



KANSAS CORPORATION COMMISSION 1050410
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: KEITH REAVIS
Purchaser: M V PURCHASING

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 #: _____
10/12/2010 10/18/2010 10/26/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-185-23644-00-00
Spot Description: _____
N2 SE NE SW Sec. 11 Twp. 21 S. R. 12 East West
1,660 Feet from North / South Line of Section
2,970 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Stafford
Lease Name: KAREN Well #: 1-11
Field Name: SAUNDRA
Producing Formation: ARBUCKLE
Elevation: Ground: 1840 Kelly Bushing: 1841
Total Depth: 3640 Plug Back Total Depth: 3620
Amount of Surface Pipe Set and Cemented at: 329 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: 8000 ppm Fluid volume: 160 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: L. D. DRILLING, INC.
Lease Name: MERMIS License #: 6039
Quarter SE Sec. 24 Twp. 20 S. R. 15 East West
County: STAFFORD Permit #: D21526

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: 02/07/2011



1050410

Operator Name: L. D. Drilling, Inc. Lease Name: KAREN Well #: 1-11
 Sec. 11 Twp. 21 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 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: Attached	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Attached Attached 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	8.765	23	329	A-CON	175	
SURFACE CON'T	12.25	8.765	23	329	COMMON	200	
PRODUCTION	7.875	5.5	14	3639	60/40 POZMIX	180	18%Salt, .5%CFR,5#Gilsonite

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	3540 - 3544	500 gal 28% NE Acid	
4	3256 - 3260	1000 gal 20% NE Acid	
	Bridge Plug @ 3350 - 7 = 3343		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>3346</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>10/28/2010</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 Bbbs.	Gas Mcf
	Water Bbbs.	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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	KAREN 1-11
Doc ID	1050410

All Electric Logs Run

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

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	KAREN 1-11
Doc ID	1050410

Tops

King Hill	2886	-1045
Heebner	3070	-1229
Toronto	3091	-1250
Douglas	3105	-1264
Lansing	3220	-1379
Lansing G	3294	-1453
Base Kansas City	3437	-1596
Simpson	3464	-1623
Arbuckle	3505	-1664
LTD	3641	-1800

GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KEITH REAVIS

Phone: Fax: e-mail:

Well Information:

Name: KAREN 1-11

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S11/21S/12W STAFFORD CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEITH REAVIS

Test Type: CONVENTIONAL Job Number: D834

Test Unit:

Start Date: 2010/10/16 Start Time: 00:10:00

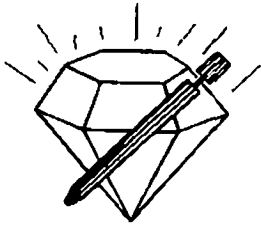
End Date: 2010/10/16 End Time: 07:00:00

Report Date: 2010/10/16 Prepared By: JOHN RIEDL

Qualified By: KEITH REAVIS

Remarks:

GAS TO SURFACE 2ND FLOW
RECOVERY: 950' GASSY OIL



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 00:10:00 10/16/10

OFF 07:00 :00 10/16/10

DRILL-STEM TEST TICKET

STC/Karen1-11dst1

Company L D DRILLING INC Lease & Well No. KAREN #1-11
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation LANSING A-D Effective Pay _____ Ft. Ticker No. D834
 Date 10/16/10 Sec. 11 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By KEITH REAVIS Diamond Representative JOHN C. RIEDL

Formation Test No. 1 Interval Tested from 3213 ft. to 3270 ft. Total Depth 3270 ft.
 Packer Depth 3208 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3213 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3216 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ 3267 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 68 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 8.8 Water Loss 8.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 2,200 P.P.M. Drill Pipe Length 3071 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 22 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 57 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) STRONG BB
 2nd Open: STRONG (B.O.B IMMEDIATE, GTS 1 MINUTE) STRONG BB

Recovered 950 ft. of GO (20%GAS 80%OIL) GRAVITY 27@ 60 DEGREES

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: TOTAL FLUID RECOVERY: 950 (830' IN DRILL PIPE, 120' IN DRILL COLLARS)

GAS GUAGED 5 MCF/D DOWN TO 2 MCF/D, GAS BURNED

Price Job _____
Other Charges _____
Insurance _____
Total _____

Time Set Packer(s) 1:45 A.M A.M. P.M. Time Started Off Bottom 4:30 A.M A.M. P.M. Maximum Temperature 109

Initial Hydrostatic Pressure (A) 1568 P.S.I.

Initial Flow Period Minutes 30 (B) 76 P.S.I. to (C) 218 P.S.I.

Initial Closed In Period Minutes 45 (D) 967 P.S.I.

Final Flow Period Minutes 30 (E) 243 P.S.I. to (F) 330 P.S.I.

Final Closed In Period Minutes 60 (G) 948 P.S.I.

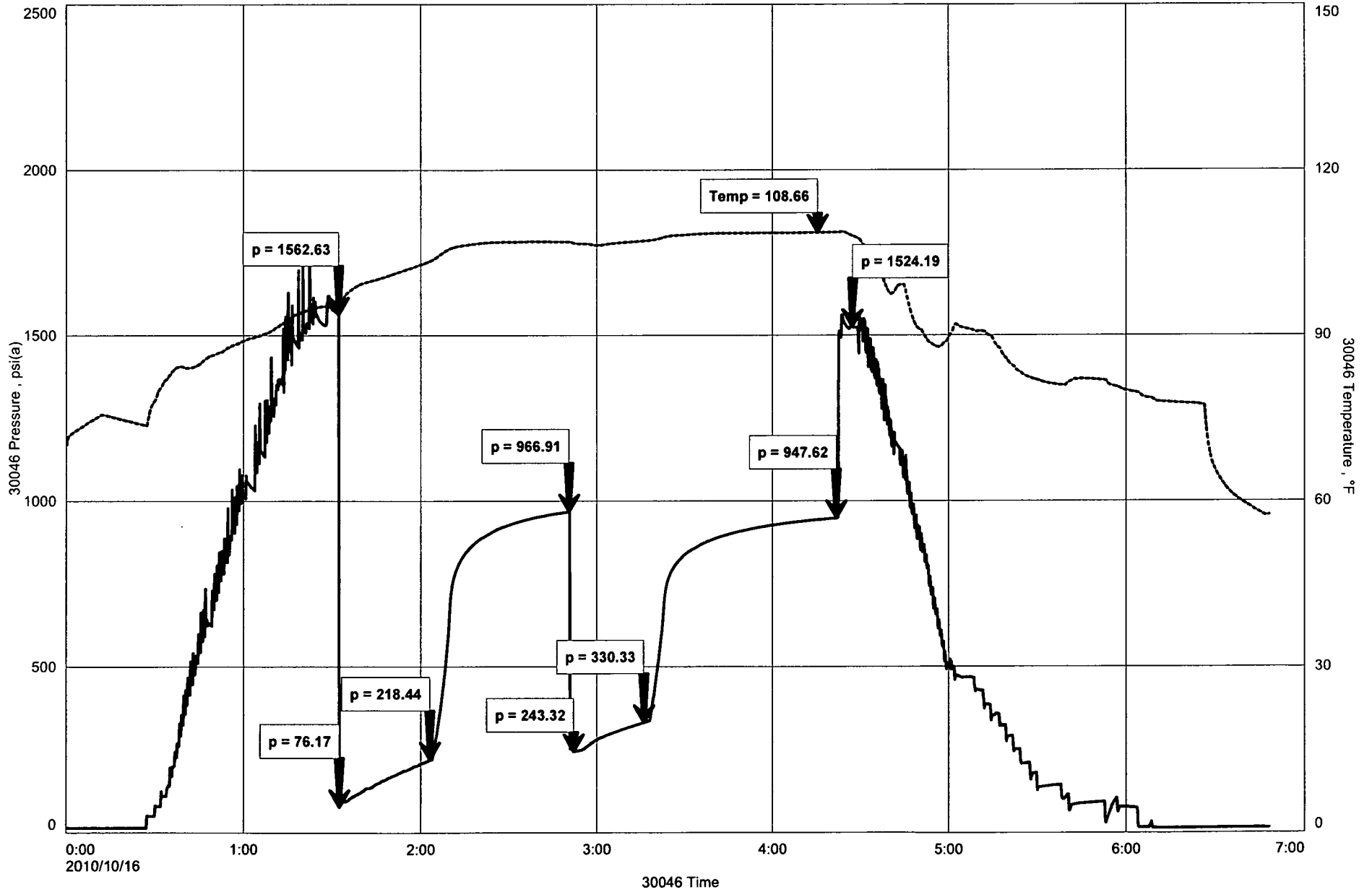
Final Hydrostatic Pressure (H) 1524 P.S.I.

