



KANSAS CORPORATION COMMISSION 1051655
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: JOSH AUSTIN
Purchaser: MV 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 #: _____

<u>11/01/2010</u>	<u>11/07/2010</u>	<u>11/18/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23646-00-00

Spot Description: _____
SW SE NW NW Sec. 3 Twp. 22 S. R. 12 East West
1,206 Feet from North / South Line of Section
980 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Stafford

Lease Name: SIEFKES 'B' Well #: 15-3

Field Name: MAX

Producing Formation: ARBUCKLE

Elevation: Ground: 1851 Kelly Bushing: 1857

Total Depth: 3718 Plug Back Total Depth: 3663

Amount of Surface Pipe Set and Cemented at: 394 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: 00 bbls

Dewatering method used: Evaporated

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: Deanna Garrison Date: 03/04/2011



1051655

Operator Name: L. D. Drilling, Inc. Lease Name: SIEFKES 'B' Well #: 15-3
 Sec. 3 Twp. 22 S. R. 12 East West County: Stafford

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name Attached	Top Datum Attached
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 (If no, Submit Copy)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run: Attached			

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
SURFACE	12.25	8.625	24	394	A-CON	175	3%CC, .25#CF
SURFACE CONT	12.25	8.625	24	394	COMMON	200	2%Gel,3%CC,.25#CF
PRODUCTION - USED	7.875	5.5	14	3717	60/40 POZMIX	180	18%Salt,.5%CFR,5#GII,.25#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
4	3614 - 3615'; 3614.5 - 3615.5'	250 gal 15% NE FE HCL Acid	
		500 gal 28% NE Acid	

TUBING RECORD:	Size: <u>2.875</u>	Set At: <u>3663</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>01/07/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	SIEFKES 'B' 15-3
Doc ID	1051655

All Electric Logs Run

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

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	SIEFKES 'B' 15-3
Doc ID	1051655

Tops

ANHYDRITE	638	+1219
BASE ANHYDRITE	660	+1197
HEEBNER	3128	-1271
TORONTO	3146	-1289
DOUGLAS	3160	-1303
BROWN LIME	3262	-1402
LANSING	3276	-1419
BASE KANSAS CITY	3497	-1640
VIOLA	3518	-1661
SIMPSON SHALE	3556	-1699
ARBUCKLE	3614	-1757



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 02944 A

3-225-12W

DATE _____ TICKET NO. _____

DATE OF JOB 11-2-10		DISTRICT Pratt, Kansas		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER L.D. Drilling, Incorporated				LEASE Siefkes "B"				WELL NO. 15-3	
ADDRESS				COUNTY Stafford		STATE Kansas			
CITY		STATE		SERVICE CREW C. Messick; C. Veatch; L. Wiser					
AUTHORIZED BY				JOB TYPE: C.N.W. - Surface					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19,866	.75						11-1-10	AM	9:00
						ARRIVED AT JOB	11-1-10	AM	1:30
19,903-19,905	.75					START OPERATION	11-2-10	AM	1:00
						FINISH OPERATION	11-2-10	AM	1:45
19,960-19,918	.75					RELEASED	11-2-10	AM	2:15
						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
P CP 101	A Con Blend Cement	SK	175	\$	3,150.00
P CP 100	Common Cement	SK	200	\$	3,200.00
P CC 102	Cell Plate	Lb	94	\$	347.80
P CC 109	Calcium Chloride	Lb	1,059	\$	1,111.95
P CC 200	Cement Gel	Lb	376	\$	94.00
P CF 153	Wooden Plug, 8 5/8"	ea	1	\$	160.00
P E 100	Pickup Mileage	mi	45	\$	191.25
P E 101	Heavy Equipment Mileage	mi	90	\$	630.00
P E 113	Bulk Delivery	tm	794	\$	1,270.80
P CE 200	Cement Pump: 0 Feet To 500 Feet	Job	1	\$	1,000.00
P CE 240	Blending and Mixing Service	SK	375	\$	525.00
P CE 504	Plug Container	Job	1	\$	250.00
P 5003	Service Supervisor	Job	1	\$	175.00

