



KANSAS CORPORATION COMMISSION 1053551  
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. DRILLING, INC  
Phone: ( 620 ) 793-3051  
CONTRACTOR: License # 33350  
Name: Southwind Drilling, Inc.  
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 #: \_\_\_\_\_

<u>02/03/2011</u>	<u>02/11/2011</u>	<u>02/15/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23648-00-00  
Spot Description: \_\_\_\_\_  
NW NW NW NE Sec. 3 Twp. 22 S. R. 12  East  West  
276 Feet from  North /  South Line of Section  
2,563 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Stafford  
Lease Name: Hilda Well #: 2-3  
Field Name: MAX  
Producing Formation: ARBUCKLE  
Elevation: Ground: 1852 Kelly Bushing: 1861  
Total Depth: 3720 Plug Back Total Depth: 3680  
Amount of Surface Pipe Set and Cemented at: 339 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: 5800 ppm Fluid volume: 320 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 Gerson Date: 04/08/2011



1053551

Operator Name: L. D. Drilling, Inc. Lease Name: Hilda Well #: 2-3  
 Sec. 3 Twp. 22 S. R. 12  East  West County: Stafford

**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 checked="" type="checkbox"/> Yes <input 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 MICRORESISTIVITY LOG	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached Attached
---	--

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	339	A-CON	175	3%CC, 1/4# CF
SURFACE - Cont	12.25	8.625	24	339	COMMON	200	3%CC, 2%GEL, 1/4#FloSeal
PRODUCTION	7.875	5.5	14	3716	60/40 POZMIX	180	18%Salt, 1/4#FS

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	3610 - 3612'		

TUBING RECORD: Size: <u>2.875</u> Set At: <u>3677</u> Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
---

Date of First, Resumed Production, SWD or ENHR. <u>02/15/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
--	--

Estimated Production Per 24 Hours	Oil Bbls.	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 checked="" 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	Hilda 2-3
Doc ID	1053551

Tops

ANHYDRITE	643	+1218
BASE ANHYDRITE	661	+1200
TOPEKA	2837	-976
HEEBNER	3127	-1266
TORONTO	3145	-1284
DOUGLAS	3159	-1298
BROWN LIME	3259	-1398
LANSING	3277	-1416
BASE KANSAS CITY	3495	-1634
VIOLA	3513	-1652
SIMPSON SHALE	3559	-1698
ARBUCKLE	3609	-1748



**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 02672 A

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

DATE OF JOB <u>2-4-2011</u> DISTRICT <u>PRATT, KS.</u>		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 <u>LD DRILLING, INC.</u>		LEASE <u>HILDA</u> WELL NO. <u>2-3</u>								
ADDRESS		COUNTY <u>STAFFORD</u> STATE <u>Ks.</u>								
CITY STATE		SERVICE CREW <u>LESLEY, WISER, HUNTER</u>								
AUTHORIZED BY		JOB TYPE: <u>CNW - 8 5/8" SP</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>198370</u>	<u>1</u>						<u>2-3-11</u>			<u>8:00</u>
<u>19903/19905</u>	<u>1</u>					ARRIVED AT JOB	<u>5</u>			<u>10:00</u>
<del>19903/19905</del>						START OPERATION	<u>2-4-11</u>			<u>12:00</u>
<u>19760/19718</u>	<u>1</u>					FINISH OPERATION				<u>12:55</u>
						RELEASED				<u>1:30</u>
						MILES FROM STATION TO WELL				<u>4.5</u>

CONTRACT CONDITIONS (This contract must be signed before the job is completed or merchandise is delivered)

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned hereby certifies 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 conditions have become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP101	A-CON BLEND	SK	175		3,150.00
CP102	COMMON	SK	300		3,200.00
CC 102	CELL-FLAKE	lb	94		347.80
CC 109	CALCIUM CHLORIDE	lb	1059		1,111.75
CC 200	CEMENT GEL	lb	376		94.00
CE 153	WOODEN CONT. PLUG, 4 3/8"	EA	1		160.00
E 100	PICKUP MILEAGE	MI	45		191.25
E 101	HEAVY EQUIPMENT MILEAGE	MI	90		630.00
E 113	BULK DELIVERY	TM	794		1,270.80
CE 200	DEPTH CHARGE: 0-500'	HRS	1-4		1,000.00
CE 240	BLENDING SERVICE CHRG.	SK	375		525.00
CE 504	PLUG CONTAINER CHRG.	KDB	1		250.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

SUB TOTAL  
DLS \$3,474.06

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: [Signature] 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 <b>LD DRILLING, INC.</b>	Lease No.	Date <b>2-4-2011</b>
Lease <b>HILDA</b>	Well # <b>2-3</b>	
Field Order # <b>2612</b>	Station <b>12121, Ks.</b>	Casing <b>5 1/8"</b> Depth <b>350'</b>
Type Job <b>CNW - 5 1/8" S.P.</b>	Formation	County <b>STAFFORD</b> State <b>Ks.</b>
		Legal Description <b>3-22-12</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>5 1/8"</b>	Tubing Size	Shots/Ft	<b>CMTI-</b>	Acid <b>175 SKI CON</b>	RATE	PRESS	ISIP	
Depth <b>339'</b>	Depth	From	To	Pre Pad <b>(2) 2.12 CUFT<sup>3</sup></b>	Max		5 Min.	
Volume	Volume	From	To	Pad <b>SK COMMON</b>	Min		10 Min.	
Max Press <b>500</b>	Max Press	From	To	Frac <b>(2) 1.34 CUFT<sup>3</sup></b>	Avg		15 Min.	
Well Connection <b>P.L.</b>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <b>350'</b>	Packer Depth	From	To	Flush <b>21 BBL</b>	Gas Volume		Total Load	

