



KANSAS CORPORATION COMMISSION 1055418
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 # 6039
Name: L. D. Drilling, Inc.
Wellsite Geologist: KIM SHOEMAKER
Purchaser: NA

Designate Type of Completion:

- ☒ New Well ☐ Re-Entry ☐ Workover
- ☐ Oil ☐ WSW ☐ SWD ☐ SLOW
☐ Gas ☒ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM (Coal Bed Methane)
☐ Cathodic ☐ Other (Core, Expl., etc.):

If Workover/Re-entry: Old Well Info as follows:

Operator:

Well Name:

Original Comp. Date: Original Total Depth:

- ☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Conv. to GSW

☐ Plug Back: Plug Back Total Depth

☐ Commingled Permit #:

☐ Dual Completion Permit #:

☐ SWD Permit #:

☐ ENHR Permit #:

☐ GSW Permit #:

04/02/2011 04/06/2011 04/06/2011

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-009-25540-00-00

Spot Description:

NE NE SE Sec. 34 Twp. 16 S. R. 15 ☐ East ☒ West

2,310 Feet from ☐ North / ☒ South Line of Section

330 Feet from ☒ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:

☐ NE ☐ NW ☒ SE ☐ SW

County: Barton

Lease Name: RUNGE Well #: 1-34

Field Name: UNNAMED

Producing Formation: NA

Elevation: Ground: 1989 Kelly Bushing: 1988

Total Depth: 3562 Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 504 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: 7200 ppm Fluid volume: 260 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: L. D. DRILLING, INC.

Lease Name: L. D. License #: 6039

Quarter NW Sec. 22 Twp. 16 S. R. 13 ☐ East ☒ West

County: BARTON Permit #: D30660

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

- ☐ Letter of Confidentiality Received
Date:
☐ Confidential Release Date:
☐ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution
ALT ☒ I ☐ II ☐ III Approved by: Deanna Garrison Date: 05/10/2011



1055418

Operator Name: L. D. Drilling, Inc. Lease Name: RUNGE Well #: 1-34
 Sec. 34 Twp. 16 S. R. 15 ☐ East ☒ West County: Barton

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 ☒ Yes ☐ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☐ Yes ☒ No

Electric Log Submitted Electronically ☐ Yes ☐ No
 (If no, Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☒ Sample

Name	Top	Datum
ANHYDRITE	1029	+959
TOPEKA	2972	-984
HEEBNER	3198	-1210
LANSING	3261	-1273
BASE KANSAS CITY	3488	-1500

CASING RECORD ☒ New ☐ 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	504	60/40 POZMIX	355	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 (Amount and Kind of Material Used)	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 Bb/s.	Gas Mcf	Water Bb/s.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled (Submit ACO-5) (Submit ACO-4) ☐ Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201**

FIELD SERVICE TICKET

1718 03649 A

DATE _____ TICKET NO. _____

DATE OF JOB 4-2-11		DISTRICT KANSAS		NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐		CUSTOMER ORDER NO.:	
CUSTOMER L. D. Drilling INC				LEASE Runge		WELL NO. 1-34	
ADDRESS				COUNTY Barton 34-16-15		STATE KANSAS	
CITY		STATE		SERVICE CREW A. Worth, L. Wiser, Edmund			
AUTHORIZED BY				JOB TYPE: 8 5/8" SURFACE		Crew	
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 4-2-11 AM PM TIME 5:30
28443 P.4	1.45					ARRIVED AT JOB	4-2-11 AM PM 7:30
27463 P.1	1.45					START OPERATION	4-2-11 AM PM 11:00
19832-19862	1.45					FINISH OPERATION	4-2-11 AM PM 11:45
						RELEASED	4-2-11 AM PM 12:30
						MILES FROM STATION TO WELL 80-MILES	

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
CF103	60/40 Poz	SK	355		\$ 4260.00
CC102	cell flake	lb	89		\$ 329.30
CC105	calcium chloride	lb	918		\$ 963.90
CF153	wooden cement Plug 8 3/8"	EA	1		\$ 160.00
E100	unit mileage charge	mi	80		\$ 340.00
E101	Heavy Equip. mileage charge	mi	160		\$ 1120.00
E113	Bulldozer Delivery Charge	TM	1224		\$ 1958.40
CF201	Depth Charge 500-1000	Yds	1		\$ 1200.00
CF340	Bleeding & mixing Service chg	SK	355		\$ 497.00
CF504	Plug Container Utilization chg	Job	1		\$ 250.00
5003	Service Supervisor first 8 hrs	EA	1		\$ 120.00