SUB TOTAL
DLS \$ 8,474.06

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: R. M. ... THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Lu D. ...
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer D.D. Drilling, Incorporated	Lease No. Red	Date 11-2-10
Lease Siefkes "B"	Well # 15-3	
Field Order # 294	Station Pratt, Kansas	Casing 24 1/2"
Type Job C.N.W. Surface	Depth 395 ft	County Stafford
	Formation	State Kansas
		Legal Description S-225-12W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 2 7/8 24 1/2"	Tubing Size 1 7/8"	Shots/Ft 175	Acid sacks A com	with 3% Calcium Chloride	RATE 2.120 U.F.T./sh.	PRESS 257 lb/sh.	ISIP cell/flake	
Depth 395 Feet	Depth	From	To 12.6 Lb	Gal, 11.89 Gal	Max		5 Min.	
Volume 2.5 Bbl.	Volume	From	To 200 sacks	common with 2% Gel	Min		10 Min.	
Max. Press 5 PSI	Max Press	From	To 15 Lb	Gal, 6.13 Gal	Avg		15 Min.	
Well Connection Plug Control	Annulus Vol. liner	From	To		HHP Used		Annulus Pressure	
Plug Depth 380 feet	Packer Depth	From	To	Flush 24 Bbl. Fresh Water	Gas Volume		Total Load	

Customer Representative Jim Michel	Station Manager David Scott	Treater Clarence R. Messick
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Service Units	19,866	19,903	19,905	19,960	19,918				
Driver Names	Messick	Veatch	Wiser						

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:45	--				Cementer on location.
11:30					Trucks on location and hold safety meeting.
					Petromach Drilling start to run 9 joints new 24 Lb./Ft. 8 5/8" casing.
12:53					casing in well. Circulate for 5 minutes.
1:00	275			5	Start Fresh water Pre-Flush.
	300		10	5	Start mixing 175 sacks A com Blend cement.
			76	5	Start mixing 200 sacks commencement.
	-0-		123		Stop pumping. Shut in well. Release Wooden Plug. Open Well.
1:37	100			5	Start Fresh Water Displacement.
1:42	300		24		Plug down. Shut in well.
					Circulated 10 sacks cement to the bit
					Wash up pump trucks
2:15					Job Complete
					Thank You.
					Clarence, Chris, Lucas



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 02798 A

DATE _____ TICKET NO. _____

DATE OF JOB 11/8/10	DISTRICT PRATT, K.S.	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.P. DRILLING		LEASE STEFLES 'B'		WELL NO. 15					
ADDRESS		COUNTY STAFFORD		STATE KS					
CITY		STATE		SERVICE CREW KG, JA, BRAD					
AUTHORIZED BY		JOB TYPE: CONV - WORKSHEET							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE 11/8	AM 0500	TIME
19907		19832				ARRIVED AT JOB		AM	1900
		19862				START OPERATION		AM	1130
19889	1/2	19959	1/2			FINISH OPERATION		AM	1200
17842		21010	1/2			RELEASED		AM	1230
						MILES FROM STATION TO WELL		AM	45

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SIGNED: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
PF103	60/40 P62	150	SK		1800.00
PF103	60/40 P62	30	SK		360.00
PC102	HEAVY FLARE	38	LB		140.60
CC111	5/8" I	1334	LB		667.00
CC112	1" IFR	63	LB		390.00
CC201	BANDONETS	750	LB		302.50
CF103	5/16" IDP RUBBER TAP	1	EA.		105.00
CF251	5/16" GUIDE SABLE	1	EA.		250.00
CF1451	5/16" NEW ANSWER FRONT	1	EA.		215.00
CF165	5/16" TURBULIZER	5	EA.		550.00
CF704	CS-16 KCL	1	991		35.00
UC151	MUDFISH	500	991		430.00
E100	TRUCK MILEAGE	45	mile		141.25
E101	TRUCK MILEAGE	90	mile		630.00
E113	BULK PAYMENT	349	DM		558.00
CE204	PLUG CHARGE	1	EA.		2160.00
CE240	BLEND CHARGE	180	SK		252.00
CE204	PLUG CONTAINER	1	EA.		250.00
5003	SEWING SUPERLISON	1	EA.		175.00

SUB TOTAL

CHEMICAL / ACID DATA:		