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: 2010/10/16
Final Test Date: 2010/10/16

KAREN 1-11
Formation: LANS A-D
Job Number: D834

KAREN 1-11



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KEITH REAVIS

Phone: Fax: e-mail:

Well Information:

Name: KAREN 1-11

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S11/21/12W STAFFORD

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEITH REAVIS

Test Type: CONVENTIONAL Job Number: D835

Test Unit:

Start Date: 2010/10/16 Start Time: 14:15:00

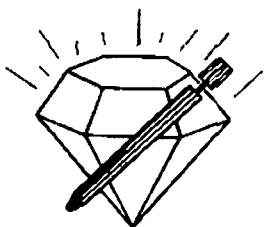
End Date: 2010/10/16 End Time: 17:40:00

Report Date: 2010/10/16 Prepared By: JOHN RIEDL

Qualified By: KEITH REAVIS

Remarks:

REAVOVERY: 15' DRILLING MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 14:15:00 10/16/10

OFF 17:40:00 10/16/10

DRILL-STEM TEST TICKET

STC/Karen1-11dst2

Company L D DRILLING INC Lease & Well No. KAREN #1-11
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation LANSING E-G Effective Pay _____ Ft. Ticket No. D835
 Date 10/16/10 Sec. 11 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By KEITH REAVIS Diamond Representative JOHN C. RIEDL

Formation Test No. 2 Interval Tested from 3270 ft. to 3304 ft. Total Depth 3304 ft.
 Packer Depth 3265 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3270 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3273 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 3301 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 60 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 8.6 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 6,000 P.P.M. Drill Pipe Length 3128 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 22 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 34 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: WEAK DEAD IN 12 MINUTE) ON BB
 2nd Open: NOT UTILIZED

Recovered 15 ft. of DRILLING MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 15' IN DRILL COLLARS)</u>	Insurance
_____	Total

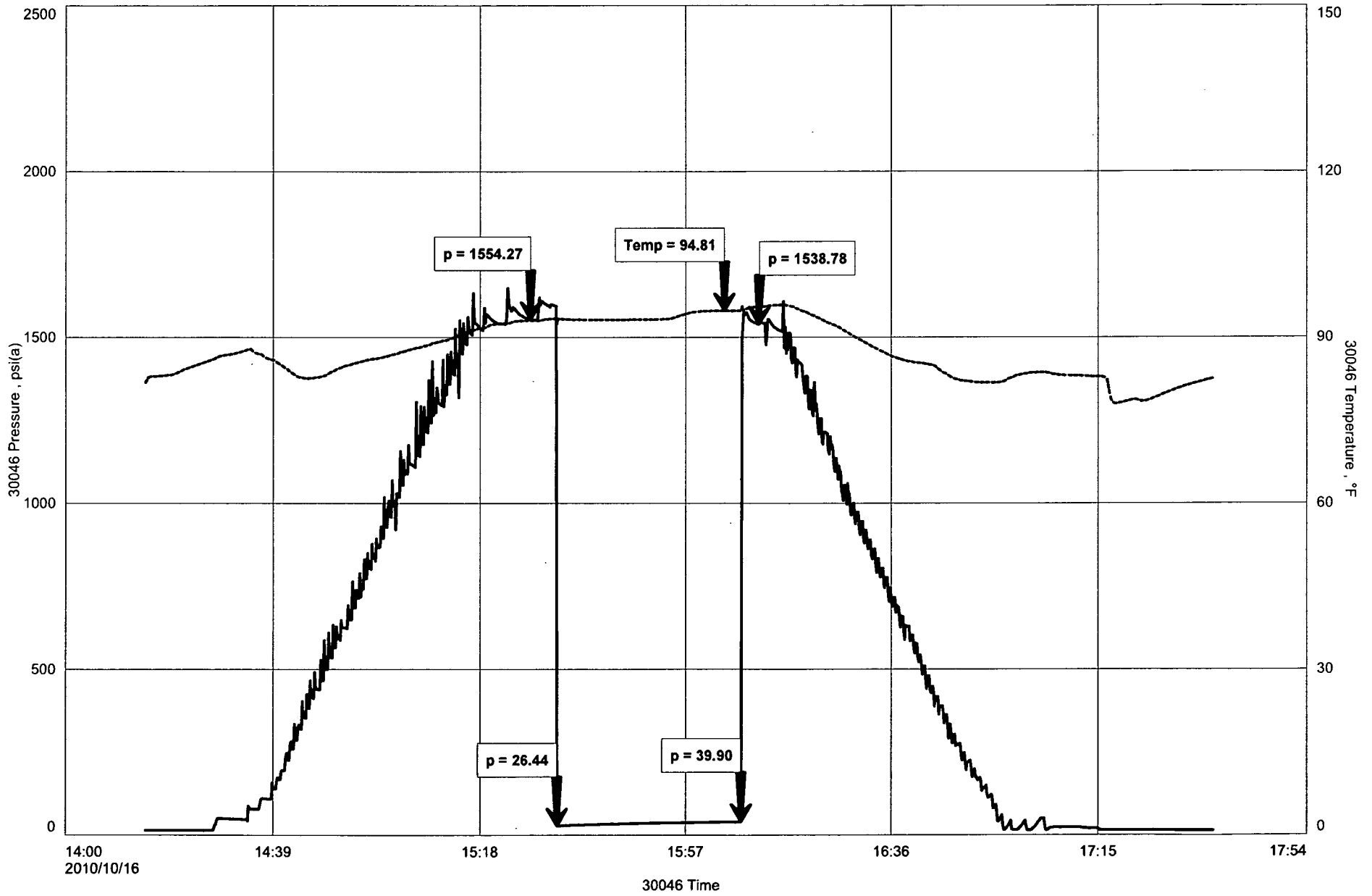
Time Set Packer(s) 3:45 P.M A.M. P.M. Time Started Off Bottom 4:15 P.M A.M. P.M. Maximum Temperature 95
 Initial Hydrostatic Pressure (A) 1554 P.S.I.
 Initial Flow Period Minutes 30 (B) 26 P.S.I. to (C) 40 P.S.I.
 Initial Closed In Period Minutes _____ (D) _____ P.S.I.
 Final Flow Period Minutes _____ (E) _____ P.S.I. to (F) _____ P.S.I.
 Final Closed In Period Minutes _____ (G) _____ P.S.I.
 Final Hydrostatic Pressure (H) 1539 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: 2010/10/16
Final Test Date: 2010/10/16