SUB TOTAL

CHEMICAL / ACID DATA:			

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

TOTAL

U.S. 8,665 27

SERVICE REPRESENTATIVE *Alfred Swank* THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *J. J. Smith*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <u>L.O. Drilling Inc.</u>		Lease No.		Date <u>4-2-11</u>	
Lease <u>Runge</u>		Well # <u>1-34</u>			
Field Order # <u>00649A</u>	Station <u>Pratt KS</u>	Casing <u>8 5/8"</u>	Depth <u>504</u>	County <u>Barton</u>	State <u>KS</u>
Type Job <u>8 5/8" Surface</u>		Formation <u>CNW</u>	TO <u>509</u>	Legal Description <u>37-16-15</u>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <u>8 5/8"</u>	Tubing Size	Shots/Ft	<u>355</u>	Acid <u>SKS 60/40 Pz</u>	RATE <u>24#</u>	PRESS <u>500</u>	ISIP <u>3000</u>	
Depth <u>504</u>	Depth	From	To	Pre Pad	Max <u>1/4#</u>	<u>CF. @ 14.8#</u>	5 Min.	
Volume <u>3034</u>	Volume	From	To	Pad	Min		10 Min.	
Max Press <u>500</u>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <u>484'</u>	Packer Depth	From	To	Flush <u>11.5# H2O</u>	Gas Volume		Total Load	

Customer Representative <u>Edmund</u>		Station Manager <u>Scotty</u>		Treater <u>Allen</u>	
Service Units	<u>28443</u>	<u>27463</u>	<u>19832</u>	<u>19862</u>	
Driver Names	<u>Worth</u>	<u>Wiser</u>	<u>Edmund</u>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00 AM					ON LOC. Discuss Safety, Set up Plan Job
8:15					Start out of Hole w/ Bit For short Trip. Pulled Tight.
8:40					Run Bit BACK in Hole & CIR
9:45					Start out of Hole w/ Bit
1:00					out of Hole w/ Bit. Rig up To Run 8 5/8" Csg. 24#
1:09					Start casing.
1:10					CASING @ 504' Hookup & CIR.
1:15	200#			6	Start mix 355SKS 60/40 @ 14.8#
			76		Finish mix Release wooden plug.
1:33				4	8 5/8" Start DISP.
	400#		30 1/2		Plug down - Shut in @ well
12:30					Washup up Equip & Breakup.
					Job complete.
					Thanks
					Allen
					Lucas
					Edmund
					cmr To Pitt.



**10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201**

FIELD SERVICE TICKET

1718 03662 A

DATE _____ TICKET NO. _____

DATE OF JOB 4-7-2011		DISTRICT PRATT, KS.		NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐		CUSTOMER ORDER NO.:	
CUSTOMER LD DRILLING, INC.				LEASE RUNGE		WELL NO. 1-3	
ADDRESS				COUNTY BARTON		STATE KS.	
CITY		STATE		SERVICE CREW LESLEY, MITCHELL, HUNTER			
AUTHORIZED BY				JOB TYPE: CNWL - P.T.A.			
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 4-7-11 AM 1:00
19870	1					ARRIVED AT JOB	AM 3:00
19887-19842	1					START OPERATION	AM 4:45
19832-21010						FINISH OPERATION	AM 7:30
						RELEASED	AM 8:00
						MILES FROM STATION TO WELL 80	

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

[illegible]

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE 1. Fresh Start THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Jim Mickle
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer LD DRILLING, INC.	Lease No.	Date
Lease RUNGE	Well # 1-34	3-7-2011
Field Order # 30605	Station PRATT, KS.	Casing
Type Job CNLD - P.T.A.	Formation	Depth
	County BARTON	State Ks.
	Legal Description 34-16-15	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft	CMT-	Acid- 200SK 60/40 P22 4/100	RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad @ 1.43 CUFT	Max 1/4"	CELL FLAKE	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 LD	Station Manager D. SCOTT	Treater K. LESLEY
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Service Units	19870	19889	19842	19831	21010						
Driver Names	LESLEY	MITCHELL	HUNTER								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:30 AM					ON LOCATION - SAFETY MEETING
4:45 AM					1ST PLUG: 3542' W/ 25SKS
4:47 AM	200		15	6	H₂O AHEAD
4:48 AM	150		6.36	6	MIX 25SK CMT @ 13.78#/GAL
4:49 AM	100		3.8	6	H₂O BEHIND
4:56 AM	0		44.5	6	MUD DISPLACEMENT
					2ND PLUG: 1029' W/ 25SKS
6:24 AM	100		15	6	H₂O AHEAD
6:28 AM	0		6.36	6	MIX 25SKS CMT @ 13.78#/GAL
6:30 AM	0		3.8	6	H₂O BEHIND
6:45 AM					3RD PLUG: 505' W/ 110SKS
6:48 AM	50		5	5	H₂O AHEAD
6:56 AM	10		28	5	MIX 110SK CMT @ 13.78#/GAL
7:00 AM	0		1.25	5	H₂O BEHIND
7:15 AM					4TH PLUG: 40' W/ 10SKS
7:30 AM			2.5	3.5	MIX 10SK CMT @ 13.78#/GAL
					CMT TO SURFACE
7:40 AM			6		PLUG RH W/ 30SK CMT
					JOB COMPLETE,
					T HANKS -
					KEEVEN LESLEY