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

TOTAL

DLS KG 6473.10

SERVICE REPRESENTATIVE K. GORSNEY	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY Jim J. [Signature]
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(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Client: LD DRILLING	Lease No.:	Date:
Well: SIDPHES 'B'	Well #: 15-3	
Job No: 78	Station: PRATT, KS	Casing: 3 1/2
Job: OWN - LOWESTRONG	Depth: 3717	County: SOUTHWEST
	Formation: TD - 3718	State: KS
		Legal Description: 2-2-1972

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
3 1/2							
Depth: 3717	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min.		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 3615	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative: LD	Station Manager: SCOTT	Treater: CORDIEY
Service Units: 19885-19842	19831-19867	19959-21010
Driver Names: KE	JIMMIE A.	BRAD

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00					ON LOCATION
					RUN 3714' 5 1/2" CSG - 87 JTS
					GRIND STAB, DUSTY 2015' COLLAR
					VENT - 1-3-5-7-9
					TRG BOTTOM - DROPP BALL - CHECK.
					SEE 5 1/2" AT 3717' COLLAR AT G.L.
11:30	300		20	6	Run 20 bbl. 2% H₂O
	300		12	6	Run 12 bbl. MUD FRESH
	300		3	6	Run 3 bbl. H₂O
	200		31	6	Run 150 gal. 60/40 F02
					18% STAB 1/2% CFR 5" CARSONITE 1/4" C.F.
					STOP WASH LINE - DROPP BALL
	0		0	6	SIDPHES DESTB
			72	6	LEFT PERMANENT
	600		80	3	SLOW RATE
0			89 1/2	3	PUMP DOWN - HOLD
					Hold 147 H₂O 30 gal 60/40 F02
17:30					STOP COMPLETE - HOLD

DIAMOND TESTING

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name SIEFKES "B" #15-2
Unique Well ID DST#1 3294-3360 LANS B-F
Surface Location SEC. 3-22S-12W STAFFORD CO. KS.
Field WILDCAT
Well Type Vertical

Job Number MO44
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/11/05
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#1 3294-3360 LANS B-F
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 11:47:00
Final Test Time 16:25:00

Start Test Date 2010/11/05
Final Test Date 2010/11/05

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 242' WM 5% WTR, 95% MUD
126' WM 20% WTR, 80% MUD
504 MW 80% WTR, 20% MUD
120' MW 90% WTR, 10 % MUD
994' TOTAL FLUID

