



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

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: _____



1061682

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> <input type="checkbox"/> Other <i>(Specify)</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	R S P 1-24
Doc ID	1061682

All Electric Logs Run

DUAL COMPENSATED POROSITY LOG
DUAL INDUCTION LOG
MICRORESISTIVITY LOG
SONIC CEMENT BOND LOG



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 03669 A

DATE _____ TICKET NO. _____

DATE OF JOB 4-27-2011 DISTRICT PRATT, Ks.		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 LD DRILLING, INC.		LEASE RSP WELL NO. 1-24							
ADDRESS		COUNTY BARTON STATE Ks.							
CITY STATE		SERVICE CREW LESLEY, WISER, PHYE							
AUTHORIZED BY		JOB TYPE: CNW - 8 5/8" S.P.							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	PM	TIME
19870	1						4-26-11		11:00
27463	1					ARRIVED AT JOB	4-27-11	AM	1:20
19960-19918	1					START OPERATION		AM	4:45
						FINISH OPERATION		AM	5:35
						RELEASED		AM	6:15
						MILES FROM STATION TO WELL			50

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 *Jim Michle*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-CON BLEND	SK	200		3,600 00
CP 100	COMMON	SK	200		3,200 00
CC 102	CELL-FLAKE	lb	100		370 00
CC 109	CALCIUM CHLORIDE	lb	1128		1,184 40
CC 200	CEMENT GEL	lb	376		94 00
CF 153	WOODEN CMT. PLUG, 8 5/8"	EA	1		160 00
E 100	PICKUP MILEAGE	MI	50		212 50
E 101	HEAVY EQUIPMENT MILEAGE	MI	100		700 00
E 113	BULK DELIVERY CHARGE	TM	940		1,504 00
CE 200	DEPTH CHARGE '0-500'	HR	1-4		1,000 00
CE 240	BLENDING SERVICE CHARGE	SK	400		560 00
CE 504	PLUG CONTAINER CHARGE	JOB	1		250 00
S 003	SERVICE SUPERVISOR	EA	1		175 00

SUB TOTAL **10,017 60**

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE *Lesley* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY *Jim Michle*
FIELD SERVICE ORDER NO. (WELL OWNER OPER. OR CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

TREATMENT REPORT

Customer LD DRILLING, INC.	Lease No.	Date 4-27-2011
Lease RSP	Well # 1-24 TD	
Field Order # 3469	Station Pratt, Ks.	Casing 8 5/8" Depth 478.75'
Type Job CNW-8 5/8" S.P.	Formation	County BARTON State Ks.
		Legal Description 29-20-11

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8"	Tubing Size	Shots/Ft	CMT-	Acid 200 SK A-CON	RATE	PRESS	ISIP	
Depth 468.75	Depth	From	To	Pre Pad @ 2.12 cuft³	Max		5 Min.	
Volume 29.81	Volume	From	To	Pad 200 SK Common	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac @ 1.34 cuft³	Avg		15 Min.	
Well Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 445	Packer Depth	From	To	Flush 28.5 BBL	Gas Volume		Total Load	

Customer Representative **JIM (PETROMARK)** Station Manager **D. SCOTT** Treater **K. LESLEY**

Service Units	19870	27463	19960	19918					
Driver Names	LESLEY	WISER	PHYE						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:20 AM					ON LOCATION - SAFETY MEETING
3:15 AM					RUN 9 JTS. 8 5/8" X 24# CSG.
4:30 AM					CSG. ON BOTTOM
4:45 AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
4:50 AM	200		5	6	H₂O AHEAD
5:02 AM	100		75.5	6	MIX 200 SKS. A-CON @ 12.6 #/GAL
5:16 AM	100		48	6	MIX 200 SKS COMMON @ 15.0 #/GAL
5:25 AM					SHUT DOWN - RELEASE PLUG
5:28 AM	0		0	5	START DISPLACEMENT
5:32 AM	150		18	4	SLOW RATE
5:35 AM	200		28.5	3	PLUG DOWN - CLOSE IN
					JOB COMPLETE,
					THANKS -
					KEEVEN LESLEY
					CIRCULATE 10 bbl. CEMENT
					TO P&T



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 03971 A

DATE _____ TICKET NO. _____

DATE OF JOB 05-1-11 DISTRICT PRA-TT KS		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		LEASE R.S.P. 1-24		WELL NO.					
ADDRESS		COUNTY BARTON		STATE KS					
CITY STATE		SERVICE CREW Sullivan, Nelson, McGrath							
AUTHORIZED BY		JOB TYPE: CPW 5 1/2 Longstay							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
33708-20920	35 min						5-1-11		5:00
19862-19960	35 min								8:00
37900									10:45
									11:25
									12:00
									50