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

Taylor Printing, Inc. 620-672-3856

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-684-9709 * WICHITA, KS

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.

LEASE # 1-34 RUNGE

FIELD WILDCAT

LOCATION 2310 FSL & 330 FEL

SEC 34 TWP 16s RGE 15W

COUNTY BARTON STATE KANSAS

CONTRACTOR PETROMARK DRILLING RIG 2

SPUD 4-1-11 COMP 4-7-11

RTD 3562 LTD

MUD UP 2700 TYPE MUD CHEMICAL

ELEVATIONS

KE 1988

DF

CL 1983

Measurements Are All
From 1988 KB

CASING
SURFACE 8 3/4" @ 419'

PRODUCTION

ELECTRICAL SURVEYS
None

SAMPLES SAVED FROM 2700 TO 3562

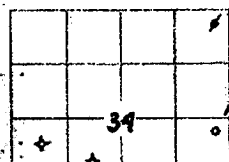
DRILLING TIME KEPT FROM 2500 TO 3562

SAMPLES EXAMINED FROM 2700 TO 3562

GEOLOGICAL SUPERVISION FROM 3000 TO 3562

GEOLOGIST ON WELL KIM B. SHOEMAKER

FORMATION TOPS	LOG	SAMPLES
ANHYDRITE		1029 - 959
TOPEKA		2972 - 984
HEEBNER		3198 - 1210
LANSING		3261 - 1273
B/KC		3488 - 1500
RTD		3562 - 1574