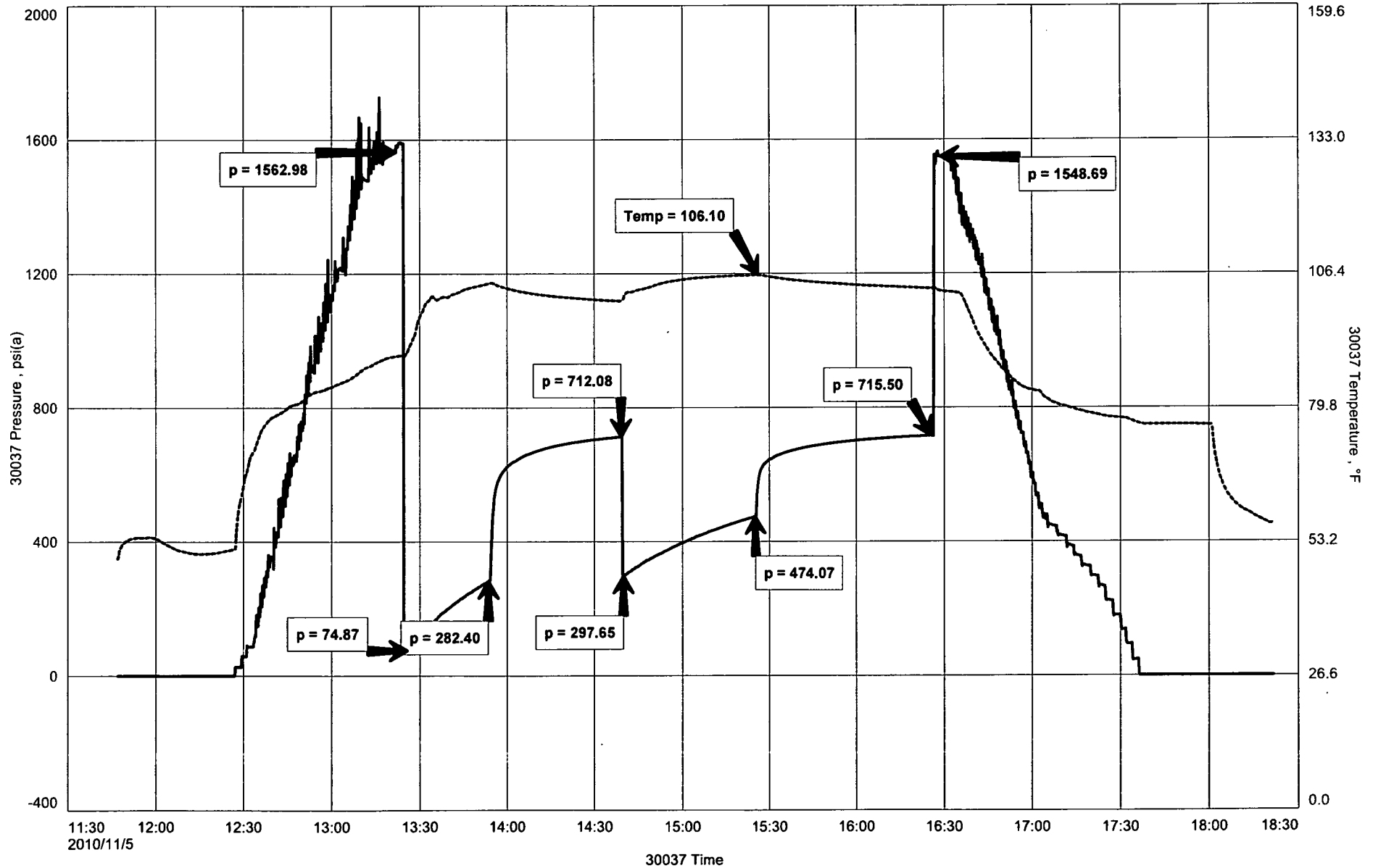
PH 7.5
CHLOR 80,000 PPM
RW .14 @ 64 DEG

TOOL SAMPLE: 99% WTR, 1% MUD FEW OIL SPECKS

L.D. DRLG
DST#1 3294-3360 LANS B-F
Start Test Date: 2010/11/05
Final Test Date: 2010/11/05

SIEFKES "B" #15-2
Formation: DST#1 3294-3360 LANS B-F
Pool: WILDCAT
Job Number: MO44

SIEFKES "B" #15-2





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SIFKSB15-3DST1

TIME ON: 11:47
TIME OFF: 18:23

Company L.D. DRLG Lease & Well No. SIEFKES "B" #15-2
Contractor PETROMARK RIG 2 Charge to L.D. DRLG
Elevation 1852 GL Formation LANS B-F Effective Pay _____ Ft. Ticket No. M044
Date 11-5-10 Sec. 3 Twp. 22 S Range 12 W County STAFFORD State KANSAS
Test Approved By JOSH AUSTIN Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3294 ft. to 3360 ft. Total Depth 3360 ft.
Packer Depth 3289 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3294 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3283 ft. Recorder Number 30037 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3357 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth NA ft. Recorder Number NA Cap. NA P.S.I.

Mud Type CHEMICAL Viscosity 48 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.0 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,000 P.P.M. Drill Pipe Length 3149 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 66 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 35 SEC. (BOB BB 11 MIN)
2nd Open: GSB BOB 3 1/2 MIN (2 INCH BB)

Recovered 242 ft. of WM 5% WTR 95% MUD
Recovered 126 ft. of WM 20 % WTR 80 % MUD
Recovered 504 ft. of MW 80% WTR, 20 % MUD
Recovered 120 ft. of MW 90% WTR, 10% MUD
Recovered 992 ft. of TOTAL FLUID

Recovered _____ ft. of _____	PH 7.5	Price Job
Remarks: _____	CHLOR 80,000	Other Charges
_____	RW .14 @ 64 DEG	Insurance
TOOL SAMPLE: 99% WTR, 1% MUD FEW OIL SPECKS		Total

Time Set Packer(s) 1:25 P.M. A.M. P.M. Time Started Off Bottom 4:25 P.M. A.M. P.M. Maximum Temperature 106

Initial Hydrostatic Pressure..... (A) 1563 P.S.I.
Initial Flow Period..... Minutes 30 (B) 75 P.S.I. to (C) 282 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 712 P.S.I.
Final Flow Period..... Minutes 45 (E) 298 P.S.I. to (F) 474 P.S.I.
Final Closed In Period..... Minutes 60 (G) 716 P.S.I.
Final Hydrostatic Pressure..... (H) 1549 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.