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: *Jim Michle*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 p02 cmf	SK	125		1,500 00
CP 103	60/40 p02 cmf	SK	30		360 00
CC 102	CollPac	lb	32		118 40
CC 105	De-foamix	lb	27		108 00
CC 111	Salt	lb	116		558 00
CC 112	Cont Fracture Reducer	lb	81		486 00
CC 201	Q.15000	lb	625		418 75
CF 103	1" Top Ribbon plug 5 1/2	SA	1		105 00
CF 251	guide shoe	SA	1		250 00
CF 1451	Wapping Tensort Hoop	SA	1		215 00
CF 1651	Turbid 12.0	SA	5		560 00
C 204	KCL Soln	gal	1		35 00
EC 181	Mud Wash	gal	500		430 00
E 100	pickup mitre	mi	50		212 50
E 101	Heavy Eqmt.	mi	100		700 00
E 113	Bulk Delivery	Ton	325		536 00
CF 204	Depth Charge	SA	1		2,160 00
CF 240	Blending - mixing	SK	155		217 00
PE 504	Plus Lubricants Rental	SA	1		250 00
5003	Schulz Superline	SA	1		175 00
SUB TOTAL					7,226 18

CHEMICAL / ACID DATA:	

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		7,226.18

Thank you

SERVICE REPRESENTATIVE <i>Robert J. [Signature]</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Jim Michle</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	

BASIC

energy services, L.P.

TREATMENT REPORT

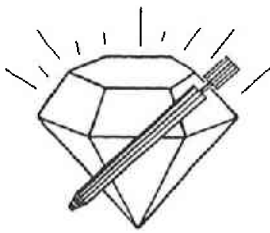
Customer <i>L.O. Drilling INC</i>	Lease No.	Date <i>05-1-11</i>
Lease <i>RSP.</i>	Well # <i>1-24</i>	
Field Order # <i>3971</i>	Station <i>Pratt KS.</i>	Casing <i>5 1/2</i>
Type Job <i>ON W 5 1/2 Long Strip</i>	Formation	Depth <i>3353'</i>
		County <i>BALTON</i>
		State <i>KS</i>
		Legal Description <i>24-30-11</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>5 1/2</i>								
Depth <i>3353</i>	Depth	From	To	Pre Pad	Max			5 Min.
Volume <i>81.5</i>	Volume	From	To	Pad	Min			10 Min.
Max Press <i>1500</i>	Max Press	From	To	Frac	Avg			15 Min.
Well Connection <i>PC.</i>	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth <i>3343</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>33900</i>	<i>33708</i>	<i>20900</i>	<i>19824</i>	<i>19860</i>				
Driver Names	<i>Sullivan</i>	<i>Mason</i>	<i>Mason</i>	<i>Mason</i>	<i>Mason</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>08:00 am</i>					<i>ON Wc Saff, mstry</i>
					<i>Run 77 J.T.S 5 1/2 14 CS9.</i>
					<i>cont 1, 3, 5, 7, 9.</i>
<i>10:00</i>					<i>CASING ON BOTTOM</i>
<i>10:10</i>					<i>Hook Up To circ.</i>
<i>10:45</i>	<i>150</i>		<i>20</i>	<i>4</i>	<i>St MCT Flush 2%</i>
			<i>12</i>		<i>St MUD Flush</i>
			<i>3</i>		<i>SPACER</i>
			<i>27</i>	<i>5.5</i>	<i>mix cmt 125. sk. 60/40 POC @ 15.4 PPG.</i>
					<i>cmt mixed shut down with pump while</i>
					<i>Release Plug</i>
				<i>5</i>	<i>St Deep.</i>
	<i>200</i>		<i>63</i>		<i>Let + Psi.</i>
	<i>450</i>			<i>4.5</i>	<i>Slow Rate.</i>
<i>11:25</i>	<i>1500</i>		<i>81 1/2</i>		<i>plug down Held good</i>
			<i>7</i>		<i>Play R.H w/30 sk.</i>
					<i>SOB Complete</i>
					<i>Thank You</i>



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

STC 30046.D947

Company L. D. Drilling, Inc. Lease & Well No. RSP No. 1-24
 Elevation 1749 KB Formation Lansing/Kansas City "B" - "G" Effective Pay -- Ft. Ticket No. J2742
 Date 4-29-11 Sec. 24 Twp. 20S Range 11W County Barton State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,008 ft. to 3,090 ft. Total Depth 3,090 ft.