Customer Representative <b>LD DAVIS</b>	Station Manager <b>D. SCOTT</b>	Treater <b>K. LESLEY</b>
Service Units <b>19870 19903 19905 19900 19918</b>		
Driver Names <b>LESLEY WISER HUNTER</b>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00 PM					CON LOCATION - SAFETY MEETING
10:45 PM					RUN 8 JTS. - 5 1/8" x 24"
11:45 PM					CSG. ON BOTTOM
11:47 PM					HOOK UP TO CSG. - BREAK CIRC. W/ RIG
11:59 AM					SWITCH OVER TO PUMP TRUCK
12:01 AM	1100		5	5	HEAD AHEAD
12:02 AM	400		66	5	MIX 175 SKS A-CON @ 12.6#/GAL
12:35 AM	300		48	5	MIX 200 SKS COMMON @ 15.6#/GAL
12:45 AM					SHUT DOWN - RELEASE PLUG
12:49 AM	12		0	5	START DISPLACEMENT
12:52 AM	100		15	4	SLOW RATE
12:55 AM	200		21	3	PLUG DOWN - CLOSE IN HEAD
					CIRCULATION THRU JOB
					CIRCULATED IN BBL TO PIT
					JOB COMPLETE,
					THANKS -
					KEEVEN LESLEY



# 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 03607 A

3-225-12W

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

DATE OF JOB 2-11-11	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 Hilda	WELL NO. 2-3							
ADDRESS	COUNTY Stafford	STATE Kansas							
CITY	STATE	SERVICE CREW C. Messick; J. Anthony; J. Fenwick							
AUTHORIZED BY	JOB TYPE: C.N.W. - Longstring								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
37,216	1						2-11-11	AM	1:00
						ARRIVED AT JOB		AM	3:00
						START OPERATION		AM	6:45
33,708-20,920	1					FINISH OPERATION		AM	7:45
19,960-19,918	1					RELEASED	2-11-11	AM	8:00
						MILES FROM STATION TO WELL	45		

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. Davis By D. Smith  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	60/40 Poz Cement	sh	150		\$ 1,800 00
CP103	60/40 Poz Cement	sh	50		\$ 600 00
CC102	Cellulose	Lb	38		\$ 140 60
CC111	Salt	Lb	1334		\$ 667 00
CC112	Cement Friction Reducer	Lb	65		\$ 390 00
CC201	Gilsonite	Lb	750		\$ 502 50
CF103	Tap Rubber Plug, 5 1/2"	ea	1		\$ 105 00
CF251	Regular Guide Shoe, 5 1/2"	ea	1		\$ 250 00
CF1451	Insert Float Valve, 5 1/2"	ea	1		\$ 215 00
CF1651	Turbolizer, 5 1/2"	ea	1		\$ 770 00
C204	Claymax	Gal	1		\$ 35 00
CC151	Mud Flush	Gal	500		\$ 430 00
E100	Pickup Mileage	mi	45		\$ 191 25
E101	Heavy Equipment Mileage	mi	90		\$ 630 00
E113	Built Delivery	tm	387		\$ 619 30
CE204	Cement Pump: 3,000 Feet To 4,000 Feet	hrs	4		\$ 2,160 00
CE240	Blending and Mixing Service	sh	200		\$ 280 00
CE504	Plug Container	Job	1		\$ 250 00
S003	Service Supervisor	Job	1		\$ 175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		DLS \$ 7351 60
SERVICE & EQUIPMENT	% TAX ON \$	
MATERIALS	% TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE R. Morris THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: L. D. Davis By D. Smith  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer: L.J. Drilling, Incorporated Lease No. \_\_\_\_\_ Date: 2-11-11  
 Lease: Hilda Well # 2-3  
 Field Order # 3607 Station Pratt, Kansas Casing 5 1/2 14 lb Depth 3716 Feet County Stafford State Kansas  
 Type Job C.N.W. - Longstring Formation \_\_\_\_\_ Legal Description S-225-12W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	150 sacks	60/40 Poz	with	RATE	PRESS	ISIP
5 1/2 14 lb	2 1/2"							
Depth	Depth	From	188 Sacks	58 Friction	Max Reducer		25 lb/st	5 Min Cellfate
10.5 Bbl.	Volume	From	To	5 lb/sk	Min at	15.4 l	b/Gal.	10 Min.
1000 P.S.I.	Max Press	From	To	90 Bbl.	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	30 sacks	HHP Used	Plug Rat Hole		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load
3,880 Feet								

Customer Representative: L.J. Davis Station Manager: David Scott Treater: Clarence R. Messick

Service Units	37216	33708	20920	19960	19918				
Driver Names	<u>Messick</u>	<u>Anthony</u>	<u>Fenwick</u>						

Time	P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:00						Cement and Float Equipment on location.
4:15						South Wind Drilling starts to run Regular Guide Shoe, Shoe Joint with Auto Fill. Insert screwed into collar and a total of 88 Joints new 14 lb/ft 5 1/2" casing. A Turbolizer was installed on Collars # 1, 2, 3, 4, 6, 8, and # 10.
5:50						Casing in well. Circulate for 50 minutes
6:25						Trucks on location and hold safety meeting.
6:45		300			5	Start 28 Trcl Pre-Flush.
		2500				Stop pumping. Shut in well. Pressure Test. Open Well.
		300		5	5	Finish 28 Trcl Pre-Flush.
		325		20	5	Start Mud Flush.
				32	5	Start Fresh Water Spacer.
6:55		350		37	5	Start mixing 150 sacks 60/40 Poz cement.
		-0-		72		Stop pumping. Shut in well. Wash pump and lines. Release Top Rubber Plug. Open Well.
		100			6.5	Start Fresh Water Displacement.
					5	Start to lift cement.
7:20		700		90		Plug down.
		1,000				Pressure up.
						Release pressure. Insert held.
		-0-		7	3	Plug Rat Hole.
						Wash up pump truck.
8:00						Job Complete.

Office  
(620) 838-4250

Phone  
(620) 837-3407

James C. Musgrove  
Petroleum Geologist

Address  
P.O. Box 219 • Cimarron, Pa 67525

# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

COMPANY LD Drilling Inc.

LEASE Hilda #2-3

FIELD Max

LOCATION NW-NW-NW-NE (276' ENL  
1,2563' FEL)

SEC 3 TWP 22<sup>s</sup> RGE 12<sup>w</sup>

COUNTY Stafford STATE Kansas

CONTRACTOR Southwind Drilling (rig #2)

WELL NO. 2-3-2011 DATE 2-11-2011

RIG NO. 3720 LTD. 3720

MUD UP 2800' TYPE MUD chemical displaced

SAMPLES TAKEN FROM 2800'

DRILLING TIME FROM 2800'

SAMPLES EXAMINED FROM 2800'

GEOLOGICAL REPORT FROM 2900'

GEOLOGIST ON WELL Josh Austin & Jim Musgrove

### ELEVATIONS

KB 1861

DF \_\_\_\_\_

GL 1852

Measurements Are A  
Feet - K.B.