KAREN 1-11
Formation: LANSING E-G
Job Number: D835

KAREN 1-11



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KEITH REAVIS

Phone: Fax: e-mail:

Well Information:

Name: KAREN 1-11

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S11/21S/12W STAFFORD CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEITH REAVIS

Test Type: CONVENTIONAL Job Number: D836

Test Unit:

Start Date: 2010/10/17 Start Time: 02:00:00

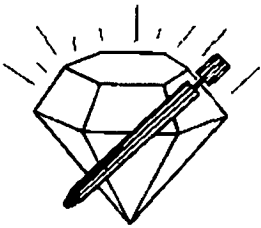
End Date: 2010/10/17 End Time: 07:15:00

Report Date: 2010/10/17 Prepared By: JOHN RIEDL

Qualified By: KEITH REAVIS

Remarks:

RECOVERY: 90' GAS IN PIPE, 30' OIL CUT MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 02:00 10/17/10

OFF 07:15 :00 10/17/10

DRILL-STEM TEST TICKET

STC/Karen1-11dst3

Company L D DRILLING INC Lease & Well No. KAREN #1-11
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation LANSIN H Effective Pay _____ Ft. Ticket No. D836
 Date 10/17/10 Sec. 11 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By KEITH REAVIS Diamond Representative JOHN C. RIEDL

Formation Test No. 3 Interval Tested from 3342 ft. to 3360 ft. Total Depth 3360 ft.
 Packer Depth 3337 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3342 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) _____ 3345 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) _____ 3357 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 60 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 8.6 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 6,000 P.P.M. Drill Pipe Length 3200 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 22 ft. Tool Size 3 1/2-IF in.
 Did Well Flow? NO Reversed Out NO Anchor Length 18 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: GOOD 6" NO BB
 2nd Open: FAIR 5" NO BB

Recovered 90 ft. of GAS IN PIPE
 Recovered 30 ft. of OCM (15%OIL 85%MUD)
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 30' IN DRILL COLLARS)</u>	Insurance
_____	Total

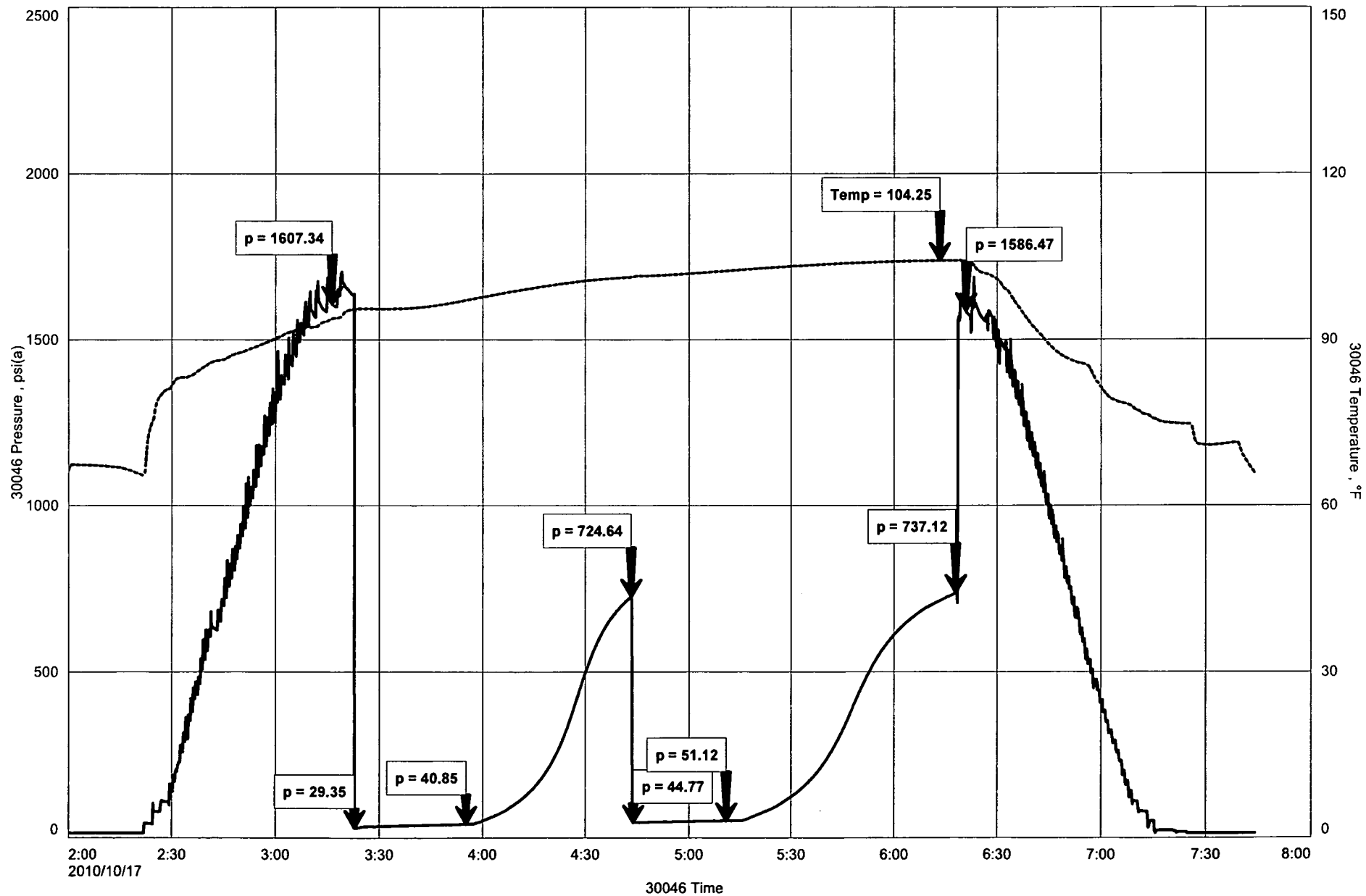
Time Set Packer(s) 3:05 A.M A.M. Time Started Off Bottom 5:50 A.M A.M. Maximum Temperature 104
 Initial Hydrostatic Pressure (A) 1607 P.S.I.
 Initial Flow Period Minutes 30 (B) 29 P.S.I. to (C) 41 P.S.I.
 Initial Closed In Period Minutes 45 (D) 725 P.S.I.
 Final Flow Period Minutes 30 (E) 45 P.S.I. to (F) 54 P.S.I.
 Final Closed In Period Minutes 60 (G) 737 P.S.I.
 Final Hydrostatic Pressure (H) 1586 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: 2010/10/17
Final Test Date: 2010/10/17

KAREN 1-11
Formation: LANSING "H"
Job Number: D836

KAREN 1-11



GENERAL INFORMATION

Client Information:

Company: L D DRILLING INC

Contact: L D DAVIS

Phone: Fax: e-mail:

Site Information:

Contact: KEITH REAVIS

Phone: Fax: e-mail:

Well Information:

Name: KAREN 1-11

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S11/21S/12W STAFFORD CTY

Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KEITH REAVIS

Test Type: CONVENTIONAL Job Number: D837

Test Unit:

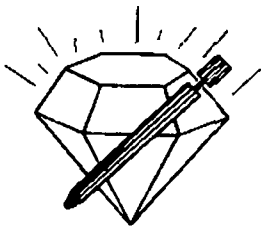
Start Date: 2010/10/17 Start Time: 22:20:00

End Date: 2010/10/18 End Time: 03:00:00

Report Date: 2010/10/18 Prepared By: JOHN RIEDL

Remarks: Qualified By: KEITH REAVIS

RECOVERY: 15' DRILLING MUD



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

ON 22:20 10/17/10

OFF 03:00 :00 10/18/10

DRILL-STEM TEST TICKET

STC/Karen1-11dst4

Company L D DRILLING INC Lease & Well No. KAREN #1-11
 Contractor PETROMARK RIG 2 Charge to L D DRILLING INC
 Elevation 1841 K.B Formation LANSIN H Effective Pay _____ Ft. Ticker No. D837
 Date 10/17/10 Sec. 11 Twp. 21 S Range 12 W County STAFFORD State KANSAS
 Test Approved By KEITH REAVIS Diamond Representative JOHN C. RIEDL

Formation Test No. 4 Interval Tested from 3435 ft. to 3519 ft. Total Depth 3519 ft.
 Packer Depth 3430 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
 Packer Depth 3435 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3438 ft. Recorder Number 30046 Cap. 6,000 P.S.I.
 Bottom Recorder Depth (Outside) 3516 ft. Recorder Number 11073 Cap. 4,000 P.S.I.
 Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ P.S.I.

Mud Type CHEMICAL Viscosity 56 Drill Collar Length 120 ft. I.D. 2 1/4 in.
 Weight 8.7 Water Loss 9.5 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
 Chlorides 8,000 P.P.M. Drill Pipe Length 3193 ft. I.D. 3 1/2 in.
 Jars: Make BOWEN Serial Number NOT USED Test Tool Length 22 ft. Tool Size 3 1/2-IF 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: WEAK DEAD IN 18 MINUTES NO BB
 2nd Open: NO BLOW NO BB

Recovered 15 ft. of DRILLING MUD
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>TOTAL FLUID RECOVERY: 15' IN DRILL COLLARS)</u>	Insurance
_____	Total

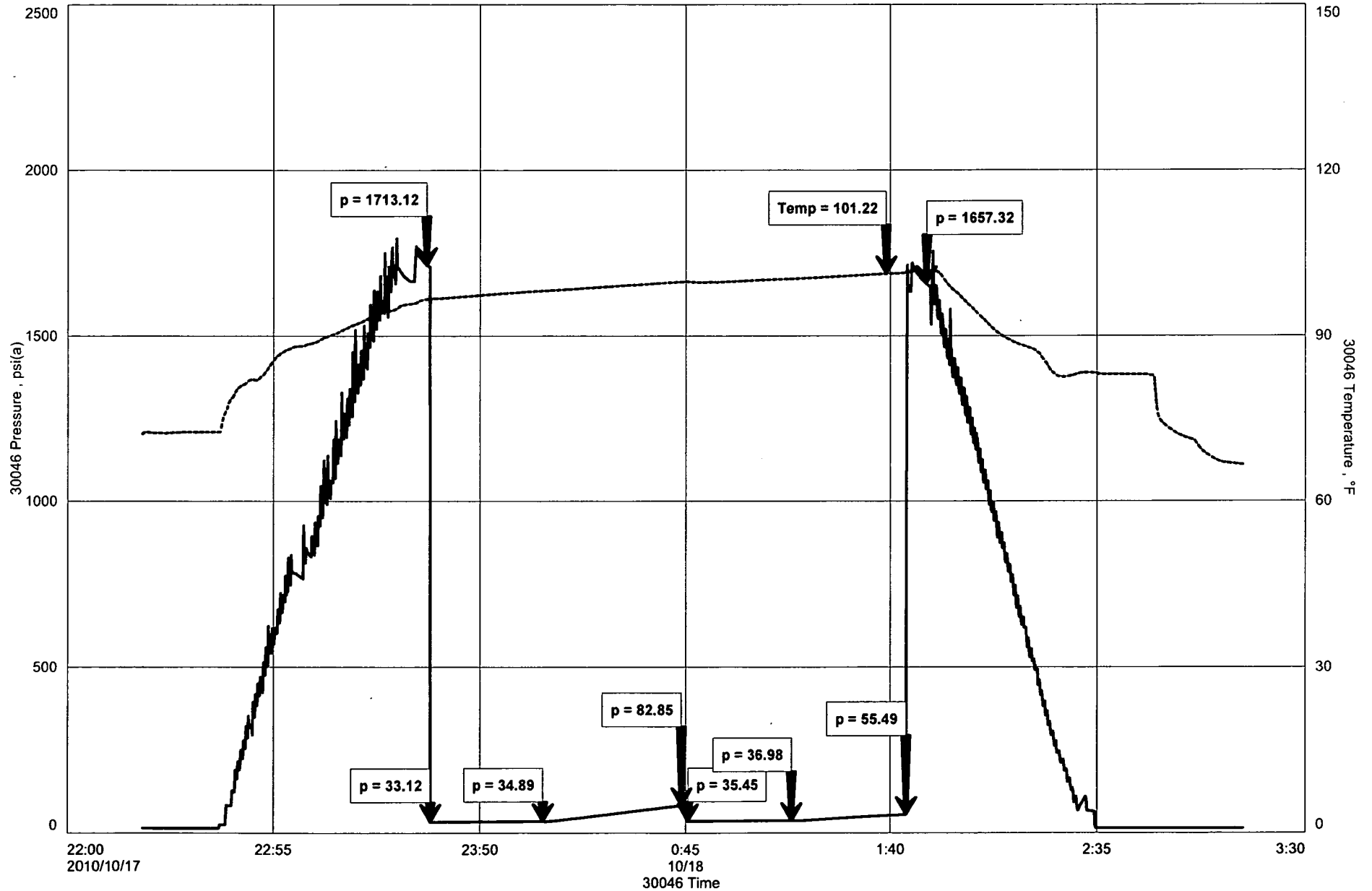
Time Set Packer(s) 11:45 P.M A.M. P.M. Time Started Off Bottom 1:45 A.M A.M. P.M. Maximum Temperature 101
 Initial Hydrostatic Pressure (A) 1713 P.S.I.
 Initial Flow Period Minutes 30 (B) 33 P.S.I. to (C) 35 P.S.I.
 Initial Closed In Period Minutes 30 (D) 83 P.S.I.
 Final Flow Period Minutes 30 (E) 35 P.S.I. to (F) 37 P.S.I.
 Final Closed In Period Minutes 30 (G) 55 P.S.I.
 Final Hydrostatic Pressure (H) 1657 P.S.I.

