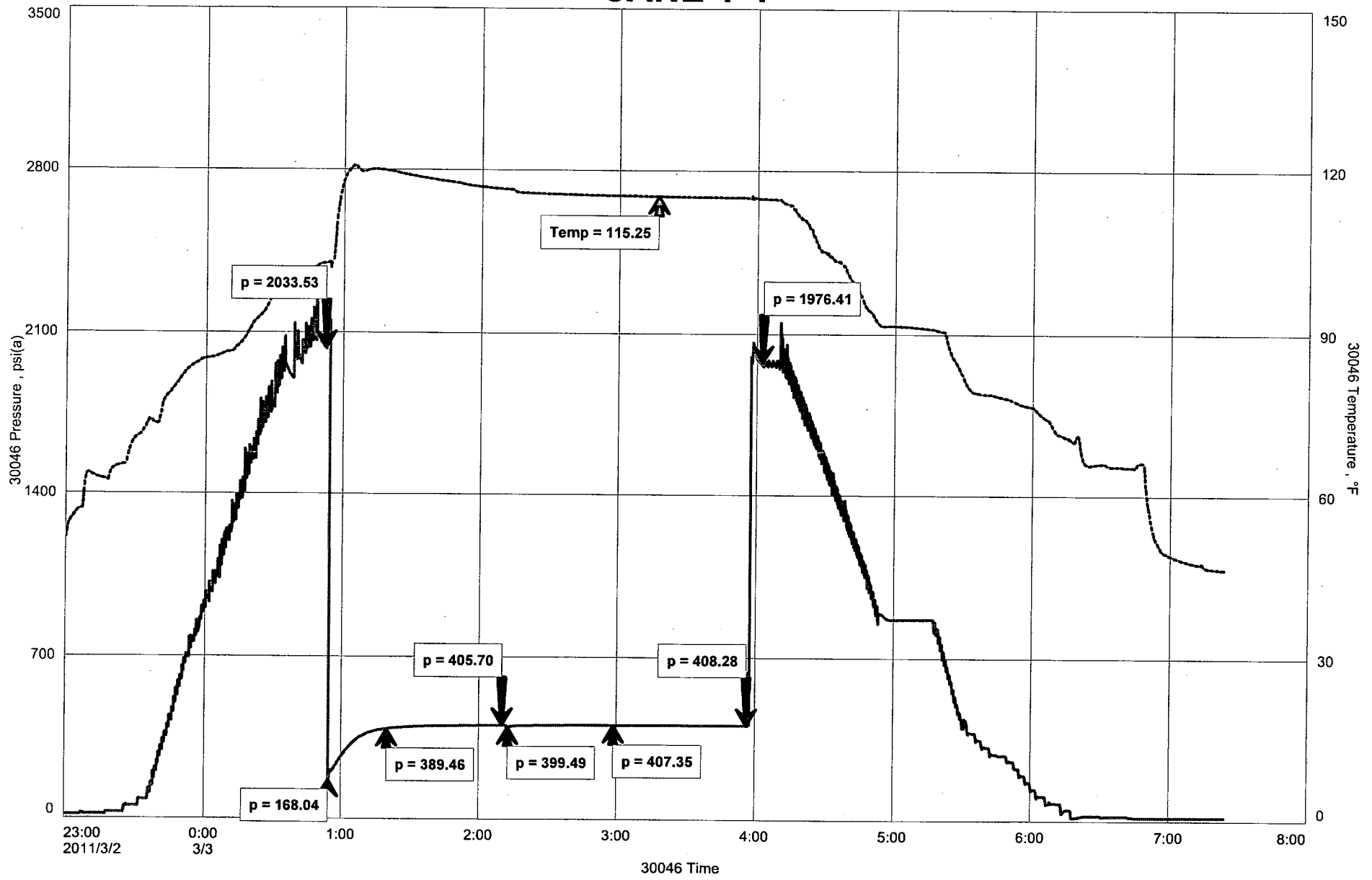
Time Set Packer(s) 1:00 A.M. A.M. P.M. Time Started Off Bottom 4:00 A.M. A.M. P.M. Maximum Temperature 115  
 Initial Hydrostatic Pressure ..... (A) 2034 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 168 P.S.I. to (C) 389 P.S.I.  
 Initial Closed In Period ..... Minutes 45 (D) 406 P.S.I.  
 Final Flow Period ..... Minutes 45 (E) 399 P.S.I. to (F) 407 P.S.I.  
 Final Closed In Period ..... Minutes 60 (G) 408 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1976 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.