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SIFKSB15-3DST1

TIME ON: 05:31
TIME OFF: 11:30

Company L.D. DRLG Lease & Well No. SIEFKES "B" #15-2
Contractor PETROMARK RIG 2 Charge to L.D. DRLG
Elevation 1852 GL Formation LANS H,I,J Effective Pay _____ Ft. Ticket No. M045
Date 11-6-10 Sec. 3 Twp. 22 S Range _____ 12 W County STAFFORD State KANSAS
Test Approved By JOSH AUSTIN Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3420 ft. to 3465 ft. Total Depth 3465 ft.
Packer Depth 3415 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3420 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3409 ft. Recorder Number 30037 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3462 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth NA ft. Recorder Number NA Cap. NA P.S.I.
Mud Type CHEMICAL Viscosity 60 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 8.2 Water Loss 9.6 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 4,000 P.P.M. Drill Pipe Length 3275 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 45 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: WSB BUILT TO 4" (NOBB)
2nd Open: WSB BUILT TO 1" (NOBB)

Recovered 15 ft. of SOSWM 5%WTR, 95% MUD
Recovered 100 ft. of SOSWM 10% WTR, 90% MUD
Recovered 20 ft. of SOSMW 80% WTR, 20% MUD
Recovered 135 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 35% WTR, 65% MUD OIL SPECKS	Total

Time Set Packer(s) 7:45 A.M. A.M. P.M. Time Started Off Bottom 9:45 A.M. A.M. P.M. Maximum Temperature 99

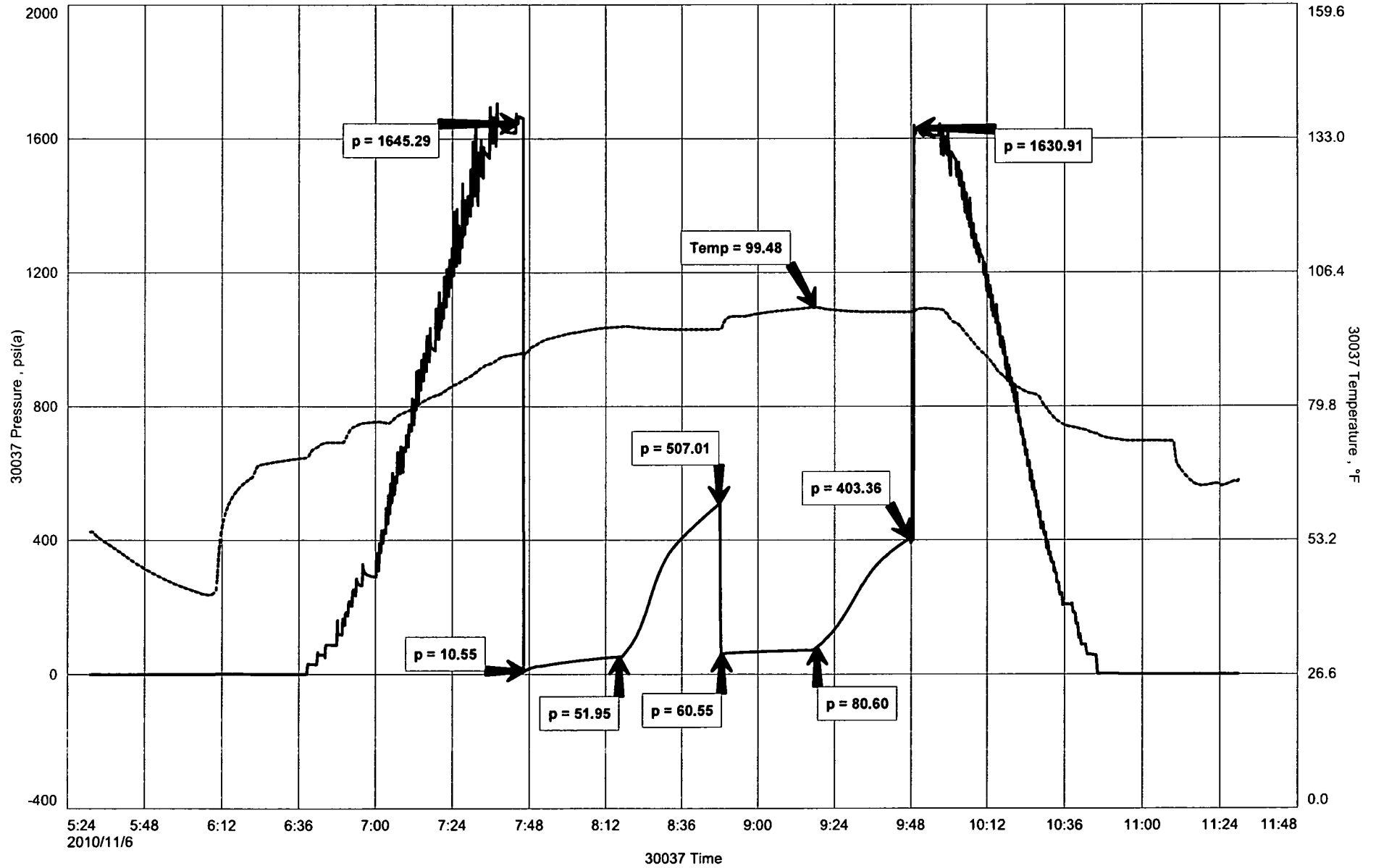
Initial Hydrostatic Pressure..... (A) 1645 P.S.I.
Initial Flow Period..... Minutes 30 (B) 11 P.S.I. to (C) 52 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 507 P.S.I.
Final Flow Period..... Minutes 30 (E) 61 P.S.I. to (F) 81 P.S.I.
Final Closed In Period..... Minutes 30 (G) 403 P.S.I.
Final Hydrostatic Pressure..... (H) 1631 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 3420-3465 LANS. H-I-J
Start Test Date: 2010/11/06
Final Test Date: 2010/11/06