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L D DRILLING INC
Start Test Date: 2010/10/17
Final Test Date: 2010/10/18

KAREN 1-11
Formation: ARBUCKLE
Job Number: D837

KAREN 1-11





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 02788 A

DATE _____ TICKET NO. _____

DATE OF JOB 10-19-10 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		LEASE KAREN WELL NO. 1-11					
ADDRESS		COUNTY STAFFORD STATE KS					
CITY STATE		SERVICE CREW KEVIN JAMES McCLAREN					
AUTHORIZED BY		JOB TYPE CNW - CONSTRUCTION					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	10-18 PM 2230
19807						ARRIVED AT JOB	10-19 AM 0030
27463	1					START OPERATION	AM 0445
19826	1					FINISH OPERATION	AM 0515
19800	1					RELEASED	AM 0600
						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: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF103	60/40 POL	SL	150		1,800.00
CF103	60/40 POL	SL	30		360.00
CC111	SARA	Lb.	1336		468.00
CC112	CFR	Lb.	63		390.00
CC201	CARSONITE	Lb.	790		502.50
CF103	5/8" TOP RUBBER PLUG	EA.	1		105.00
CF251	5/8" GUIDE SHOES	EA.	1		250.00
CF1451	5/8" API DUSERT PLUGS	EA.	1		215.00
CF1651	5/8" TURBOBITTER	EA.	5		550.00
CC204	CS-14 HCL SUB.	gal.	1		35.00
CC151	MUD PUSHER	gal.	500		430.00
E100	VEHICLE MILE	mile	45		191.25
E101	TRUCK MILE	mile	90		630.00
E113	BULK DELIVERY	DM	349		558.00
CE204	PLANT CHARGE	EA.	1		2100.00
CE240	BLENDED CHARGE	SL	180		252.00
CE604	PLUG CONDENSER	EA.	1		250.00
3003	STENOGRAPHER SUPERVISOR	EA.	1		175.00

SUB-TOTAL

CHEMICAL / ACID DATA			

SERVICE & EQUIPMENT	% TAX ON \$	
MATERIALS	% TAX ON \$	
TOTAL		6665.25

SERVICE REPRESENTATIVE **K. Conroy** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: **Jim Nichol**

FIELD SERVICE ORDER NO. _____ (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

BASIC

energy services, L.P.

TREATMENT REPORT

Customer	LD DRILLING	Lease No.		Date		
Lease	KAREN	Well #	1-11		10-19-10	
Field Order	2100A	Station	PRATT KS	Casing	5/8	
				Depth	3639'	
Type/Job	CNW-LOWCSTRONG		Formation	3640-7D	Legal Description	11-21-12
				County	STAFFORD	
				State	KS	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft.		Acid	RATE	PRESS	ISIP
5 1/2							
Depth	Depth	From	To	Pre Pad	Max		5 Min.
3639							
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
Pipe Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load
3636							

Customer Representative	LD	Station Manager	SCOTTY	Treater	CURDNEY
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Service Units	19907	27463	19826-19860		
Driver Names	KG	JAMES	MCGRAW		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0030					DN LOCATION RUN 88 FT 5/8 14" USC - 3644' CUBIC SHOES, DUSERT IN P ¹ COUNTY CENT-1-3-5-7-9 TAG BOTTOM - DROP BACK - O.K.
0145	400		20	6	Pump 20 bbl. 2% Kcl H ₂ O
	300		12	6	Pump 12 bbl. MUD FLUSH
	300		3	6	Pump 3 bbl. H ₂ O
	200		31	6	Pump 150 SK 60/100 PZ 18% SBR, 1/2% CBR, 5% SK GILSONITE
					STOP - WASH LINE - DROP PZ
	0		0	6	START DESP.
	200		65	6	LIFT CEMENT
	500		80	3	SLOW RATE
0515	1000		88.5	3	PLUG DOWN - H ₂ O
					PLUG PAT HOLE - 30 SK 60/100 PZ
0600					JOB COMPLETE REVIEW



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 02661 A

DATE _____ TICKET NO. _____

DATE OF JOB: 10-13-10		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: L.D. DRILLING, INC.				LEASE: KAREN				WELL NO. 1-11	
ADDRESS:				COUNTY: STAFFORD		STATE: KS.			
CITY:				SERVICE CREW: LESLEY, VEATCH, LUCAS					
AUTHORIZED BY:				JOB TYPE: CNW - 8 5/8 S.P.					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED: 10-12-10 PM 9:30			
19870	1					ARRIVED AT JOB: 9 PM 11:10			
27463	1					START OPERATION: 10-13-10 AM 12:05			
19832/2100	1					FINISH OPERATION: 1 AM 1:00			
						RELEASED: 2 AM 1:30			
						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: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-CON CMT.	SK	175		3,150.00
CP 100	COMMON CMT.	SK	200		3,200.00
CE 102	CELL-FLAKE	lb	94		347.80
CE 109	CALCIUM CHLORIDE	lb	10.59		1,111.95
CE 200	CEMENT GEL	lb	376		94.00
CF 153	WOODEN CMT. PLUG 8 5/8"	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 CHARGE	TM	794		1,270.80
CE 200	DEPTH CHARGE 0-500'	HR	1-4		1,000.00
CE 240	BLENDING SERVICE CHARGE	SK	375		615.00
CE 504	PLUG CONTAINER UTILIZATION CHRG.	JOB	1		250.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

SUB TOTAL: 8,353.00

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	L.D. DRILLING, INC.	Lease No.		Date	
Lease	KAREN	Well #	1-11 TD		10-13-10
Field Order #	2001	Station	PRATT, KS.	Casing	8 5/8
				Depth	339'
Type Job	CNW-8 5/8 S.P.		Formation		Legal Description

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
8 5/8								
Depth	Depth	From	To	Pre Pad	Max			5 Min.
229'								
Volume	Volume	From	To	Pad	Min			10 Min.
20.5								
Max Press	Max Press	From	To	Frac	Avg			15 Min.
500								
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
P.C.								
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load
329'				19 BBL				

Customer Representative	L.D. DAVIS	Station Manager	D. SCOTT	Treater	R. LESLEY
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Service Units	1987D	27403	19832	21010					
Driver Names	LESLEY	VEATCH	LUCAS						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:10pm					ON LOCATION - SAFETY MEETING
					RUN CSG. - 8 5/8 X 28"
11:57pm					CSG. ON BOTTOM
12:05am					HOOK UP TO CSG. - BREAK CIRC. W/ RIG
12:07pm	200		3	5	HOO AHEAD
12:20pm	200		66	5	MIX @ 175 SK ACON @ 12.6 #/GAL
12:30pm	100		47	5	MIX 200 SK COMMON @ 15.0 #/GAL
12:35pm					SHUT DOWN - RELEASE PLUG
12:40pm	0		0	5	START DISPLACEMENT
12:49pm	200		10	4	SLOW RATE
12:57pm	300		19	3.5	PLUG DOWN - CLOSE MANNIFOLD
					CIRCULATION THRU JOB
					CIRCULATED 10 BBL TO PIT
					JOB COMPLETE
					THANKS - KEEVEN

Keith Reavis
Consulting Geologist

Scale 1:240 (5"=100') Imperial

Well Name: Karen #1-11
Location: Section 11 - T21S - R12W, Stafford County, KS
Licence Number: API # 15-185-23644-0000
Spud Date: October 12, 2010
Surface Coordinates: 1680' FSL & 2970' FEL
Region: Wildcat
Drilling Completed: October 18, 2010

Bottom Hole
Coordinates:
Ground Elevation (ft): 1836' K.B. Elevation (ft): 1841'
Logged Interval (ft): 2900' To: 3640' Total Depth (ft): 3640' Rotary TD
Formation: Arbuckle
Type of Drilling Fluid: Chemical/Polymer/Gel

Printed by MUD.LOG from WellSight Systems 1-800-447-1634 www.WellSight.com

OPERATOR

Company: LD Drilling Inc.
Address: 7 SW 26th Avenue
Great Bend, KS 67530

GEOLOGIST

Name: Keith Reavis, KLG #136
Company: Consulting Geologist
Address: 3420 22nd St.
Great Bend, KS 67530

REMARKS

Due to favorable results of DST #1 and favorable electrical log analysis, it was recommended that 5 1/2" production casing be set and cemented through the Arbuckle and that the Arbuckle and Lansing C & D zones be further tested through perforations.