Packer Depth 3,003 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,008 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,011 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 3,087 ft. Recorder Number 11073 Cap. 4,000 psi

Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 64 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.8 Water Loss 9.0 cc. Drill Pipe Length 2,866 ft. I.D. 3 1/2 in.

Chlorides 4,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 82 ft. Size 4 1/2 - FFI in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 1 1/2 mins. Strong blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 3 mins. Strong blow back during shut-in.

Recovered 300 ft. of gas in pipe

Recovered 630 ft. of mud cut gassy oil = 8.964900 bbls. (Grind out: 20%-mud; 40%-gas; 40%-oil) Gravity: 37 @ 60°

Recovered 570 ft. of gassy water = 6.993900 bbls. (Grind out: 10%-gas; 90%-water) Chlorides: 27,000 Ppm

Recovered 1,200 ft. of TOTAL FLUID = 15.958800 bbls.

Recovered ft. of

Remarks Mechanical recorder jammed; no chart.

Time Set Packer(s) 8:30 ~~XXM.~~ P.M. Time Started Off Bottom 11:30 ~~XXM.~~ P.M. Maximum Temperature 103°

Initial Hydrostatic Pressure (A) 1434 P.S.I.

Initial Flow Period Minutes 30 (B) 101 P.S.I. to (C) 326 P.S.I.

Initial Closed In Period Minutes 45 (D) 894 P.S.I.

Final Flow Period Minutes 45 (E) 353 P.S.I. to (F) 509 P.S.I.

Final Closed In Period Minutes 60 (G) 873 P.S.I.

Final Hydrostatic Pressure (H) 1414 P.S.I.

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: 1-24 RSP

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S24/20S/11W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number: D943

Test Unit:

Start Date: 2011/04/29

Start Time: 19:00:00

End Date: 2011/04/30

End Time: 02:30:00

Report Date: 2011/04/30

Prepared By: JOHN RIEDL

Remarks:

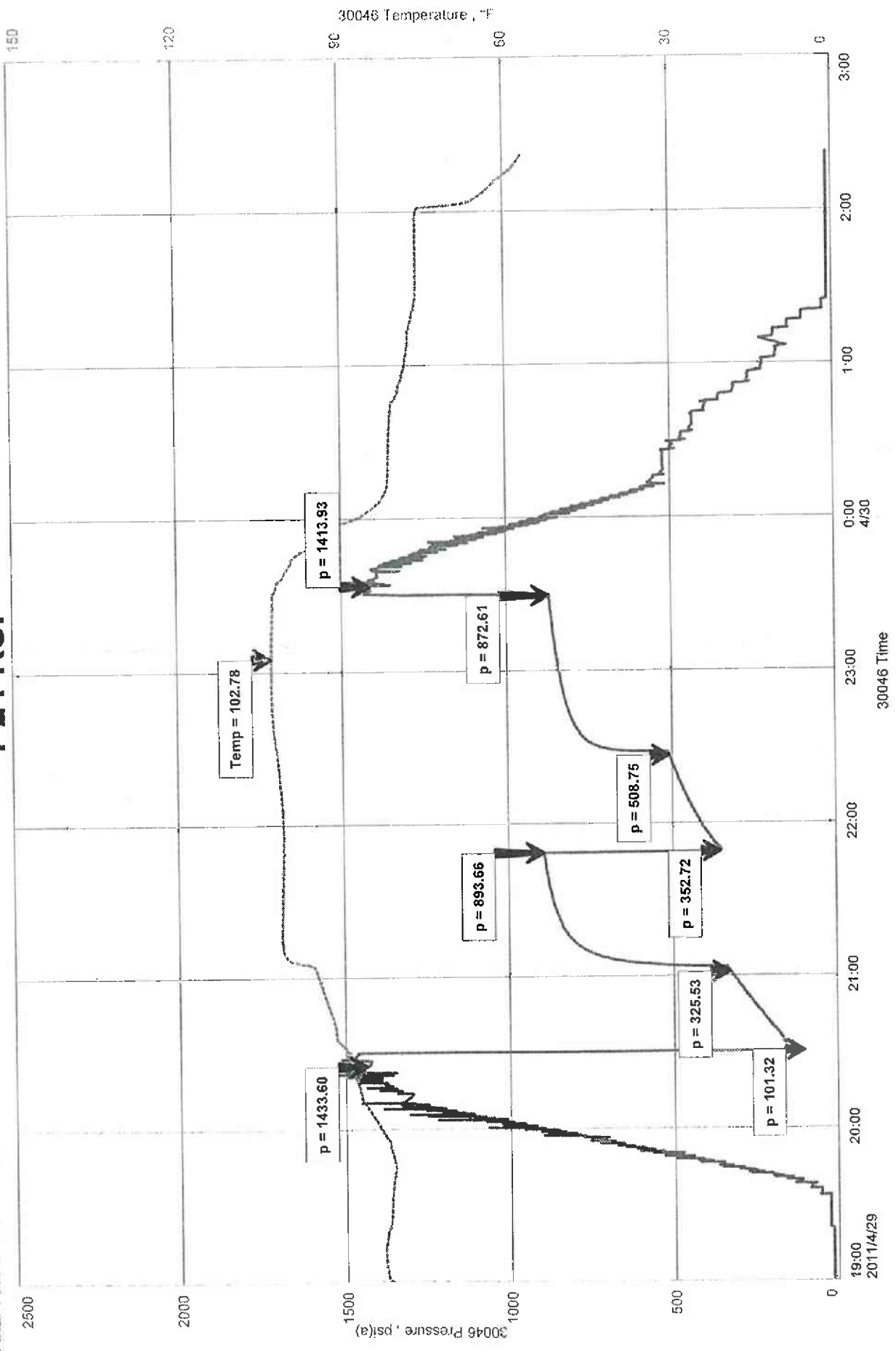
Qualified By: KIM SHOEMAKER

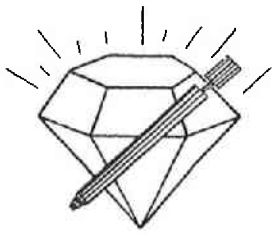
RECOVERY: 300' GAS IN PIPE, 630 MUDDY GASSY OIL, 570' GASSY WATER

1-24 RSP
Formation: LKC "B-G"
Job Number: D943

L D DRILLING INC
Start Test Date: 2011/04/29
Final Test Date: 2011/04/30

1-24 RSP





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D948

Company L. D. Drilling, Inc. Lease & Well No. RSP No. 1-24
Elevation 1749 KB Formation Toronto Effective Pay -- Ft. Ticket No. J2743
Date 4-30-11 Sec. 24 Twp. 20S Range 11W County Barton State Kansas

Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 2,830 ft. to 3,000 ft. Total Depth 3,090 ft.

Packer Depth 2,825 ft. Size 6 3/4 in. Packer Depth 3,000 ft. Size 6 3/4 in.

Packer Depth 2,830 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 2,833 ft. Recorder Number 30046 Cap. 6,000 psi

Bottom Recorder Depth (Outside) 2,880 ft. Recorder Number 11017 Cap. 4,000 psi

Below Straddle Recorder Depth 3,087 ft. Recorder Number 11073 Cap. 4,000 psi

Drilling Contractor Petromark Drilling LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Mud Type Chemical Viscosity 64 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.8 Water Loss 9.0 cc. Drill Pipe Length 2,688 ft. I.D. 3 1/2 in.

Chlorides 4,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in.

Jars: Make Sterling Serial Number Not Run Anchor Length 90' perf. w/ 170' drill pipe Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 2 in., blow. No blow back during shut-in.

2nd Open: Weak, 1 in., blow. No blow back during shut-in.

Recovered 50 ft. of very slightly oil cut mud = .246000 bbls. (Grind out: 2%-oil; 98%-mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks

Time Set Packer(s) 4:45 ~~XXX~~ ^{A.M.} Time Started Off Bottom 7:15 ~~PM~~ ^{A.M.} Maximum Temperature 95°

Initial Hydrostatic Pressure (A) 1364 P.S.I.

Initial Flow Period Minutes 30 (B) 30 P.S.I. to (C) 35 P.S.I.

Initial Closed In Period Minutes 60 (D) 113 P.S.I.

Final Flow Period Minutes 30 (E) 40 P.S.I. to (F) 43 P.S.I.

Final Closed In Period Minutes 30 (G) 59 P.S.I.

Final Hydrostatic Pressure (H) 1337 P.S.I.