SIEFKES "B" #15-2
Formation: DST#2 3420-3465 LANS. H-I-J
Pool: WILDCAT
Job Number: M045

SIEFKES "B" #15-2



DIAMOND TESTING

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name SIEFKES "B" #15-2
Unique Well ID DST#2 3420-3465 LANS. H-I-J
Surface Location SEC. 3-22S-12W STAFFORD CO. KS.
Field WILDCAT
Well Type Vertical

Job Number M045
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/11/06
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#2 3420-3465 LANS. H-I-J
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 07:45:00
Final Test Time 09:45:00

Start Test Date 2010/11/06
Final Test Date 2010/11/06

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 15' SOSWM 5% WTR, 95% MUD
100' SOSWM 10% WTR, 90% MUD
20' SOSMW 80% WTR, 20% MUD
135' TOTAL FLUID

CHLOR 51,000 PPM
PH 7.5
RW .18@ 62 DEG

TOOL SAMPLE: 35% WTR, 65% MUD, OIL SPECKED



DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SIFKSB15-3DST3

TIME ON: 17:16
TIME OFF: 22:05

Company L.D. DRLG Lease & Well No. SIEFKES "B" #15-2
Contractor PETROMARK RIG 2 Charge to L.D. DRLG
Elevation 1852 GL Formation LANS K ZONE Effective Pay _____ Ft. Ticket No. M046
Date 11-6-10 Sec. 3 Twp. 22 S Range 12 W County STAFFORD State KANSAS
Test Approved By JOSH AUSTIN Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 3460 ft. to 3500 ft. Total Depth 3500 ft.
Packer Depth 3455 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3460 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set _____
Top Recorder Depth (Inside) 3449 ft. Recorder Number 30037 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 NA ft. Recorder Number NA Cap. NA P.S.I.

Mud Type CHEMICAL Viscosity 57 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 8.7 Water Loss 10.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 6,000 P.P.M. Drill Pipe Length 3315 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 40 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: WSB BUILT TO 1 1/2 INCH (NOBB)
2nd Open: NO BLOW (NOBB)

Recovered 60 ft. of DRLG MUD
Recovered 60 ft. of TOTAL FLUID
Recovered _____ ft. of _____
Recovered _____ ft. of _____

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: DRLG MUD W/ OIL SPOTS	Total

Time Set Packer(s) 7:50 P.M. A.M. P.M. Time Started Off Bottom 9:30 P.M. A.M. P.M. Maximum Temperature 94

Initial Hydrostatic Pressure..... (A) 1671 P.S.I.
Initial Flow Period..... Minutes 30 (B) 8 P.S.I. to (C) 23 P.S.I.
Initial Closed In Period..... Minutes 30 (D) 979 P.S.I.
Final Flow Period..... Minutes 20 (E) 31 P.S.I. to (F) 36 P.S.I.
Final Closed In Period..... Minutes 20 (G) 564 P.S.I.
Final Hydrostatic Pressure..... (H) 1661 P.S.I.