Samples were saved and will be available for further review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted,

Keith Reavis

LD Drilling, Inc.

DAILY DRILLING REPORT

Drilling Contractor: Petromark Drilling Rig #2 820-817-4750 Tool Pusher: Jim Mickel

DATE	7:00 AM DEPTH	REMARKS
10/15/2010		Geologist Keith Reavis on location @ 1100 hrs, 3043 ft., drilling ahead Topoka, Heabner, Toronto, Douglas, Lansing, show in B and C zones warrants DST, short trip, TOH for DST #1

10/16/2010 3270 conduct and complete DST #1, TIH w/bit, c/cch, show in F and G zones warrants DST, TOH w/bit, conduct and complete DST #2, drill to H zone show warrants DST

10/17/2010 3360 TOH for DST #3, conduct and complete DST, successful test, TIH with bit, resume drilling, Base K/C, Simpson, Arbuckle, show in Arbuckle warrants DST, TOH for DST #4, conducting DST #4

10/18/2010 3433 finish DST #4, successful test, out with tools in with bit, resume drilling Rat-hole ahead for logs, complete logging operations, geologist off location At 2015 hrs.

LD Drilling, Inc.

WELL COMPARISON SHEET

Formation	DRIILLING WELL				COMPARISON WELL				COMPARISON WELL			
	LD Drilling - Karea #1-11				Profit Resources - Jolley #1				Virginia Drig. Co. & Adair - Wolf #2			
	1669' FSL& 2970' FEL				1663' FSL & 1813' FEL				NE SW SW			
Sec. 11 T21S R12 W				Sec. 11 T21S R12 W				Sec. 11 T21S R12 W				
1841 KB				1833 KB				1835 KB				
	Sample	Sub-Sec	Log	Sub-Sec	Log	Sub-Sec	Sample	Log	Log	Sub-Sec	Sample	Log
King Hill	2898	-1045	2898	-1045	2874	-1041	-4	-4				
Hebner	3071	-1230	3070	-1229	3058	-1225	-5	-4				
Toronto	3082	-1251	3081	-1250	3078	-1245	-6	-5				
Douglas	3104	-1283	3105	-1284	3082	-1259	-4	-5				
Lansing	3219	-1378	3220	-1379	3207	-1374	-4	-5	3220	-1385	7	6
Lansing G	3282	-1451	3294	-1453	3280	-1447	-4	-6				
Base K/C	3436	-1585	3437	-1586	3420	-1587	-8	-8				
Simpson	3468	-1625	3464	-1623	3448	-1616	-8	-7				
Arbuckle	3582	-1681	3505	-1684	3482	-1640	-12	-15	3505	-1670	9	6
Total Depth	3640	-1789	3641	-1800	3530	-1797	-2	-3				