CASING  
8 5/8" @ 350'

5 1/2" @ 3719'

ELECTRICAL SURVEYS  
By Log Tech

FORMATION TOPS	LOG	LOG
anhydrite	643	+1218
Base anhydrite	661	+1200
Topeka	2837	-976
Hebner	3127	-1266
Terante	3145	-1284
Douglas	3159	-1298
Brown lime	3259	-1398
Wansina	3277	-1416

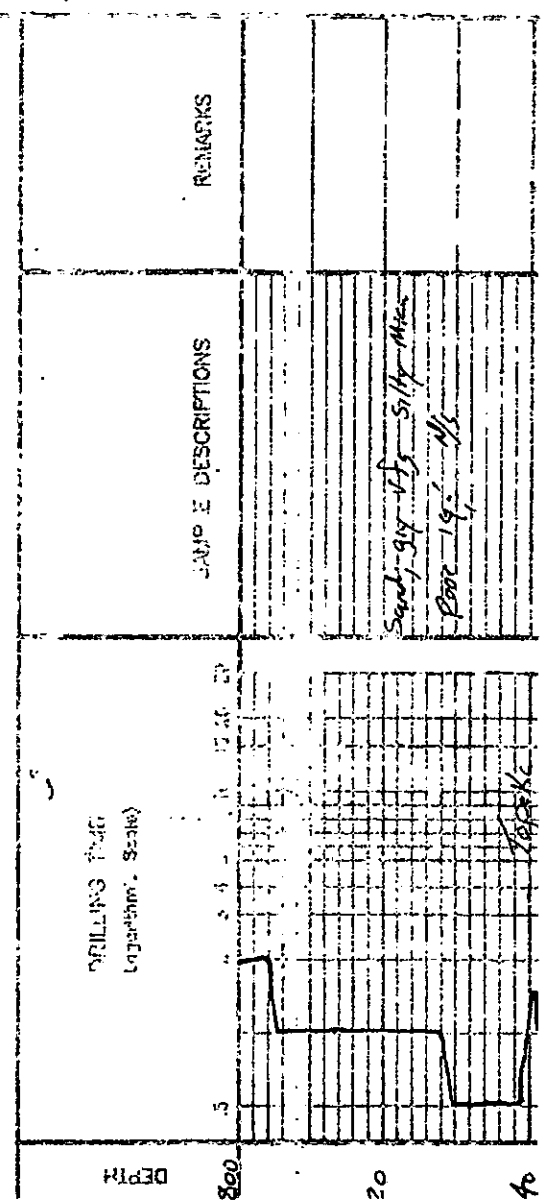
Simpson Sh. 3359 - 1698  
Anhydrite 3609 - 1748  
R.T.D. 3720 - 1853  
W.T.D. 3720 - 1855

3

KS  
5 1/2" casing  
production was set and cemented at 3719'.  
Respectfully Submitted,  
Joshua R. Austin  
Petroleum Geologist  
James C. Musgrove

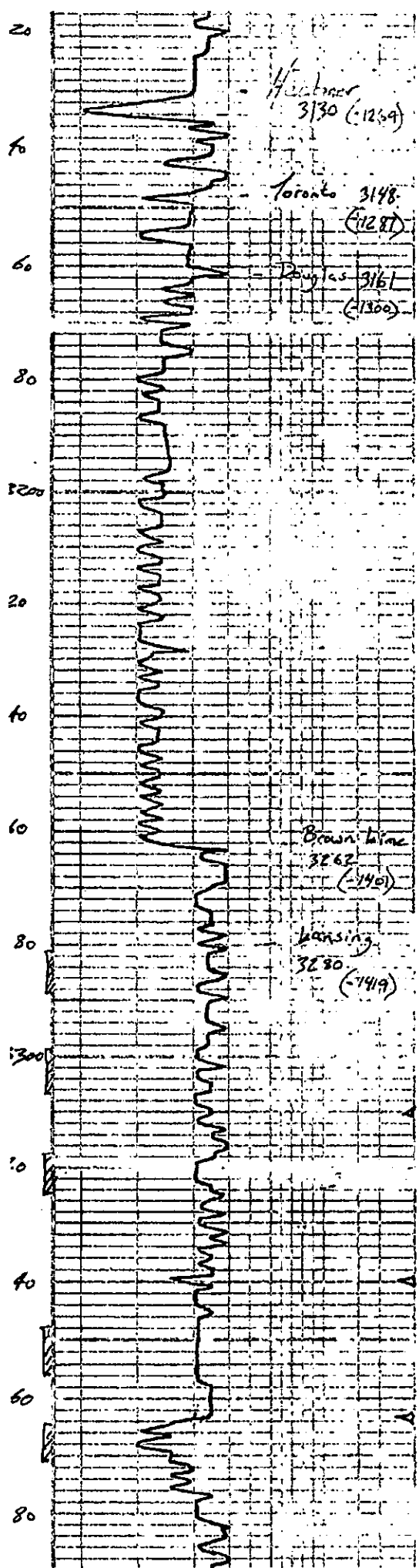
### LEGEND

- Anhydrite
- Salt
- Sandstone
- S.S.
- Gamb sh.
- Limestone
- Cellulose
- Chert
- Dark mica