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DIAMOND TESTING

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name SIEFKES "B" #15-2
Unique Well ID DST#3 360-3500 LANS K
Surface Location SEC. 3-22S-12W STAFFORD CO. KS.
Field WILDCAT
Well Type Vertical

Job Number M046
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/11/06
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#3 360-3500 LANS K
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 17:16:00
Final Test Time 22:05:00

Start Test Date 2010/11/06
Final Test Date 2010/11/06

Gauge Name 30037
Test Type Name

Test Results

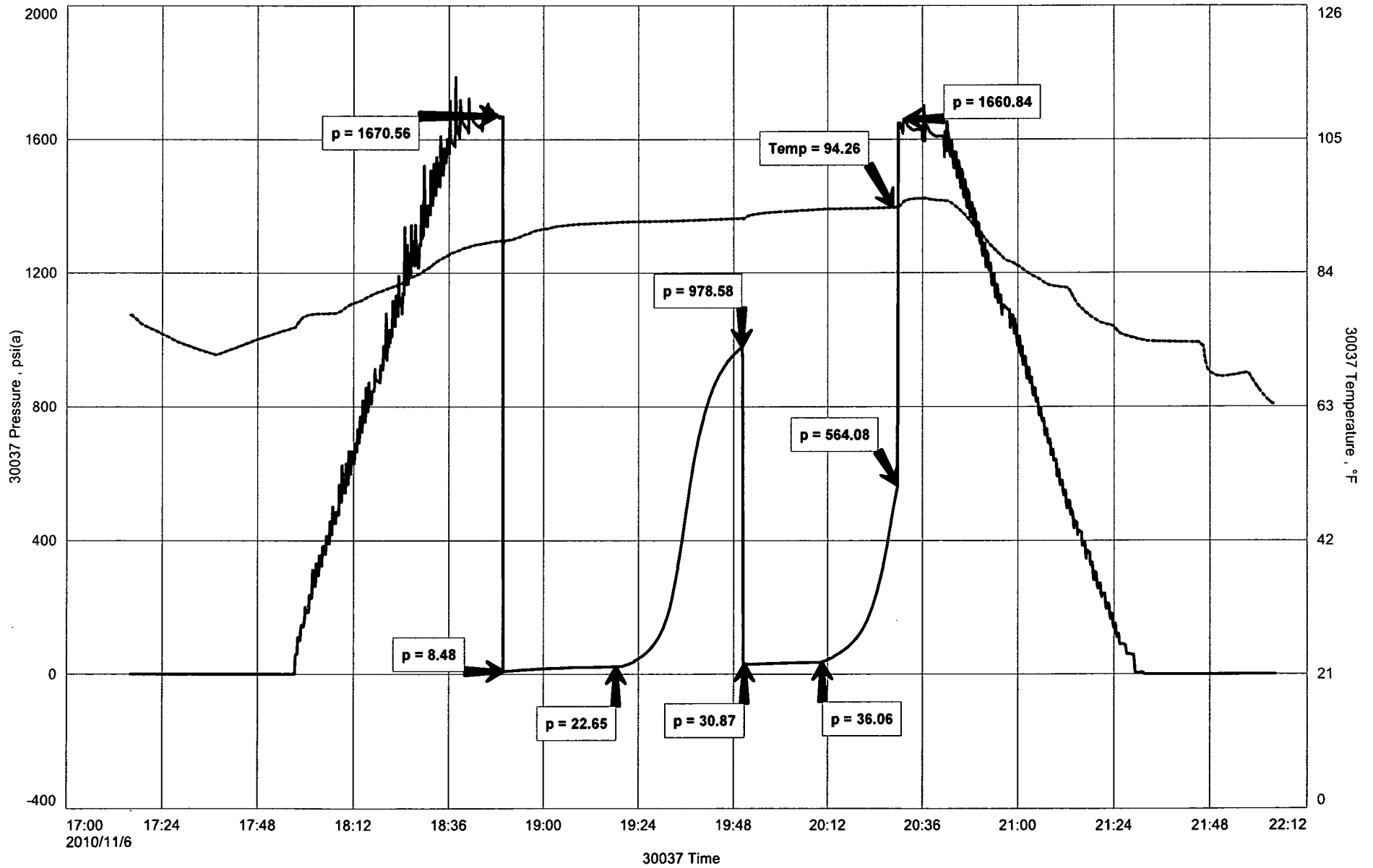
RECOVERED: 60' DRLG MUD
60' TOTAL FLUID

TOOL SAMPLE: DRLG MUD WITH OIL SPOTS

L.D. DRLG
DST#3 360-3500 LANS K
Start Test Date: 2010/11/06
Final Test Date: 2010/11/06

SIEFKES "B" #15-2
Formation: DST#3 360-3500 LANS K
Pool: WILDCAT
Job Number: M046

SIEFKES "B" #15-2





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: SIFKSB15-3DST4

TIME ON: 09:25
TIME OFF: 16:46

Company L.D. DRLG Lease & Well No. SIEFKES "B" #15-2
Contractor PETROMARK RIG 2 Charge to L.D. DRLG
Elevation 1852 GL Formation ARB Effective Pay _____ Ft. Ticket No. M047
Date 11-7-10 Sec. 3 Twp. 22 S Range 12 W County STAFFORD State KANSAS
Test Approved By JOSH AUSTIN Diamond Representative MIKE COCHRAN

Formation Test No. 4 Interval Tested from 3555 ft. to 3618 ft. Total Depth 3618 ft.
Packer Depth 3550 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3555 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3544 ft. Recorder Number 30037 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3615 ft. Recorder Number 13386 Cap. 3,875 P.S.I.
Below Straddle Recorder Depth NA ft. Recorder Number NA Cap. NA P.S.I.