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: 1-24 RSP

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S24/20S/18W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: STRADDLE Job Number: D948

Test Unit:

Start Date: 2011/04/30 Start Time: 03:04:00

End Date: 2011/04/30 End Time: 09:30:00

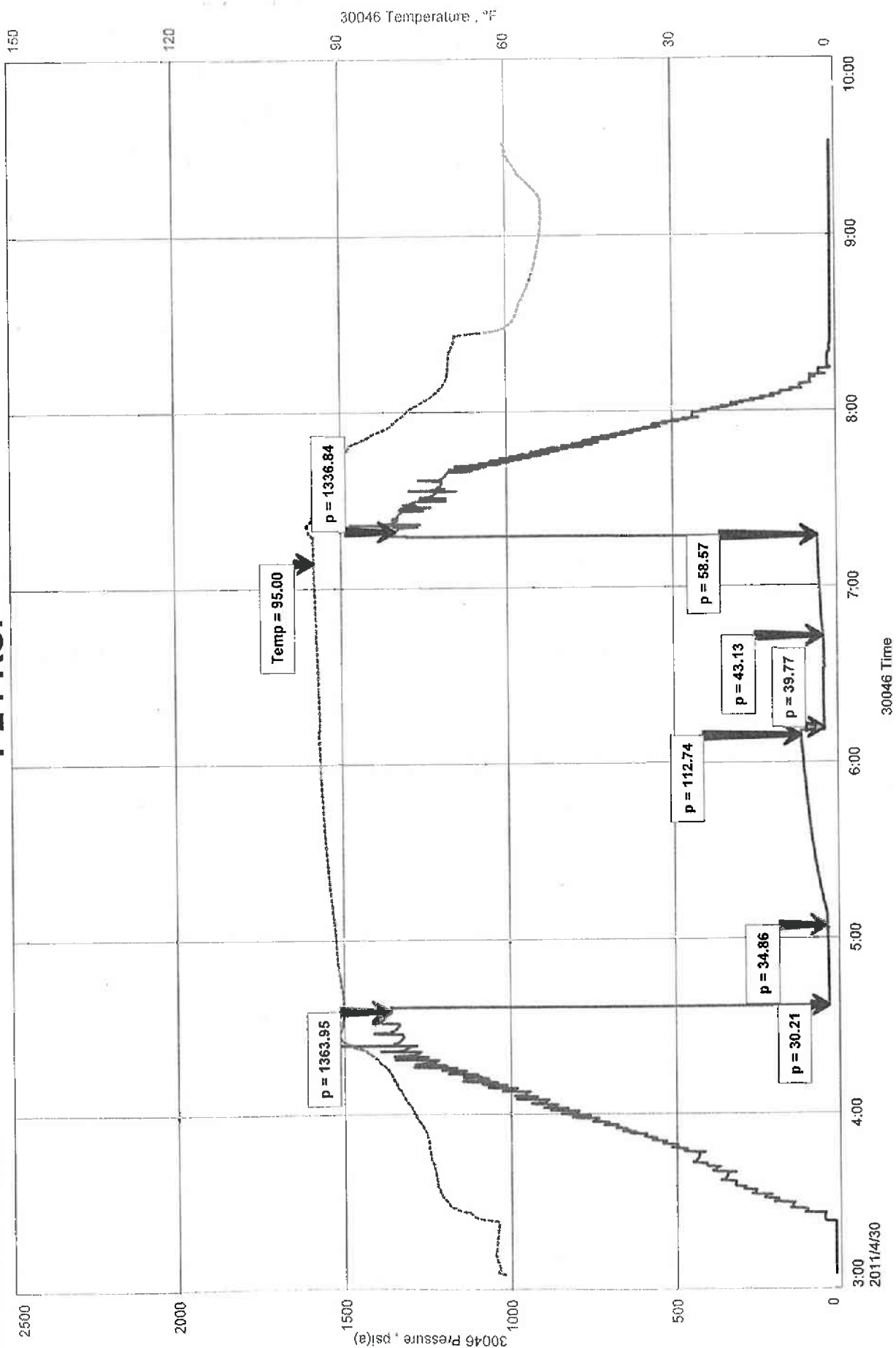
Report Date: 2011/04/30 Prepared By: JOHN RIEDL

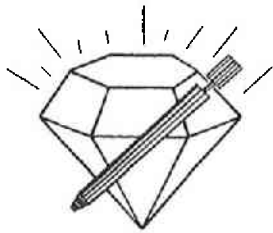
Qualified By: KIM SHOEMAKER

Remarks:

RECOVERY: 50' VERY SLIGHTL OIL CUT MUD

1-24 RSP





DIAMOND TESTING

P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
STC 30046.D949

Company L. D. Drilling, Inc. Lease & Well No. RSP No. 1-24
Elevation 1749 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. J2744
Date 4-30-11 Sec. 24 Twp. 20S Range 11W County Barton State Kansas
Test Approved By Kim B. Shoemaker Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 3,220 ft. to 3,250 ft. Total Depth 3,250 ft.
Packer Depth 3,215 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,220 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,223 ft. Recorder Number 30046 Cap. 6,000 psi
Bottom Recorder Depth (Outside) 3,247 ft. Recorder Number 11073 Cap. 4,000 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling LLC - Rig 2 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 56 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.0 Water Loss 12.0 cc. Drill Pipe Length 3,078 ft. I.D. 3 1/2 in.
Chlorides 8,000 P.P.M. Test Tool Length 22 ft. Tool Size 3 1/2 - IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 30 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucekt in 5 mins. No blow back during shut-in.
2nd Open: Strong blow. Off bottom of bucket in 10 mins. No blow back during shut-in.