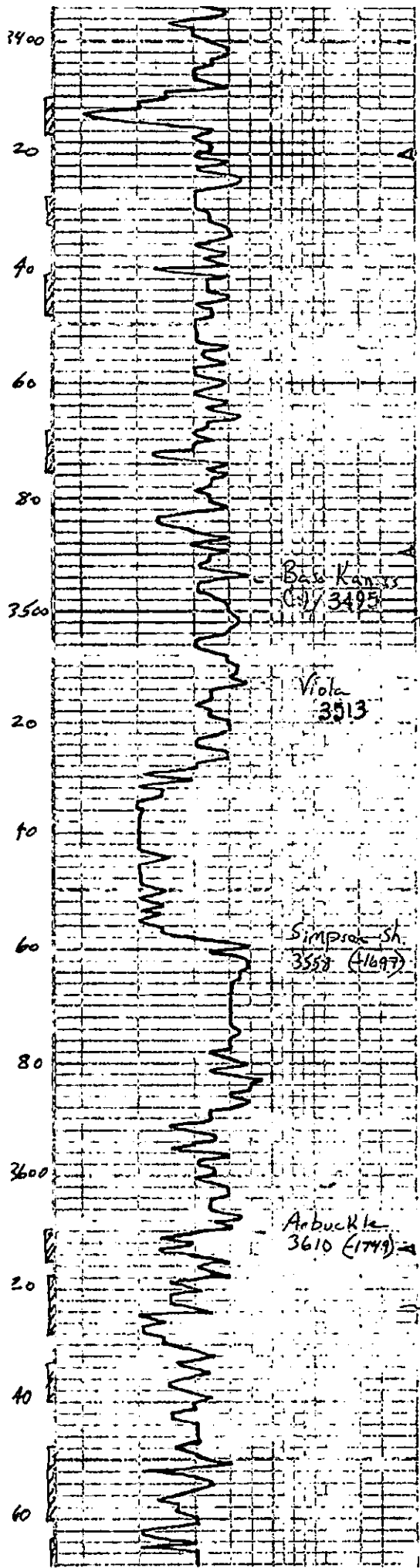






n. blk carb shale  
 ls. wh. con. f. med. fl. soft silty sh. to yellow brn str. N55E0 1 very faint odor  
 gry. greyish green soft slightly mica shale  
 shale as above silty mica  
 gry. greyish green silty mica shale  
 trace siltstone mica gry  
 gry. dk gry soft mica sh.  $\frac{1}{2}$   
 ls. tan = buff f. ch. ch. sh. - 84  
 ls. con = gry f. ch. ch. sh. few foss. Partly dev. - 1/2  
 ls. con f. med. fl. slightly foss. ch. in part, to yellow brn str. N55E0 faint odor  
 ls. tan to FO fl. sh. sh. 1/2 gas bubble  
 ls. gry. con ch. ch. in part poorly dev. to brn sh. faint odor N55E0  
 ls. wh / con slightly med ch. sh. few sect. to yellow brn sh. to grey sh. fl. sh.  
 ls. gry. con in part grey poorly dev. to grey blk str. N55E0  
 ls. con - tan f. ch. ch. sh.

DST #1 3290-3363  
 30-45-45-60  
 Blow Strong 088 in 30 sec  
 94.5 to 4.2 sec  
 Flow 088 in 10 sec  
 Shut in 8 088  
 Gas gauge 54.25 mcf to 9.35 mcf  
 Recovery 90% @ 5000  
 250' Hocrow  
 (51% gas 38% oil 92% water 7% sand)  
 1300' sl. o m w  
 (82% gas 12% oil 70% water 4% sand)  
 125' water seam  
 0.5% oil  
 Pressure: ISIP 739 PSI  
 FSIP 714 "  
 LFP 269-458 "  
 FFP 448-641 "  
 HSH 1548 "  
 - 1555 "  
 DST #2 3400-3420  
 30-45-45-60



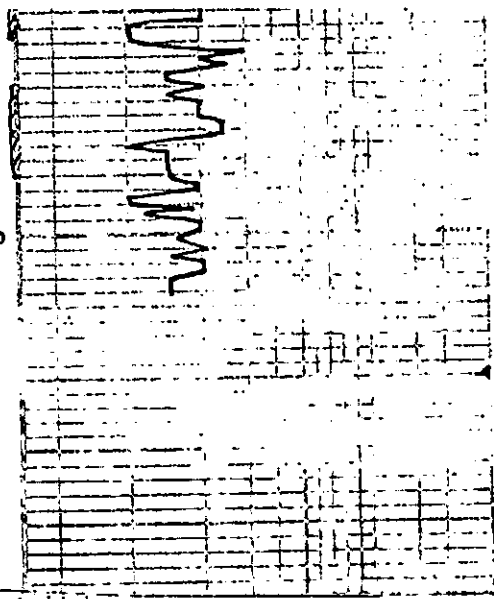
1 GTS in 4 min  
 Final; OBB inward, GTS  
 gas gauged 102.00 mcf to  
 57.70 mcf  
 Recovery 30' very slightly  
 oil cut mud  
 Pressure ISIP 939 PSI  
 FSIP 918 "  
 IEP 92-14 "  
 FFP 82-20 "  
 HSH 1670 "  
 -1607  
 DST #3 3426-3489  
 30-45-45-60  
 Blow strong OBB inward  
 1 GTS in 18 min  
 Final GTS inward  
 Recovery 100' 450cm  
 60' of WCM  
 65' gas face  
 60' gas face  
 Pressure ISIP 837 PSI  
 FSIP 820 "  
 IEP 163-167 "  
 FFP 141-157 "  
 HSH 1647 "  
 -1621  
 gas gauged 27.65 mcf  
 to 374.00 mcf  
 Base Kansas  
 (3495)  
 Viola  
 3513  
 Simpson Sh.  
 3558 (1697)  
 Arbuckle  
 3610 (1749)  
 Dolomite; grey tan fine dense to very  
 fine; yellowish tan sh. sfo. sfo. odor  
 dol. gray-brown fine med x f; silty sh  
 part; gray pp. to lg. brown  
 light brown sh; sfo. odor  
 ? ?  
 dol. ea; fine gray - pk; dense  
 dolomite; brown sh; sfo. odor  
 ? ?  
 dolomite ea; dec. sh; odor  
 + w. d. s. s. (sh. gray-brown)

DST # 4 3556  
 - 3613  
 30-45-45-60  
 Blow strong; G.T.S.  
 25 mins into final  
 flow  
 gas gauged as follows  
 SSP  
 25 mins G.T.S.  
 13,400 csg pd  
 35 " 9,500 "  
 45 " 10,100 "  
 Recovery; 660' Gassy  
 oil  
 240 oil & gas  
 cut mud  
 (140 oil; 6 to gas;  
 80 to mud)

80

1700

20



22  
 dolomite, w/ gray few tan  
 med xtz, 12. gray - bl. stn,  
 hsf, ??? odor  
 22  
 del, w/ tan, med xtz, few  
 coarse xtz, 5.2; bla. tan, hsf,  
 st, ??? odor

550 P 1163  
 IHP 54-214  
 FSP 196-346  
 HSH  
 1702  
 1710

Company **L.D. Drilling, Inc.**  
 Address **7 SW 26th Ave**  
 CSZ **Great Bend, KS 67530**  
 Attn. **Josh Austin**