AD: 15-009-25540

1200
1345
1345
2340
3209
3418
3562

LEGEND



Dolomite



Chert



Dolomite



Limestone



Carb sh



Shale



Sandstone



Salt



Anhydrite

DRILLING TIME IN MINUTES
PER FOOT

Note of Penetration Increases

DEPTH
500

SAMPLE DESCRIPTIONS

REMARKS

1000

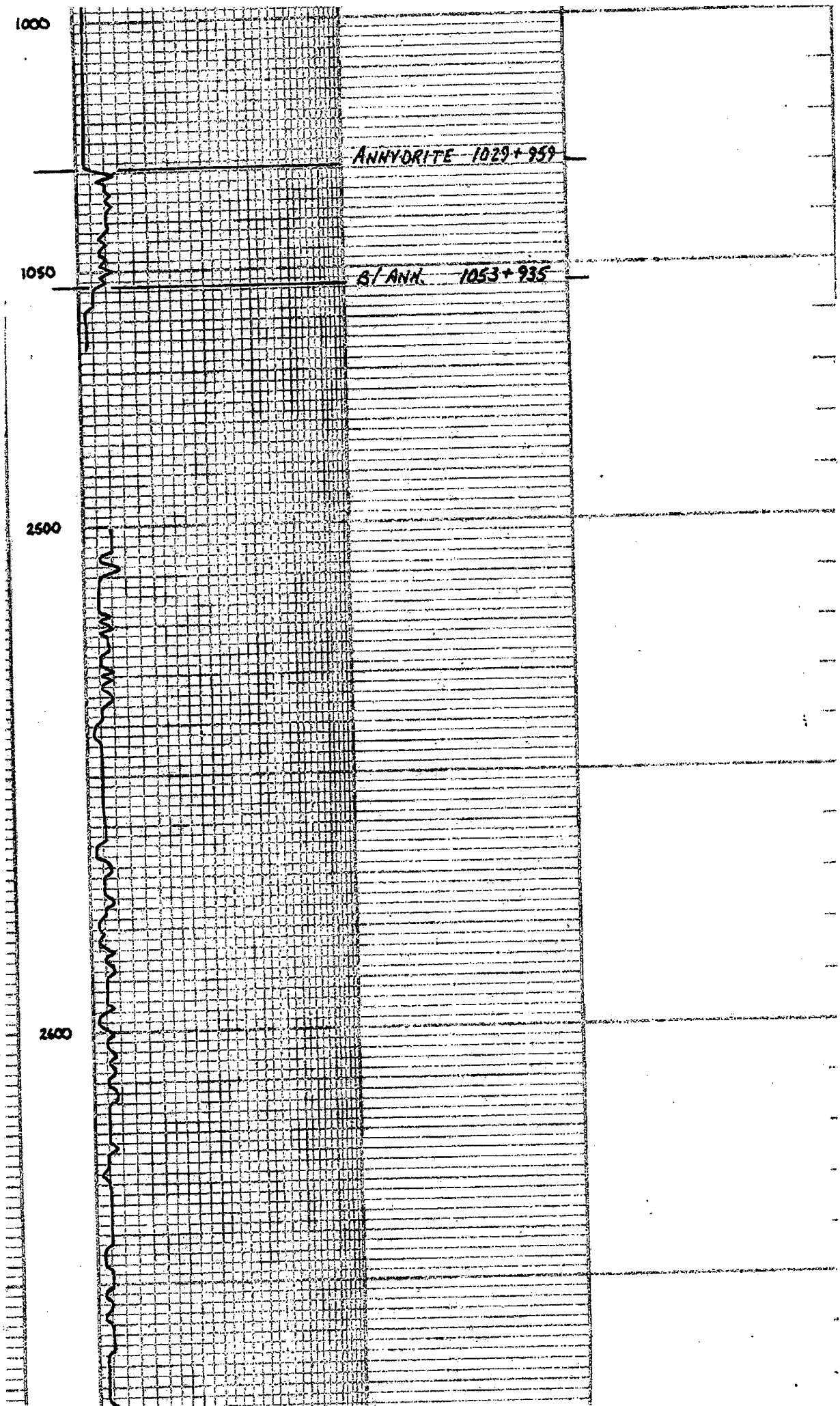
ANNYORITE 1029+959

1050

G/ANN 1053+935

2500

2600



15. 87 XT 88
WP 8.0 CR 1500

Sh. Gy. d. d. Gy. - 13. oct. 51: Δ

Sh. L.S. by Silty G. - Sdy L.S. F.V.S. Foss Slids

Sub-Gym Sdy Gy. Pyrotec. 61-74-51-52-53-54

Sh. 6.5 G. Silty. Sdy. 15. T.S. 13.5 S. 15.5

Sh. L. Hays Sch. 15, Town St. Foss St. A

5h. 43y. 6c. 65. 41y. 45c. 655. 51; 4

Sh. ~~6~~ 6 by 1 1/2 in. G. St. A. C. 1100.

Should be - G. & F. B. vs. F. B. S.

Sh. Lely, Ls. by, Dns., Ls. wt., Sl. Fr., Sl. Δ

HOWARD 2900-912

Sh. 414-6-Sil. ty. - E. B. - Sil. G. - V. Sil. - Foss.

Sh. 44 - f.c.w. loose fossils - (Brachiopods)
45 - 34 - Sh. 4

Sh. Lt. Blue: G. — Lt. G. — V. Lt. F. 15.

TOPEKA 2972-984

Sh. Cy. Gr. Silty. L. T. and Sh. Chky. L. L. / Silty Foss.

Sch. Ltg. - Lick Lg. vs Li. Foss.

Samples are lagged 20

A. T. G. On.

W. Frost St. Chy

Sgt. P. K. S. 1574 N. 9th St. E. S. S.

34. L.G. 886

41. B.G. VSLI-FSS.

Sh. 64.4.

1. OK, 9: Foss.

ES-74-Sli-Fossil

45. *B. y. Fxh vbl chls*

35-2164

43.44. Sl: Foss

4. Transmitter: 20,000 (Longwave) x 2 (Short wave) x 1 (Very short wave)
 48. W. E. S. Foss. V.S.L.A.

13. Wt. Sl. For. Sl. col. Dr. P. V. p. 1
Spld. Dr. B. dd. Str. T. N. y. F. O. No. F. l.
No. 100

LT. W. C. G. - Dns. - 451 - Chilly

45. 74. 00

HEEBNER 3798-1210

4 Blk Cook

3-11-68

4 wt 51: A 51: Foss. P. 1/2
P. 51: 51: T. P. A. No. 51: No. 51: No. 51:

U.S. w/ 456; 456 514

WL: 8.0 CHL: 3600 Sh. Blue-G. Silty Silty

TORONTO

DOUGLAS VIS: CA WT: 9.1

3300

3400

3500

Sh. gy. silty

LANSING 3261-1273

LS. wt. VSh. Foss. Sil. A

LS. Fy. Sil. Foss. Sil. A. P. V. Sh. 3500. T. Ch. No. Flow. F. 0.00

Sh. Blue. G.