ROCK TYPES

LITHOLOGY

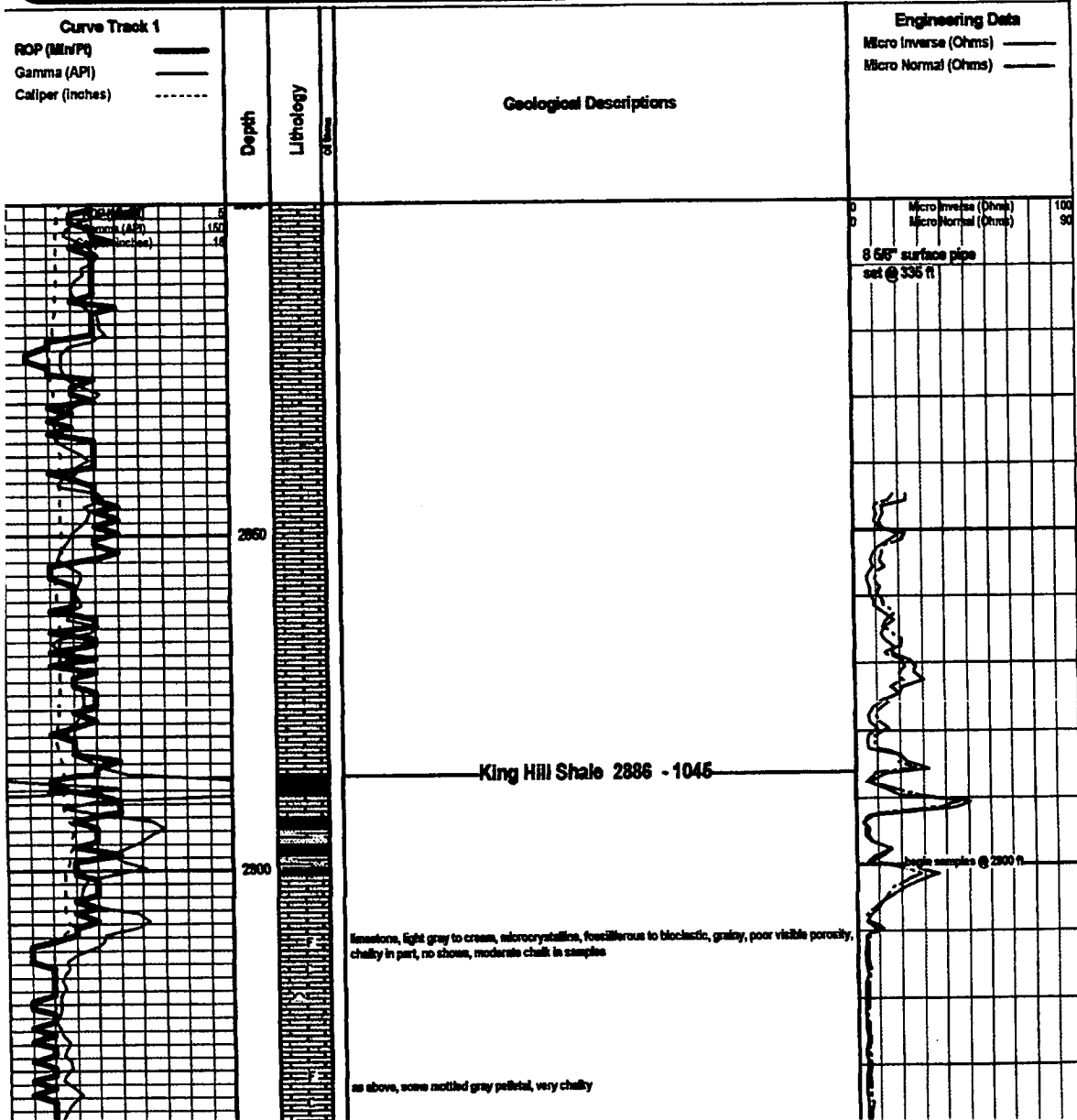
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- Brac
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- Congl
- Dol
- Gyp
- Igne
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- Meta
- Mrst
- Salt
- Shale
- Shcol
- Shgy
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- Sandylms
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- Gry sh
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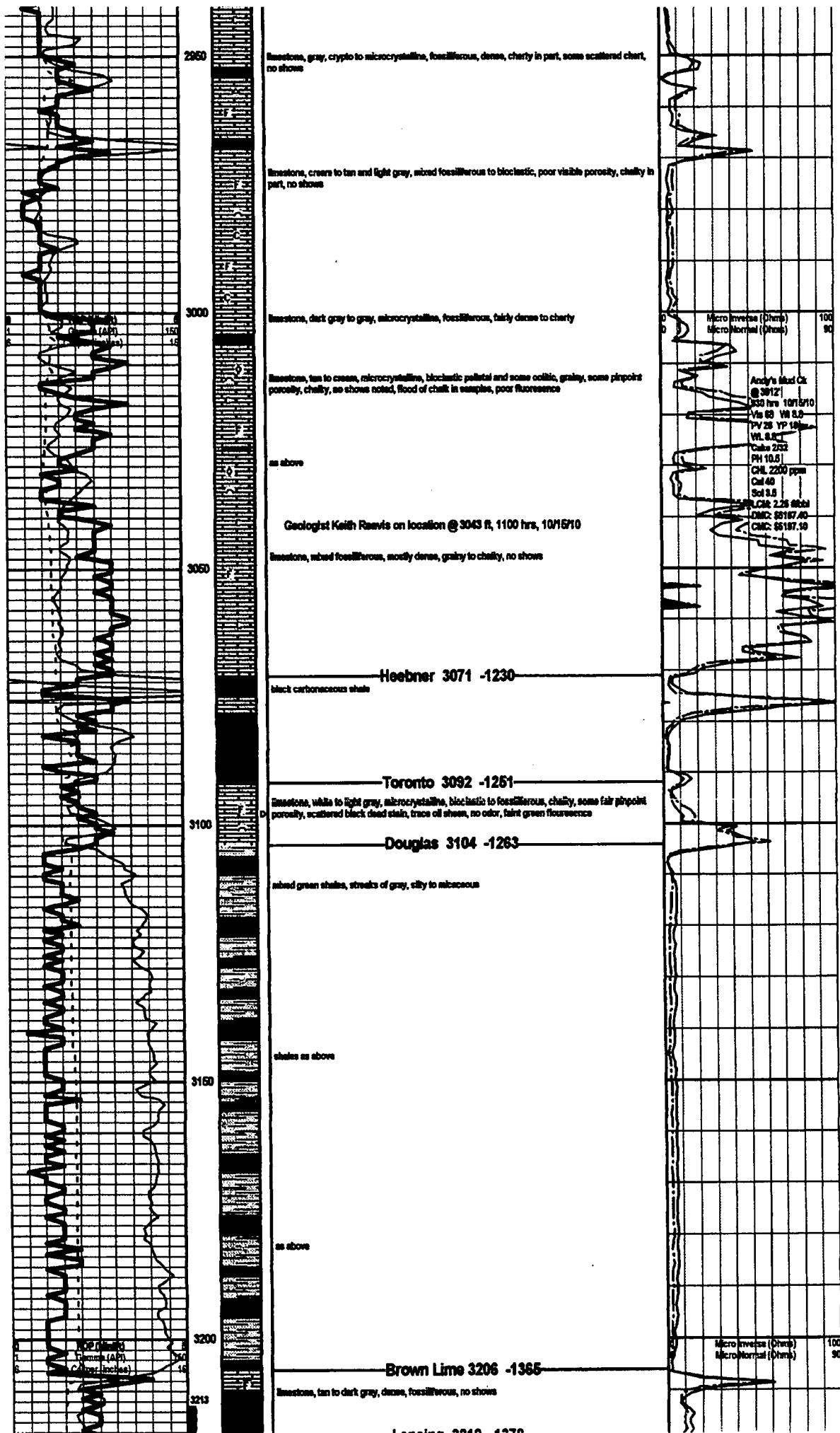
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 - Red shale
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- Oomoldic
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 - Biocist
 - Brach
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 - Coral
 - Crin
 - Echin
 - Fish
 - Foram
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 - Pisolite
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- MINERAL
- Sity

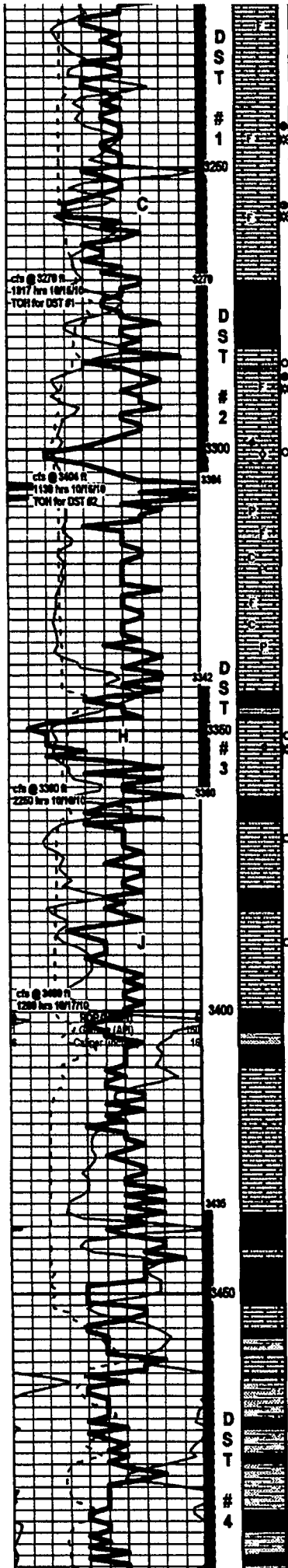
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- Bit
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- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxi
- Nodule
- Phos
- Pyr
- Salt
- Sandy
- Silt
- Sil

- Sulphur
 - Tuff
- STRINGER
- Red shale
 - Sh
 - Sandylms
 - Lms
 - Gryst
 - Grysh
 - Dol
 - Cystn
 - Carbsh
 - Anhy
 - Arg
 - Bent
 - Coal
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 - Ls
 - Mrst
 - Siltstrg
 - Ssstrg
- TEXTURE
- Boundst
 - Chalky
 - Cryxln
 - Earthy
 - Finexln

- Grainst
 - Lithogr
 - Microxln
 - Mudst
 - Packst
 - Wackest
- OIL SHOW
- Gas show
 - Good
 - Fair
 - Poor
 - Dead
- INTERVAL
- Dst
 - Core
 - Dst
 - Straddle test
- EVENT
- Rft
 - Sidewall
 - Dst
 - Open hole
 - Perforations







limestone, tan to cream and light gray, abundant fossiliferous, some grainy, some scattered porosity, scattered brown to black staining, no show free oil, no odor, fair green mineral fluorescence

limestone, cream to gray, microcrystalline, fossiliferous, some large clests, some large calcite crystals, some fracture and trace vuggy porosity, few pieces vuggy pitted, spotty to saturated brown to black staining, poor to fair show gassy but heavy oil, fair odor, fair to good fluorescence, good bright white cut

limestone, cream, micro to fine crystalline, secondary calcite, fossiliferous, large clests and vugs, crystal lined, good staining in vugs, fair show free oil, gassy, faint odor, excellent cut

limestone, cream to gray, microcrystalline, fossiliferous, grainy, dense, some secondary calcite, no show