Lease Name **Hilda**  
 Lease # **2-3**  
 Legal Desc **NW-NW-NW-NE**  
 Section **3**  
 Township **22S**  
 County **Stafford**  
 Drilling Cont **Southwind Drilling Rig #2**

Job Ticket **2138**  
 Range **12W**  
 State **KS**

Comments **Field: Max**

**GENERAL INFORMATION**

Test # 1  
 Tester **Tim Venters**  
 Test Type **Conventional Bottom Hole Successful Test**  
 # of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**  
 Mud Weight **9.0** Viscosity **52.0**  
 Filtrate **8.0** Chlorides **3000**

Drill Collar Len **0**  
 Wght Pipe Len **0**

Formation **Lansing "B-F"**  
 Interval Top **3290.0** Bottom **3363.0**  
 Anchor Len Below **73.0** Between **0**  
 Total Depth **3363.0**  
 Blow Type

**Very strong blow throughout the initial flow period, reaching the bottom of the bucket in 30 seconds. Gas to surface, 4 1/2 minutes. The blow back during the initial shut-in period took about 1 1/2 minutes to reach the bottom of the bucket. Very strong blow throughout the final flow period, hitting the bottom of the bucket instantaneously. Gas to surface instantaneously. The blow back during the final shut-in period took about 1 minute to hit the bottom of the bucket. Times: 30, 45, 45, 60.**

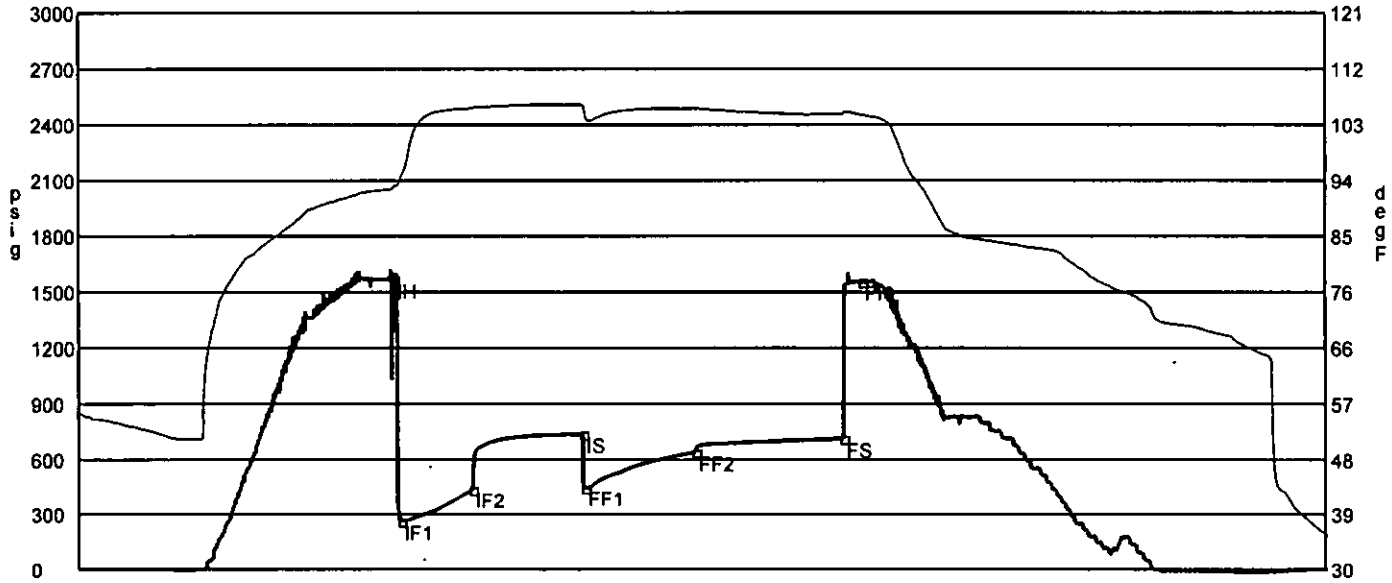
Chokes **3/4** Hole Size **7 7/8**  
 Top Recorder # **W1119**  
 Mid Recorder # **W1022**  
 Bott Recorder # **13310**  
 Mileage **88** Approved By  
 Standby Time **0**  
 Extra Equipmnt **Jars & Safety joint**  
 Time on Site **10:20 AM**  
 Tool Picked Up **2:30 PM**  
 Tool Layed Dwn **10:20 PM**  
 Elevation **1852.00** Kelley Bushings **1861.00**

Start Date/Time **2/7/2011 1:49 PM**  
 End Date/Time **2/7/2011 10:14 PM**

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
1500	Gas in Pipe	100% 1500ft	0% 0ft	0% 0ft	0% 0ft
90	Gassy, very slight oil cut mud	7% 6.3ft	3% 2.7ft	0% 0ft	90% 81ft
250	Gassy, very heavy oil, slight mud cut water	13% 32.5ft	38% 95ft	42% 105ft	7% 17.5ft
1300	Gassy, slight oil, very slight mud cut water	8% 104ft	12% 156ft	76% 988ft	4% 52ft
125	Gassy water with a very slight trace of oil and mud	1% 1.2ft	trace	99% 123.8ft	trace

DST Fluids **97000**



	Date	Time	Pressure	Temp	
IH	2/7/2011 3:56:20 PM	2.122222	1568.054	92.719	Initial Hydro-static
IF1	2/7/2011 3:59:00 PM	2.166667	263.787	94.008	Initial Flow (1)
IF2	2/7/2011 4:28:00 PM	2.65	438.72	105.537	Initial Flow (2)
IS	2/7/2011 5:12:40 PM	3.394444	738.68	106.082	Initial Shut-In
FF1	2/7/2011 5:13:30 PM	3.408333	448.5	105.054	Final Flow (1)
FF2	2/7/2011 5:58:30 PM	4.158333	641.331	105.44	Final Flow (2)
FS	2/7/2011 6:58:20 PM	5.155556	714.252	104.601	Final Shut-In
FH	2/7/2011 7:05:50 PM	5.280556	1555.268	104.467	Final Hydro-static

GAS FLOWS

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke
10	0	54.25 mcf	14.50 h2o	0.75 in
20	0	30.10 mcf	4.50 h2o	0.75 in
30	0	16.00 mcf	6.00 h2o	0.50 in
0	10	4.90 mcf	0.25 h2o	0.25 in
0	20	4.76 mcf	8.00 h2o	0.25 in
0	30	6.83 mcf	16.50 h2o	0.25 in
0	40	9.50 mcf	32.00 h2o	0.25 in
0	45	9.35 mcf	31.00 h2o	0.25 in