LS. Fy. Sil. Foss. Sil. A. P. V. Sh. 3500. T. Ch. No. Flow. F. 0.00

LS. wt. VSh. Foss. Sil. A. P. V. Sh. 3500. T. Ch. No. Flow. F. 0.00

LS. wt. VSh. Foss. Sil. A

LS. gy. VSh. Foss. Sil. A

LS. Fy. Sil. Foss. Sil. A

LS. Fy. Sil. A

LS. wt. Sil. Foss. Sil. A. P. V. Sh. 3500. T. Ch. No. Flow. F. 0.00

LS. wt. Sil. A

LS. Fy. Sil. A. P. V. Sh. 3500. T. Ch. No. Flow. F. 0.00

LS. wt. Sil. A

LS. Fy. Sil. A

Sh. Gy.

LS. wt. VSh. Foss. Sil. A

LS. Fy. Sil. Foss. Sil. A

LS. gy. Sil. A

Sh. gy. Sil. Foss. Sil. A

LS. Fy. Sil. A

LS. Fy. Sil. Foss. Sil. A

Sh. Gy.

LS. Fy. Sil. Foss. Sil. A. P. V. Sh. 3500. T. Ch. No. Flow. F. 0.00

LS. Fy. Sil. A

Sh. Gy.

LS. Fy. Sil. Foss. Sil. A. P. V. Sh. 3500. T. Ch. No. Flow. F. 0.00

LS. Fy. Sil. A

BIKC 3988-1500

Sh. Gy.

Sh. Gy. Sil. A

Sh. R. Sil. A. P. V. Sh. 3500. T. Ch. No. Flow. F. 0.00

DST (1) 3269-3300

1st Run: Bottom Bucket 25 min.

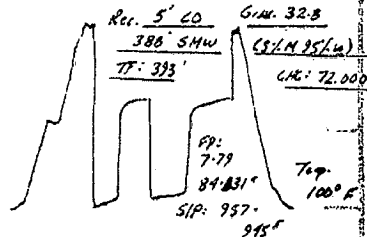
BB: None

2nd Run: "

24 1/2"

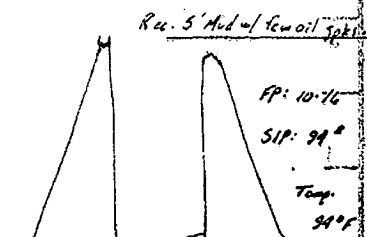
BB: 1/4"

30-45-45-60

**DST (2) 3928-3500**

1st Run: Blow died 18 min.

30-30



RD 3562-1574

35. Rd. Ben Rd. Silly. Silly. Loose Pyrite.

36. Pyrite.

37. Orange. Silly. Silly.

38. Rd.

39. Black. Rd. 3. Rd. Rd. V. Silly. Pyrite.

40. Rd. Rd. Pyrite. 3. Rd. Rd.

41. Not Resolved.

DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M134
Well Name	RUNGE #1-34	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3269-3300 LANS. A/B	Well Operator	L.D. DRLG
Surface Location	SEC.34-16S-15W BARTON CO. KS.	Report Date	2011/04/05
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 3269-3300 LANS. A/B		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/04/05	Start Test Time	15:20:00
Final Test Date	2011/04/05	Final Test Time	23:07:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:

169' G.I.P.
5' CO 100% OIL
388' MW 95% WTR, 5% MUD
393' TOTAL FLUID

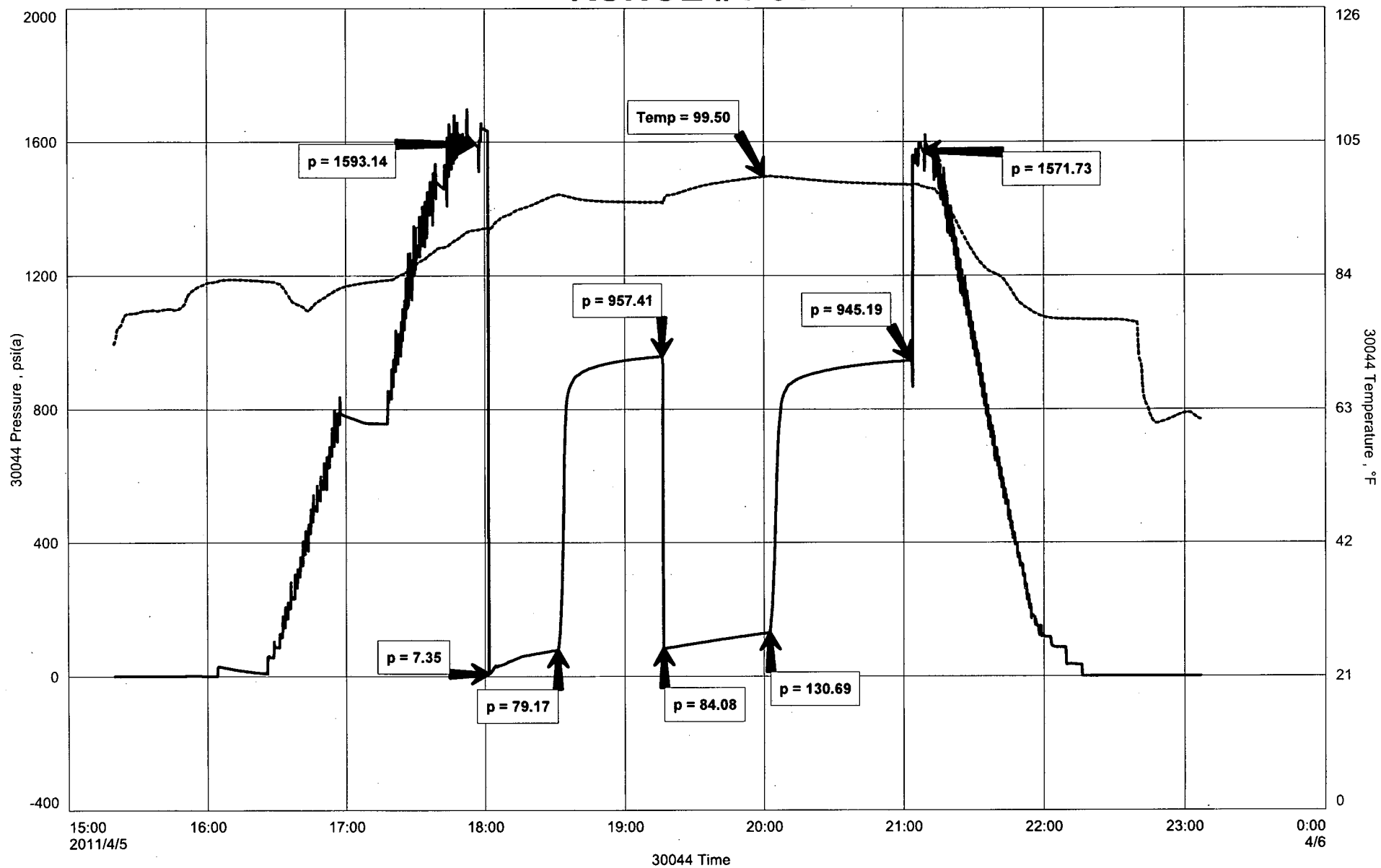
GRAVITY: 32.8@ 60 DEG
PH: 7.0
CHLOR: 72,000 PPM
RW: .125@66 DEG

TOOL SAMPLE: GAS & OIL

L.D. DRLG
DST#1 3269-3300 LANS. A/B
Start Test Date: 2011/04/05
Final Test Date: 2011/04/05

RUNGE #1-34
Formation: DST#1 3269-3300 LANS. A/B
Pool: WILDCAT
Job Number: M134

RUNGE #1-34





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: RUNGE1-34DST1

TIME ON: 1520

TIME OFF: 2307

Company L.D. DRLG Lease & Well No. RUNGE #1-34
Contractor PETROMARK RIG 2 Charge to L.D. DRLG
Elevation 1988 KB Formation LANS A/B Effective Pay _____ Ft. Ticket No. M134
Date 04/05/2011 Sec. 34 Twp. 16 S Range 15 W County BARTON State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3269 ft. to 3300 ft. Total Depth 3300 ft.

Packer Depth 3264 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 3269 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3256 ft. Recorder Number 30044 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3297 ft. Recorder Number 13386 Cap. 3,875 P.S.I.

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 59 Drill Collar Length 121 ft. I.D. 2 1/4 in.