3388 samp and 38 ch, limestone, light gray to cream and pale green, microcrystalline, fossiliferous, recrystallized, dense, some large well developed vugs, stained, bleeds some heavy oil drops, of gassy, fainting odor, bright milky blue white cut

60 min some brown barren small sub-oolitic to sub-oolitic and few pieces mature oolitic with heavy black tarry stain, slight show free oil, no odor, good bright blue white cut fluorescence

limestone, mixed dense fossiliferous, some pyritic, some scattered dark tarry stain, no odor, no fluorescence, trace chert, moderate chalk present in samples

as above

green and gray/black fissile shale

limestone, white to gray, oolitic, small pulverized specimens, show dark clingy oil, trace free oil, spotty black tarry to brown stain, trace gas bubbles, excellent bright white cut fluorescence

limestone, light brown to gray, dense, fossiliferous, some small vugs and secondary calcite, scattered spotty stain, trace clingy tarry oil, no odor, fair blue/white cut

limestone, light gray to cream, small specimens, very fossiliferous to oolitic, some secondary calcite, scattered pin-point and interst porosity, scattered brown to black stain, trace heavy free oil, no odor, slow streaming cut

shale, dark gray to dark green, some maroon

limestone, light gray to cream, micro to cryptocrystalline, mostly lithographic with fossiliferous, dense, cherty in part, few pieces cherty with trace black stain, no show free oil, no odor

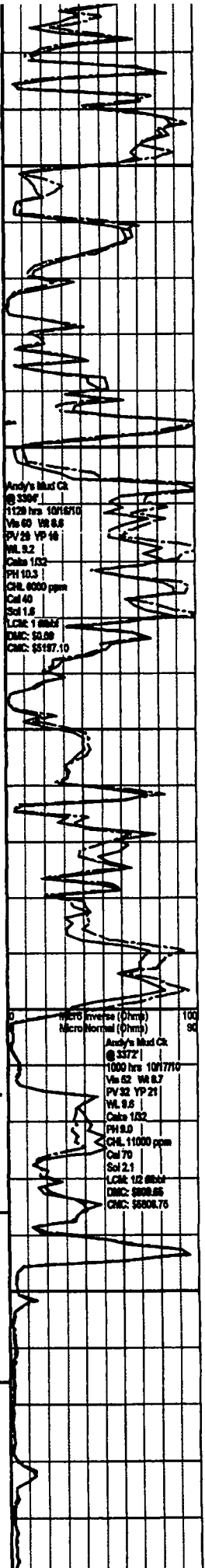
Base Kansas City 3436 -1595

shale, brick red, gray, green, gray/maroon striped and mottled, scattered chert, abundant grayed weathered spongy limestone, no shows

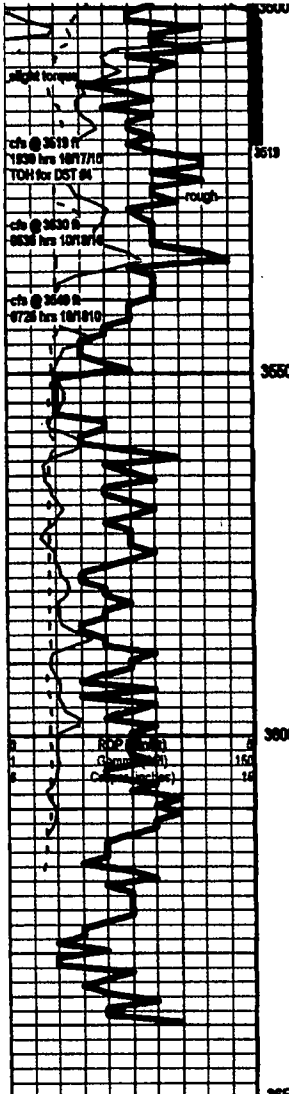
Simpson 3466 -1625

shale, variable green, some waxy, olive, turquoise, maroon, red silty, abundant orange clay, sample wash red/orange

shale as above



Arbuckle 3502 -1661



dolomite, white to light gray, micro to cryptocrystalline, some euhedral edges, some pale green shaly inclusions, scattered black spotty stain, no show oil, no odor, pale fluorescence

dolomite, gray to tan and pink, mixed crystalline, some fair rhombic but mostly recrystallized, fair scattered intercrystalline and vuggy porosity, some cherty, good overall staining, good show oil, strong odor, fair mineral and cut fluorescence, some variable and oolitic cherts

s.s., lots black glauconitic stain, no odor, oil is stringy, good mineral and cut fluorescence

s.s., mostly black glauconitic dead stain, only sheen oil, floating sour odor

dolomite, light gray to white, micro - fine crystalline, rhombic to sub-rhombic recrystallized, some scattered conchoidal, some fair intercrystalline and vuggy porosity, fair to good saturated staining, good show heavy black free oil, weak odor, good green mineral fluorescence and excellent white cut fluorescence

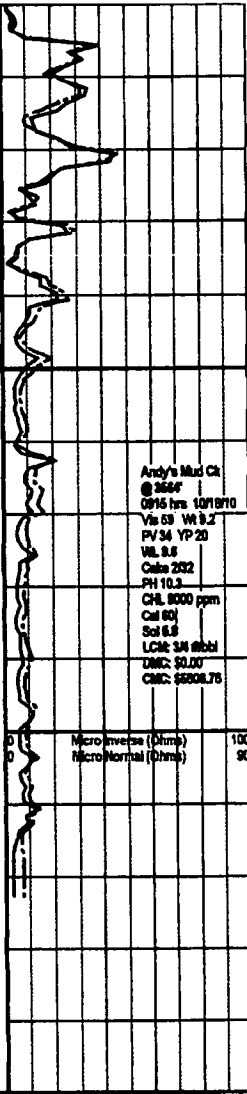
dolomite, gray to white and pink, mixed crystalline to cryptocrystalline, mostly dense, some scattered black stain, stream filly oil in tray, floating odor

dolomite, light gray to white, fine to medium crystalline, slightly recrystallized, some good solution vugs, black staining, fair show heavy black oil, floating odor, fair mineral fluorescence, slow to medium cut, fair to good blue/white

dolomite, mixed gray to white and pink, mixed crystalline, dense, scattered staining, no show free oil, no odor

as above

dolomite, white to gray, micro to fine crystalline, mostly rhombic, good intercrystalline porosity, barren



Andy's Mud Ct
 @ 3554
 0915 hrs 10/18/10
 Vis 55 Wt 9.2
 PV 34 YP 20
 WL 9.8
 Cdn 232
 PH 10.3
 CIL 5000 ppm
 Cat 60
 Sol 6.6
 LCM 3M sbbl
 DMC: 30.00
 CMC: 6550L76

Micro Inverse (Ohms) 100
 Micro Normal (Ohms) 90

Rotary TD 3640 ft 1250 hrs 10/18/10
 Log Tech TD 3641 ft
 Complete Logging Operations @ 1950 hrs 10/18/10