Recovered 2 ft. of free oil = .028460 bbls.
Recovered 998 ft. of slightly mud cut water = 13.084340 bbls. (Grind out: 5%-mud; 95%-water) Chlorides: 14,000 Ppm
Recovered 1,000 ft. of TOTAL FLUID = 13.112800 bbls.
Recovered ft. of
Recovered ft. of

Remarks

Time Set Packer(s) 10:50 ~~P.M.~~ ^{P.M.} Time Started Off Bottom 1:50 ~~P.M.~~ ^{A.M.} Maximum Temperature 108°
Initial Hydrostatic Pressure (A) 1584 P.S.I.
Initial Flow Period Minutes 30 (B) 49 P.S.I. to (C) 235 P.S.I.
Initial Closed In Period Minutes 45 (D) 775 P.S.I.
Final Flow Period Minutes 45 (E) 250 P.S.I. to (F) 415 P.S.I.
Final Closed In Period Minutes 60 (G) 776 P.S.I.
Final Hydrostatic Pressure (H) 1528 P.S.I.

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: 1-24 RSP

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S24/26S/18W

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: CONVENTIONAL

Job Number: D949

Test Unit:

Start Date: 2011/04/30

Start Time: 21:40:00

End Date: 2011/05/01

End Time: 04:30:00

Report Date: 2011/05/01

Prepared By: JOHN RIEDL

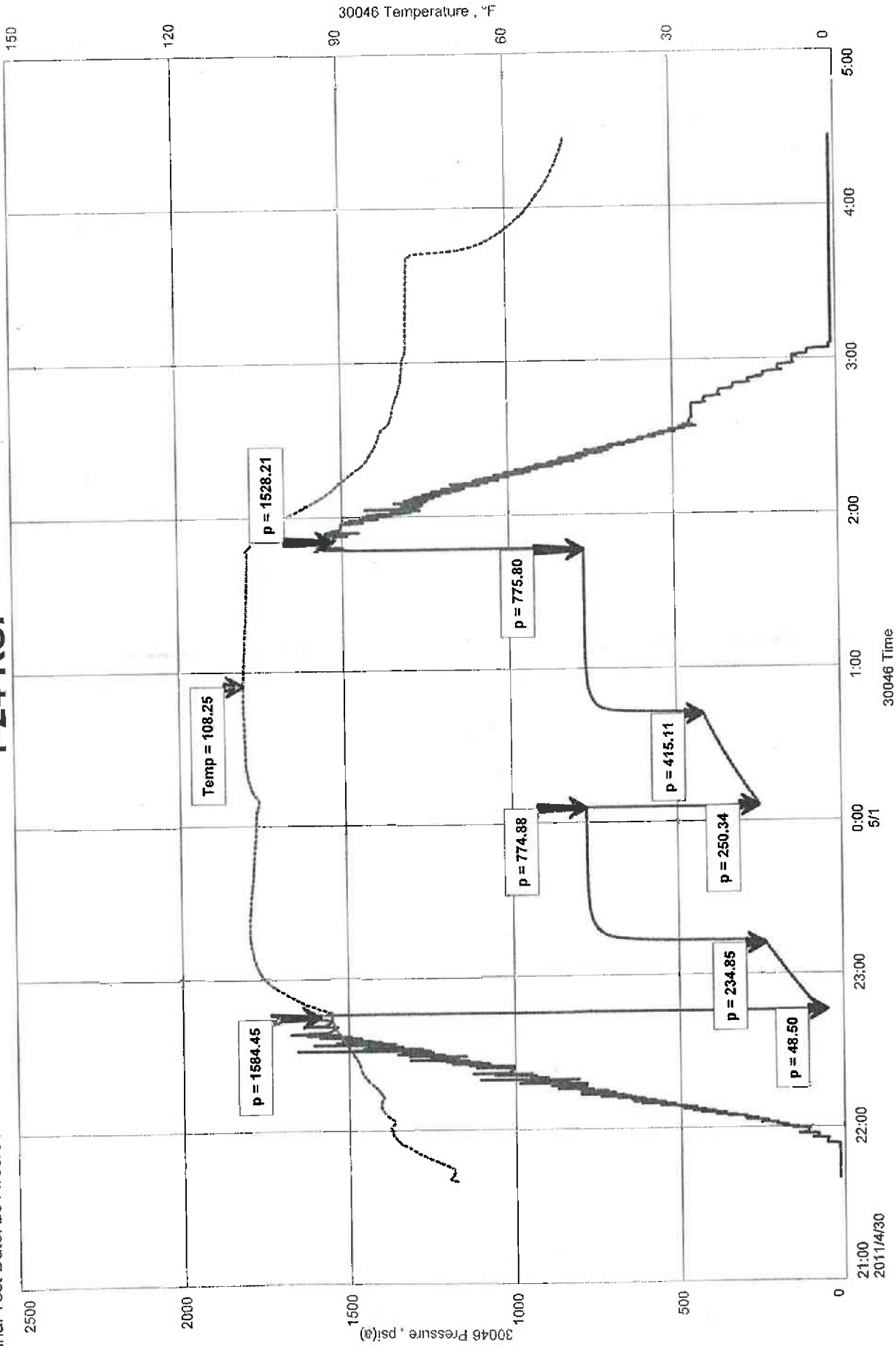
Remarks:

Qualified By: KIM SHOEMAKER

RECOVERY: 2' FREE OIL. 998' MUD CUT WATER

1-24 RSP

L D DRILLING INC
Start Test Date: 2011/04/30
Final Test Date: 2011/05/01



KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

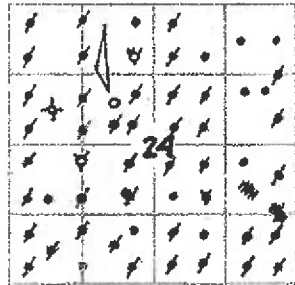
DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.
 LEASE * 1-24 RSP
 FIELD CHASE - SILICA
 LOCATION C SE NW
 SEC 24 TWPSP 20s RGE 11w
 COUNTY BARTON STATE KANSAS
 CONTRACTOR PETROMARK DRILLING RIG 2
 SPUD 4-26-11 COMP 5-2-11
 RTD 3350 LTD 3350
 MUD UP 2600 TYPE MUD CHEMICAL

ELEVATIONS
 KB 1749
 DF _____
 GL 1744
 Measurements Are All
 From 1749 KB
 CASING SURFACE 8 5/8" @ 473'
 PRODUCTION 5 1/2" @
 ELECTRICAL SURVEYS
 DUAL IND., DENS.-N.
 MICRO

SAMPLES SAVED FROM 2700 TO 3350
 DRILLING TIME KEPT FROM 2500 TO 3350
 SAMPLES EXAMINED FROM 2700 TO 3350
 GEOLOGICAL SUPERVISION FROM 2900 TO 3350
 GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE		447+1302
TOPEKA	2577-828	2576-827
HEEBNER	2842-1093	2842-1093
BROWN LIME	2965-1216	2965-1216
LANSING	2990-1241	2992-1243
B/KC	3228-1479	3227-1478
ARBUCKLE	3246-1497	3246-1497



REMARKS
 4-26-11 SPUD.
 4-27 @ 478'
 4-28 @ 1816'
 4-29 @ 2796'
 4-30 @ 3090'
 5-1 @ 3263'
 5-2 @ 3350'

API: 15-009-25548

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Silts
- Sandstone
- Limestone
- Old Clay
- Chert
- Dolomite

DRILLING TIME IN MINUTES
 PER FOOT
 Rate of Penetration (inches)



DEPTH
 2500

LITHOLOGY

SAMPLE DESCRIPTIONS

REMARKS

TOPEKA 2576-827

2600

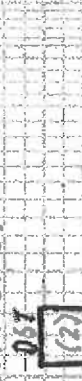
2700

2800

2900

(STRAODLE) WL: 72 CM: 1000

VIS: 70. WT: 8.6



TORONTO

DOUGLAS

Samples are tagged

Sh. 11.6

ls. Ta. Colerhe.

Sh. 12.6

ls. Ta. V. Earth. vs. Foss. Sil. Chky. A.W. 4.50. Foss.

ls. Ta. Foss. = dol.

ls. Ta. Foss. ls. Ta. V. Earth. vs. Foss. Sil. Chky.

ls. Ta. V. Earth. vs. Foss. Sil. Chky.

ls. Ta. Sil. Foss. w/ 4 Foss.

ls. Ta. V. Earth. vs. Foss. Sil. Chky.

HEEBNER 2812-1093
Sh. 11.6. Col.