Weight 9.1 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 3,600 P.P.M. Drill Pipe Length 3121 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number SFTY JT. Test Tool Length 27 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 31 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: GSB, BOB 25 MIN (NO BB)

2nd Open: GSB, BOB 24 1/2 MIN. (WEAK 1/4" BB)

Recovered 169 ft. of G.I.P.

Recovered 5 ft. of CO 100% OIL GRAVITY: 32.8@ 60 DEG

Recovered 388 ft. of MW 95% WTR, 5% MUD

Recovered 393 ft. of TOTAL FLUID

Recovered _____ ft. of _____ CHLOR: 72,000 PPM Price Job _____

Recovered _____ ft. of _____ RW: .125 @ 66 ° Other Charges _____

Remarks: _____ PH: 7.0 Insurance _____

TOOL SAMPLE: GAS AND OIL Total _____

Time Set Packer(s) 6:00 P.M. A.M. P.M. Time Started Off Bottom 9:00 P.M. A.M. P.M. Maximum Temperature 100

Initial Hydrostatic Pressure..... (A) 1593 P.S.I.

Initial Flow Period..... Minutes 30 (B) 7 P.S.I. to (C) 79 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 957 P.S.I.

Final Flow Period..... Minutes 45 (E) 84 P.S.I. to (F) 131 P.S.I.

Final Closed In Period..... Minutes 60 (G) 945 P.S.I.

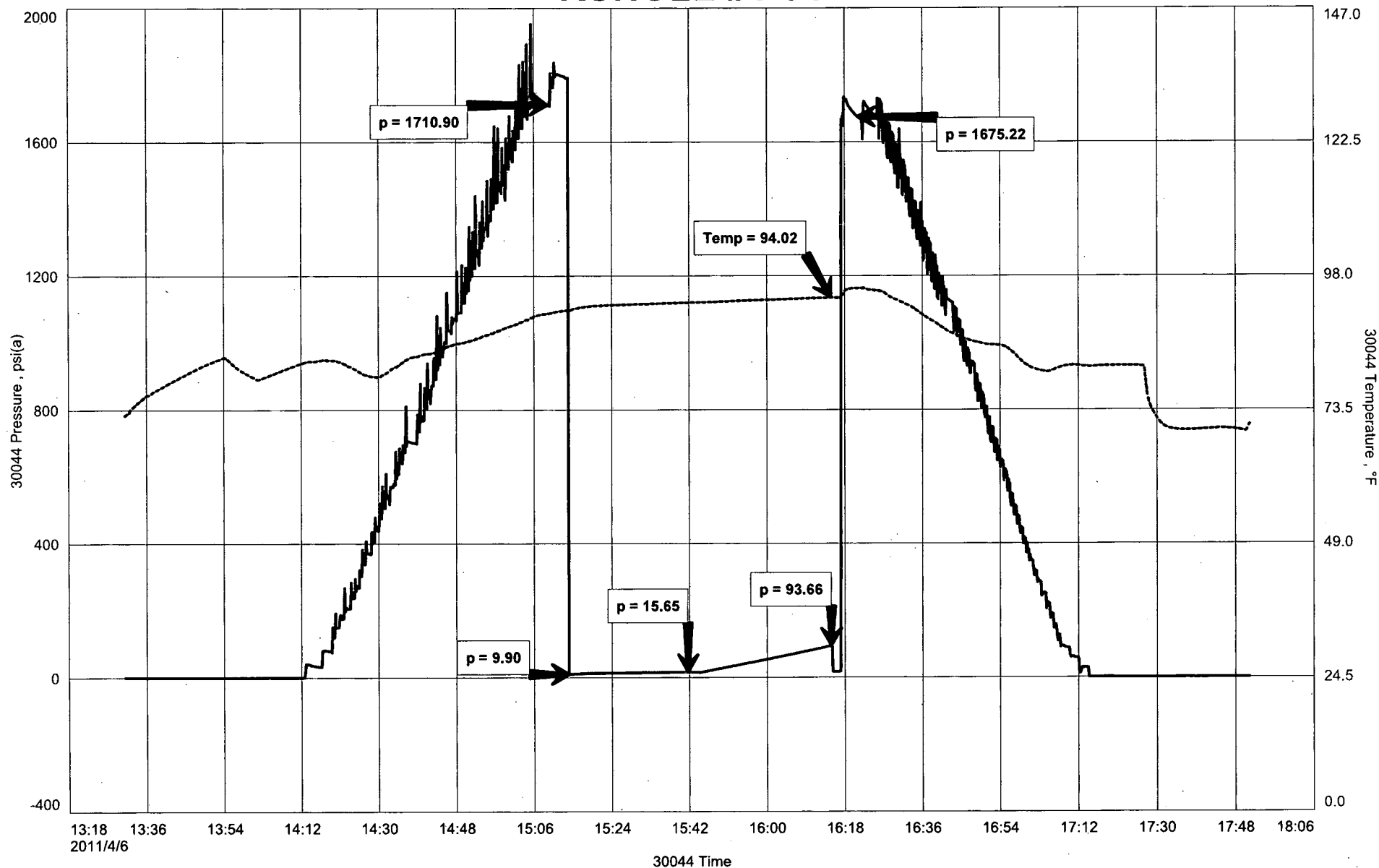
Final Hydrostatic Pressure..... (H) 1572 P.S.I.