Company	L.D. Drilling, Inc.	Lease Name	Hilda	
Address	7 SW 26th Ave	Lease #	2-3	
CSZ	Great Bend, KS 67530	Legal Desc	NW-NW-NW-NE	Job Ticket 2138
Attn.	Josh Austin	Section	3	Range 12W
		Township	22S	
		County	Stafford	State KS
		Drilling Cont	Southwind Drilling Rig #2	

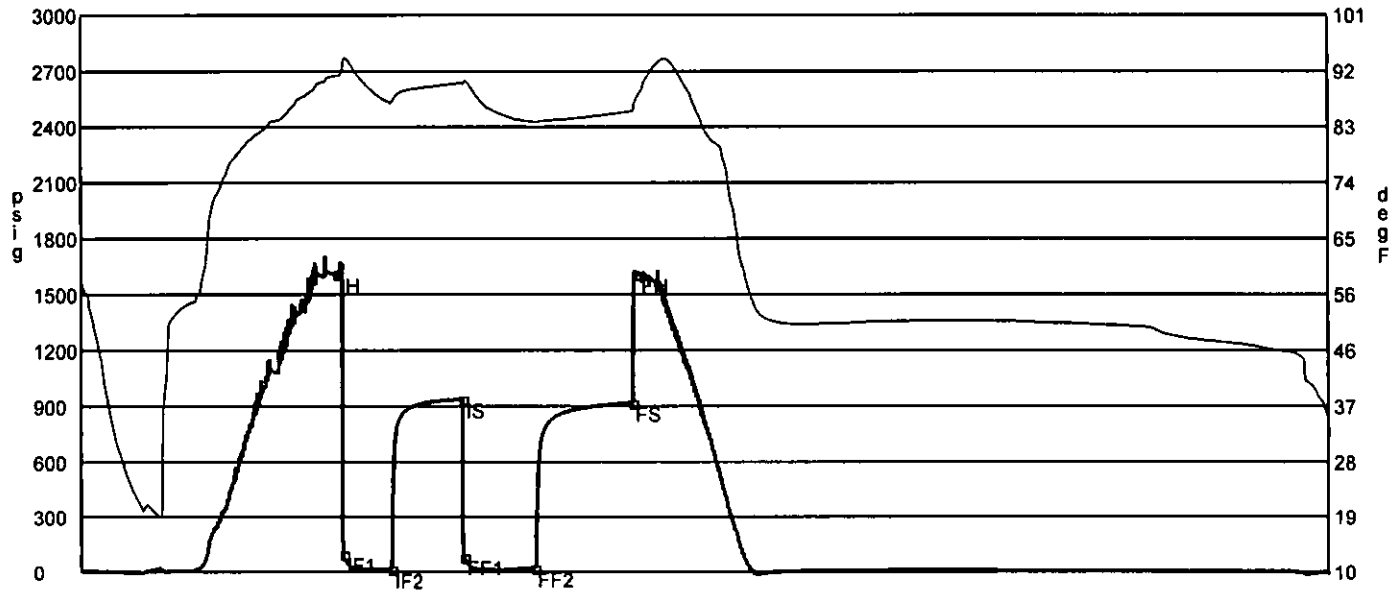
Comments    **Field: Max**

**GENERAL INFORMATION**

Test # 2	Test Date 2/8/2011	Chokes	3/4	Hole Size	7 7/8
Tester	Tim Venters	Top Recorder #	W1119		
Test Type	Conventional Bottom Hole	Mid Recorder #	W1022		
	Successful Test	Bott Recorder #	13310		
# of Packers	2.0	Packer Size	6 3/4	Mileage	88
				Standby Time	0
Mud Type	Gel Chem	Extra Equipmnt	Jars & Safety joint	Approved By	
Mud Weight	9.2	Viscosity	44.0	Time on Site	6:00 AM
Filtrate	8.8	Chlorides	4200	Tool Picked Up	7:25 AM
				Tool Layed Dwn	7:20 PM
Drill Collar Len	0	Elevation	1852.00	Kelley Bushings	1861.00
Wght Pipe Len	0				
Formation	Lansing "H"	Start Date/Time	2/8/2011 6:29 AM		
Interval Top	3400.0	Bottom	3420.0	End Date/Time	2/8/2011 7:26 PM
Anchor Len Below	20.0	Between	0		
Total Depth	3420.0				
Blow Type	Very strong blow throughout the initial flow period, hitting the bottom of the bucket instantaneously. Gas to surface in 4 minutes. Very strong blow throughout the final flow period, hitting the bottom of the bucket instantaneously. Gas to surface, instantaneously. Times: 30, 45, 45, 60.				

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
3345	Gas in Pipe	100%	0%	0%	0%
30	Very slight oil cut mud	0%	1%	0%	99%
	DST Fluids	0			



	Date	Time	Pressure	Temp	
IH	2/8/2011 9:07:30 AM	2.641667	1610.378	91.242	Initial Hydro-static
IF1	2/8/2011 9:11:30 AM	2.708333	98.708	92.925	Initial Flow (1)
IF2	2/8/2011 9:41:40 AM	3.211111	14.49	86.718	Initial Flow (2)
IS	2/8/2011 10:26:10 AM	3.952778	939.181	90.01	Initial Shut-In
FF1	2/8/2011 10:26:50 AM	3.963889	82.107	89.816	Final Flow (1)
FF2	2/8/2011 11:10:50 AM	4.697222	19.908	83.614	Final Flow (2)
FS	2/8/2011 12:11:50 PM	5.713889	918.698	85.399	Final Shut-In
FH	2/8/2011 12:15:40 PM	5.777778	1607.989	88.07	Final Hydro-static

**GAS FLOWS**

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke
10	0	102.00 mcf	15.50 psig	1.00 in
20	0	81.60 mcf	10.00 h2o	1.00 in
30	0	70.70 mcf	7.50 h2o	1.00 in
0	10	103.00 mcf	16.00 h2o	1.00 in
0	20	77.50 mcf	9.00 h2o	1.00 in
0	30	65.80 mcf	6.50 h2o	1.00 in
0	40	60.50 mcf	5.50 h2o	1.00 in
0	45	57.70 mcf	5.00 h2o	1.00 in