L D DRILLING INC  
Start Test Date: 2011/03/02  
Final Test Date: 2011/03/03

JANE 1-4  
Formation: CONG CHERT  
Job Number: D913

# JANE 1-4





## GENERAL INFORMATION

### Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

### Well Information:

Name: JANE 1-4

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S4/23S/17W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL Job Number: D914

Test Unit:

Start Date: 2011/03/03 Start Time: 18:00:00

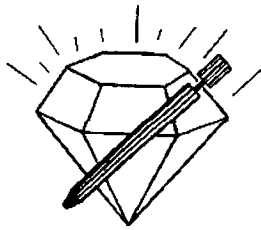
End Date: 2011/03/04 End Time: 01:10:00

Report Date: 2011/03/04 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

### Remarks:

RECOVERY: 140' SLIGHTLY AS CUT MUD  
60' VERY SLIGHTLY OIL CUT GASSY MUD



# DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 18:00 03/03/11

OFF 01:10 03/04/11

## DRILL-STEM TEST TICKET

STCJAne1-4DST2

Company L D DRILLING INC Lease & Well No. JANE 1-4  
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC  
 Elevation 2065 K.B Formation VIOLA Effective Pay \_\_\_\_\_ Ft. Ticket No. D914  
 Date 3/03/11 Sec. 4 Twp. 23 S Range 17 W County PAWNEE State KANSAS  
 Test Approved By KIM SHOEMAKER Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 4238 ft. to 4270 ft. Total Depth 4270 ft.  
 Packer Depth 4233 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 4238 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) \_\_\_\_\_ ft. Recorder Number 30046 Cap. 6000 P.S.I.  
 Bottom Recorder Depth (Outside) \_\_\_\_\_ ft. Recorder Number 11073 Cap. 4000 P.S.I.  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 52 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
 Weight 9.2 Water Loss 16 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
 Chlorides 22,000 P.P.M. Drill Pipe Length 4126 ft. I.D. 3 1/2 in.  
 Jars: Make BOWEN Serial Number #2 Test Tool Length 26 ft. Tool Size 3 1/2-IF in.  
 Did Well Flow? NO Reversed Out NO Anchor Length 32 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: STRONG (B.O.B 25 MINUTES) NO BB  
 2nd Open: STRONG (B.O.B 1 MINUTE) FAIR BB

Recovered 140 ft. of SLGCM (5%GAS 95%MUD)  
 Recovered 60 ft. of SLOGCM (5%OIL 30%GAS 65%MUD)  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 200' (80' IN DRILL PIPE, 120 'DRILL COLLARS)</u>	Insurance
	Total

Time Set Packer(s) 8:00 P.M A.M. P.M. Time Started Off Bottom 11:00 P.M A.M. P.M. Maximum Temperature 115  
 Initial Hydrostatic Pressure ..... (A) 2057 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 106 P.S.I. to (C) 107 P.S.I.  
 Initial Closed In Period ..... Minutes 45 (D) 823 P.S.I.  
 Final Flow Period ..... Minutes 45 (E) 116 P.S.I. to (F) 120 P.S.I.  
 Final Closed In Period ..... Minutes 60 (G) 819 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 2039 P.S.I.

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L D DRILLING INC  
Start Test Date: 2011/03/03  
Final Test Date: 2011/03/04

JANE 1-4  
Formation: VIOLA  
Job Number: D914

# JANE 1-4