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. DRLG
DST#2 3269-3500 L/KC J-L
Start Test Date: 2011/04/06
Final Test Date: 2011/04/06

RUNGE #1-34
Formation: DST#2 3269-3500 L/KC J-L
Pool: WILDCAT
Job Number: M135

RUNGE #1-34



DIAMOND TESTING

Pressure Survey Report

General Information

Company Name	L.D. DRLG	Job Number	M135
Well Name	RUNGE #1-34	Representative	MIKE COCHRAN
Unique Well ID	DST#2 3269-3500 L/KC J-L	Well Operator	L.D. DRLG
Surface Location	SEC.34-16S-15W BARTON CO. KS.	Report Date	2011/04/06
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	KIM SHOEMAKER
	Test Unit		NO. 1

Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3269-3500 L/KC J-L		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2011/04/06	Start Test Time	13:31:00
Final Test Date	2011/04/06	Final Test Time	17:52:00
		Well Fluid Type	01 Oil
Gauge Name	30044		
Gauge Serial Number			

Test Results

Remarks

RECOVERED:
5' DM W/ LIGHT OIL SPOTS
5' TOTAL FLUID

TOOL SAMPLE: DM W/ SPOTS OF LIGHT OIL



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: RUNGE1-34DST2

TIME ON: 1331
TIME OFF: 1752

Company L.D. DRLG Lease & Well No. RUNGE #1-34
Contractor PETROMARK RIG 2 Charge to L.D. DRLG
Elevation 1988 KB Formation L/KC J-L Effective Pay Ft. Ticket No. M135
Date 04/06/2011 Sec. 34 Twp. 16 S Range 15 W County BARTON State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3428 ft. to 3500 ft. Total Depth 3500 ft.

Packer Depth 3423 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Packer Depth 3428 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3415 ft. Recorder Number 30044 Cap. 5,000 P.S.I.

Bottom Recorder Depth (Outside) 3497 ft. Recorder Number 13386 Cap. 3,875 P.S.I.

Below Straddle Recorder Depth ft. Recorder Number Cap. P.S.I.

Mud Type CHEMICAL Viscosity 66 Drill Collar Length 121 ft. I.D. 2 1/4 in.

Weight 9.4 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 7,200 P.P.M. Drill Pipe Length 3280 ft. I.D. 3 1/2 in.

Jars: Make STERLING Serial Number SFTY JT. Test Tool Length 27 ft. Tool Size 3 1/2-IF in.

Did Well Flow? NO Reversed Out NO Anchor Length 72 ft. Size 4 1/2-FH in.

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. (32' d.p.) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: VWSB AFTER 10 SEC, INC. TO 1/4" IN 2 MIN THEN DIMINISHED AND DIED AFTER 18 MIN (NO BB)

2nd Open: A FEW BUBBLES ON TOOL OPEN

Recovered 5 ft. of DM W/ LIGHT OIL SPOTS

Recovered 5 ft. of TOTAL FLUID

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Price Job

Other Charges

Insurance

Total

TOOL SAMPLE: DM W/ SPOTS OF LIGHT OIL

Time Set Packer(s) 3:15 P.M. A.M. Time Started Off Bottom 4:15 P.M. A.M. Maximum Temperature

Initial Hydrostatic Pressure (A) 1711 P.S.I.

Initial Flow Period 30 Minutes (B) 10 P.S.I. to (C) 16 P.S.I.

Initial Closed In Period 30 Minutes (D) 94 P.S.I.

Final Flow Period 0 Minutes (E) UNKNOWN P.S.I. to (F) UNKNOWN P.S.I.

Final Closed In Period 0 Minutes (G) UNKNOWN P.S.I.

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

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