Company	L.D. Drilling, Inc.	Lease Name	Hilda	
Address	7 SW 26th Ave	Lease #	2-3	
CSZ	Great Bend, KS 67530	Legal Desc	NW-NW-NW-NE	Job Ticket 2138
Attn.	Josh Austin	Section	3	Range 12W
		Township	22S	
		County	Stafford	State KS
		Drilling Cont	Southwind Drilling Rig #2	

Comments    **Field: Max**

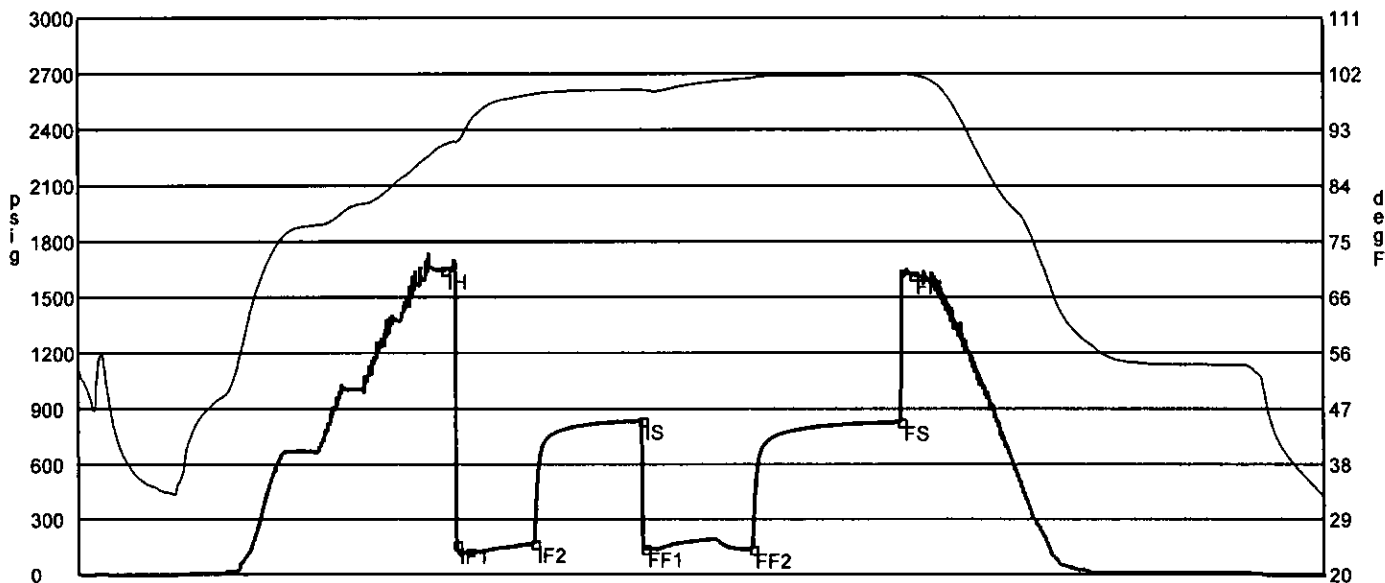
**GENERAL INFORMATION**

Test # 3	Test Date 2/9/2011	Chokes 3/4	Hole Size 7 7/8
Tester Tim Venters		Top Recorder # W1119	
Test Type Conventional Bottom Hole		Mid Recorder # W1022	
		Bott Recorder # 13310	
# of Packers 2.0	Packer Size 6 3/4	Mileage 0	Approved By
		Standby Time 0	
Mud Type Gel Chem		Extra Equipmnt Jars & Safety joint	
Mud Weight 9.3	Viscosity 50.0	Time on Site 6:00 AM	
Filtrate 8.8	Chlorides 5000	Tool Picked Up 11:35 AM	
		Tool Layed Dwn 7:10 PM	
Drill Collar Len 0		Elevation 1852.00	Kelley Bushings 1861.00
Wght Pipe Len 0			
Formation Lansing "J-K"		Start Date/Time 2/9/2011 10:53 AM	
Interval Top 3426.0	Bottom 3489.0	End Date/Time 2/9/2011 7:22 PM	
Anchor Len Below 63.0	Between 0		
Total Depth 3489.0			
Blow Type	<b>Strong blow throughout the intial flow period, reaching the bottom of the bucket instantaneously. Gas to surface in 18 minutes. Very strong blow back during the intial shut-in period that hit the bottom of the bucket in 30 seconds. Very strong blow throughout the final flow period, hitting the bottom of the bucket instantaneously. Gas to surface instanteously. Times: 30, 45, 45, 60.</b>		

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
3175	Gas in Pipe	100% 3175ft	0% 0ft	0% 0ft	0% 0ft
100	Very gassy, very slight oil cut mud	18% 18ft	1% 1ft	0% 0ft	81% 81ft
60	Very gassy, heavy oil, water cut mud	13% 7.8ft	30% 18ft	17% 10.2ft	40% 24ft
65	Very gassy, heavy water, heavy mud cut oil	20% 13ft	37% 24ft	21% 13.6ft	22% 14.3ft
60	Very gassy, heavy oil, heavy mud cut water	27% 16.2ft	20% 12ft	36% 21.6ft	17% 10.2ft

DST Fluids    **60000**



	Date	Time	Pressure	Temp	
IH	2/9/2011 1:22:20 PM	2.488889	1647.064	90.395	Initial Hydro-static
IF1	2/9/2011 1:27:00 PM	2.566667	163.593	90.832	Initial Flow (1)
IF2	2/9/2011 1:58:50 PM	3.097222	167.56	98.62	Initial Flow (2)
IS	2/9/2011 2:42:50 PM	3.830556	837.614	99.435	Initial Shut-In
FF1	2/9/2011 2:43:50 PM	3.847222	141.91	99.331	Final Flow (1)
FF2	2/9/2011 3:28:10 PM	4.586111	137.585	101.274	Final Flow (2)
FS	2/9/2011 4:28:50 PM	5.597222	830.844	101.781	Final Shut-In
FH	2/9/2011 4:33:50 PM	5.680556	1621.12	101.75	Final Hydro-static