Sh. 11.6. Col.

ls. w/ Sil. Foss. Foss. col. F.P. V. Earth. Sp. DE. B. H. 4.50. Foss. No. Foss.

ls. w/ Sil. Foss. Sil. Chky.

Sh. 11.6.

Sh. 11.6. Col.

Sh. 11.6. Col. G. Sil. Chky.

Sh. 11.6. Col. Sil. Chky.

Sh. 11.6. Col. Sil. Chky.

(STRAODLE)

DST (2) 2830-3000

1500cm: Blow balls to 2" 2" 2" 2"

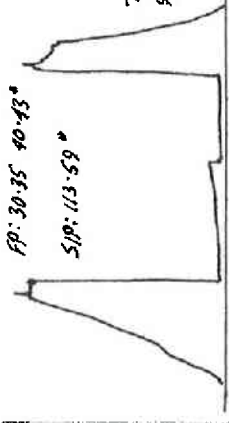
30.30.30-30

Rec. 50. 4500cm (21.01.981.1)

FP: 30.35 40-45°

SIP: 113-59°

Temp. 95°



Sh. Co. 4 Silby

BROWN LIME 2965-1216

LS. Br. DE. R. V. SI. Foss.
Sh. G. Blue G. Co. = Silby. Sdy

LANSING 2992-1213

LS. Tan. V. Foss. In Sil. Foss. P. Int. P.
By Sil. del. Sil. V. S. Foss. F. Odor.

LS. Tan. V. Sil. Foss. V. Sil. Chly.

Sh. L. G.

LS. Tan. L. G. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P. F. Odor.

LS. Tan. V. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P.

LS. Tan. V. Sil. Foss. P. V. G. P.

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LS. Tan. V. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P.

(2 Collins (D-11) Monnell Distr)

DST (1) 3008-3090

150 Pcs: Bottom bucket 1 1/2 min. 88: Bottom bucket
2-buckets: " " 3 " 88: "

30.45-45-60

Rec. 300 G.I.P.

630' M160 (207.4.40/G.40/0.1)

570' G.W (107.6 907.4)

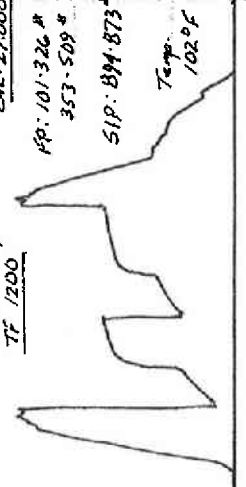
TF 1200' CMC: 27,000

FP: 101-320 #

353-509 #

SIP: BM-873*

Temp. 102.0 F



LS. Tan. V. Foss. In Sil. Foss. P. Int. P.
By Sil. del. Sil. V. S. Foss. F. Odor.

LS. Tan. V. Sil. Foss. V. Sil. Chly.

Sh. L. G.

LS. Tan. L. G. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P. F. Odor.

LS. Tan. V. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P.

LS. Tan. V. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P.

LS. Tan. V. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P.

LS. Tan. V. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P.

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Sh. L. G. Sil. Foss. P. V. G. P.

LS. Tan. V. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P.

3000

3100

3200

DST (1)

DST (3)

VIS: 63 WT: 80
ML: 80 CMC: 1000

VIS: 70 WT: 88

BIKC 3227-1178

Sh. G. Blue G.

LS. Tan. L. G. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P.

LS. Tan. V. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P.

LS. Tan. V. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P.

DST (3) 3220-3250

150 Pcs: Bottom bucket 5 min. 88: Name
2-buckets: " " 10 " 88: "

30.45-45-60

Rec. 2' CO

TF: 1000' 99B. SMW (57.1.1.95/L)

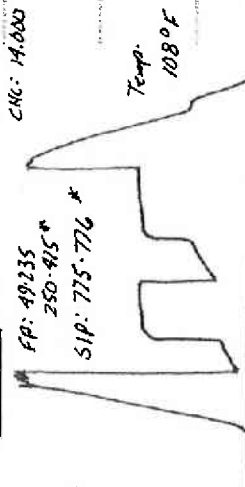
CMC: 14,000

FP: 49235

250-415 #

SIP: 775-776 *

Temp. 108.0 F



ARUCKLE 3216-1497

Sh. L. G. Sil. Foss. P. V. G. P.

LS. Tan. V. Sil. Foss. P. V. G. P.

Sh. L. G. Sil. Foss. P. V. G. P.

LS. Tan. V. Sil. Foss. P. V. G. P.

SAMPLES TO TD NOT LAYED

TO Sh. Red G. (Top 100') Do. M. to M. F. G. M. V. G. P.