**GAS FLOWS**

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke
20	0	27.65 mcf	20.50 h2o	0.50 in
30	0	30.70 mcf	24.00 h2o	0.50 in
0	10	38.70 mcf	7.50 h2o	0.75 in
0	20	44.80 mcf	10.00 h2o	0.75 in
0	30	331.00 mcf	15.00 psig	0.75 in
0	40	51.40 mcf	13.00 h2o	0.75 in
0	45	374.00 mcf	7.00 h2o	0.75 in

Company L.D. Drilling, Inc.  
 Address 7 SW 26th Ave.  
 CSZ Great Bend, KS 67530  
 Attn. Josh Austin

Lease Name Hilda  
 Lease # 2-3  
 Legal Desc NW-NW-NW-NE  
 Section 3  
 Township 22S  
 County Stafford  
 Drilling Cont Southwind Drilling Rig #2

Job Ticket 2138  
 Range 12W  
 State KS

Comments Field: Max

GENERAL INFORMATION

Test # 4 Test Date 2/10/2011  
 Tester Jimmy Ricketts  
 Test Type Conventional Bottom Hole  
 Successful Test  
 # of Packers 2.0 Packer Size 6 3/4

Mud Type Gel Chem  
 Mud Weight 9.3 Viscosity 50.0  
 Filtrate 10.4 Chlorides 5800

Drill Collar Len 0  
 Wght Pipe Len 0

Formation Arbuckle  
 Interval Top 3556.0 Bottom 3613.0  
 Anchor Len Below 57.0 Between 0  
 Total Depth 3613.0

Blow Type Strong blow throughout initial flow period. Strong blow back during initial shut-in period. Weak blow building to strong blow 2 minutes into final flow. Strong blow back during final shut-in period. Times: 30, 45, 45, 60.  
 API gravity was 43.

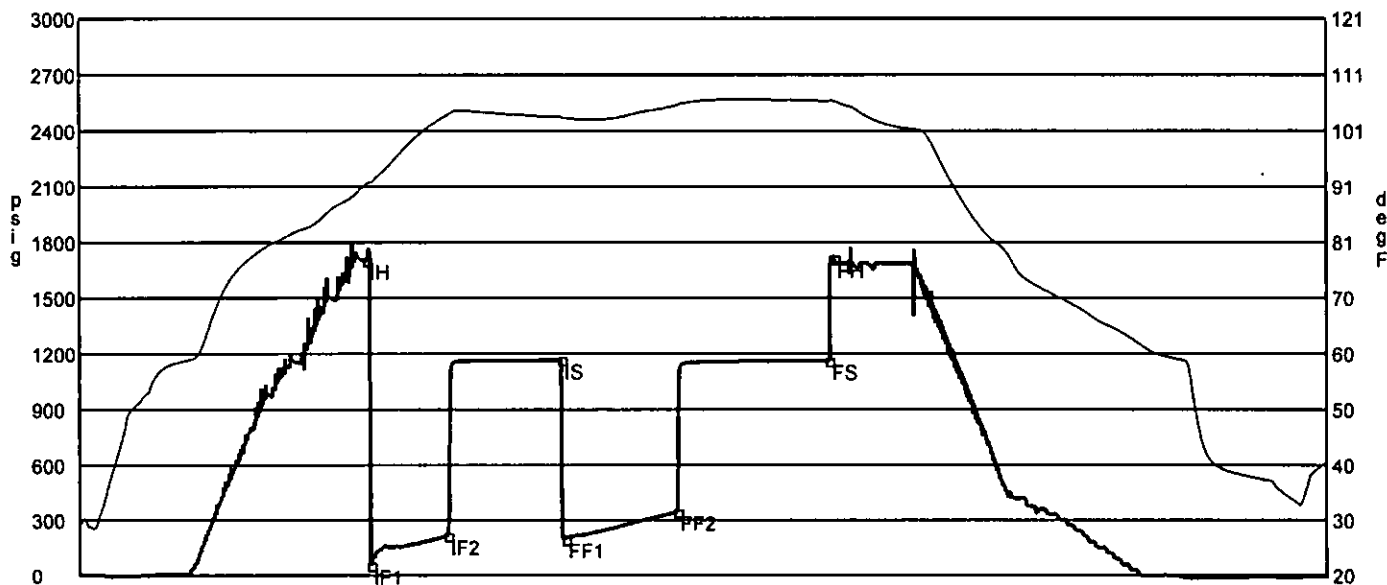
Chokes 3/4 Hole Size 7 7/8  
 Top Recorder # 13767  
 Mid Recorder #  
 Bott Recorder # w1023  
 Mileage 88 Approved By  
 Standby Time 0  
 Extra Equipmnt Jars & Safety Joint  
 Time on Site 9:00 AM  
 Tool Picked Up 9:40 AM  
 Tool Layed Dwn 4:20 PM  
 Elevation 1852.00 Kelley Bushings 1861.00

Start Date/Time 2/10/2011 9:26 AM  
 End Date/Time 2/10/2011 5:33 PM

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
240	Gassy heavy oil cut mud	6% 14.4ft	14% 33.6ft	0% 0ft	80% 192ft
660	Very gassy clean oil	0% 0ft	100% 660ft	0% 0ft	0% 0ft

DST Fluids 0



	Date	Time	Pressure	Temp	
IH	2/10/2011 11:17:20 AM	1.855556	1702.38	91.236	Initial Hydro-static
IF1	2/10/2011 11:18:50 AM	1.880556	53.665	91.459	Initial Flow (1)
IF2	2/10/2011 11:48:50 AM	2.380556	214.085	103.662	Initial Flow (2)
IS	2/10/2011 12:33:30 PM	3.125	1167.124	103.406	Initial Shut-In
FF1	2/10/2011 12:35:00 PM	3.15	195.925	103.213	Final Flow (1)
FF2	2/10/2011 1:18:40 PM	3.877778	346.076	105.483	Final Flow (2)
FS	2/10/2011 2:18:10 PM	4.869444	1162.551	106.245	Final Shut-In
FH	2/10/2011 2:20:10 PM	4.902778	1710.5	106.282	Final Hydro-static

**GAS FLOWS**

<u>Min Into IFP</u>	<u>Min Into FFP</u>	<u>Gas Flows</u>	<u>Pressure</u>	<u>Choke</u>
0	25	12.40 mcf	12.00 h2o	0.38 in
0	35	9.50 mcf	7.50 h2o	0.38 in
0	45	10.10 mcf	8.00 h2o	0.38 in