Mud Type CHEMICAL Viscosity 50 Drill Collar Length 120 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 10.8 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 8,000 P.P.M. Drill Pipe Length 3410 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number N/A Test Tool Length 25 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. (32' D.P.) Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Blow: 1st Open: GSB, BOB 2 1/2 MIN (WEAK 1" BB)
2nd Open: GSB, BOB 3 1/2 MIN (WEAK 1" BB)

Recovered 540 ft. of G.I.P.
Recovered 1071 ft. of HOCM 10% GAS, 25% OIL, 35% WTR, 30% MUD
Recovered 126 ft. of MCO 3% GAS, 70% OIL, 26% WTR, 1% MUD
Recovered 189 ft. of WATER W/ THICK SCUM OF OIL
Recovered 120 ft. of WATER W/ THICK SCUM OF OIL
Recovered 1506 ft. of TOTAL FLUID GRAVITY: 68.8@60 DEG
Remarks: PH: 7.5 RW: .30@68 DEG
CHLOR: 37,000PPM
TOOL SAMPLE: WATER W/ HEAVY SCUM OF OIL

Time Set Packer(s) 10:50 A.M. A.M. P.M. Time Started Off Bottom 1:50 P.M. A.M. P.M. Maximum Temperature 114

Initial Hydrostatic Pressure..... (A) 1688 P.S.I.
Initial Flow Period..... Minutes 30 (B) 58 P.S.I. to (C) 367 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1206 P.S.I.
Final Flow Period..... Minutes 45 (E) 361 P.S.I. to (F) 629 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1208 P.S.I.
Final Hydrostatic Pressure..... (H) 1680 P.S.I.

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DIAMOND TESTING

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name SIEFKES "B" #15-2
Unique Well ID DST#4 3555-3618 ARB
Surface Location SEC. 3-22S-12W STAFFORD CO. KS.
Field WILDCAT
Well Type Vertical

Job Number M047
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/11/07
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#4 3555-3618 ARB
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 09:25:00
Final Test Time 16:46:00

Start Test Date 2010/11/07
Final Test Date 2010/11/07

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 504' G.I.P.
1071' HOCM 10% GAS, 25% OIL, 35% WTR, 30% MUD
126' MCO 3% GAS, 70% OIL, 26% WTR, 1% MUD
189' WATER W/ THICK SCUM OF OIL
120' WATER W/ THICK SCUM OF OIL
1506" TOTAL FLUID

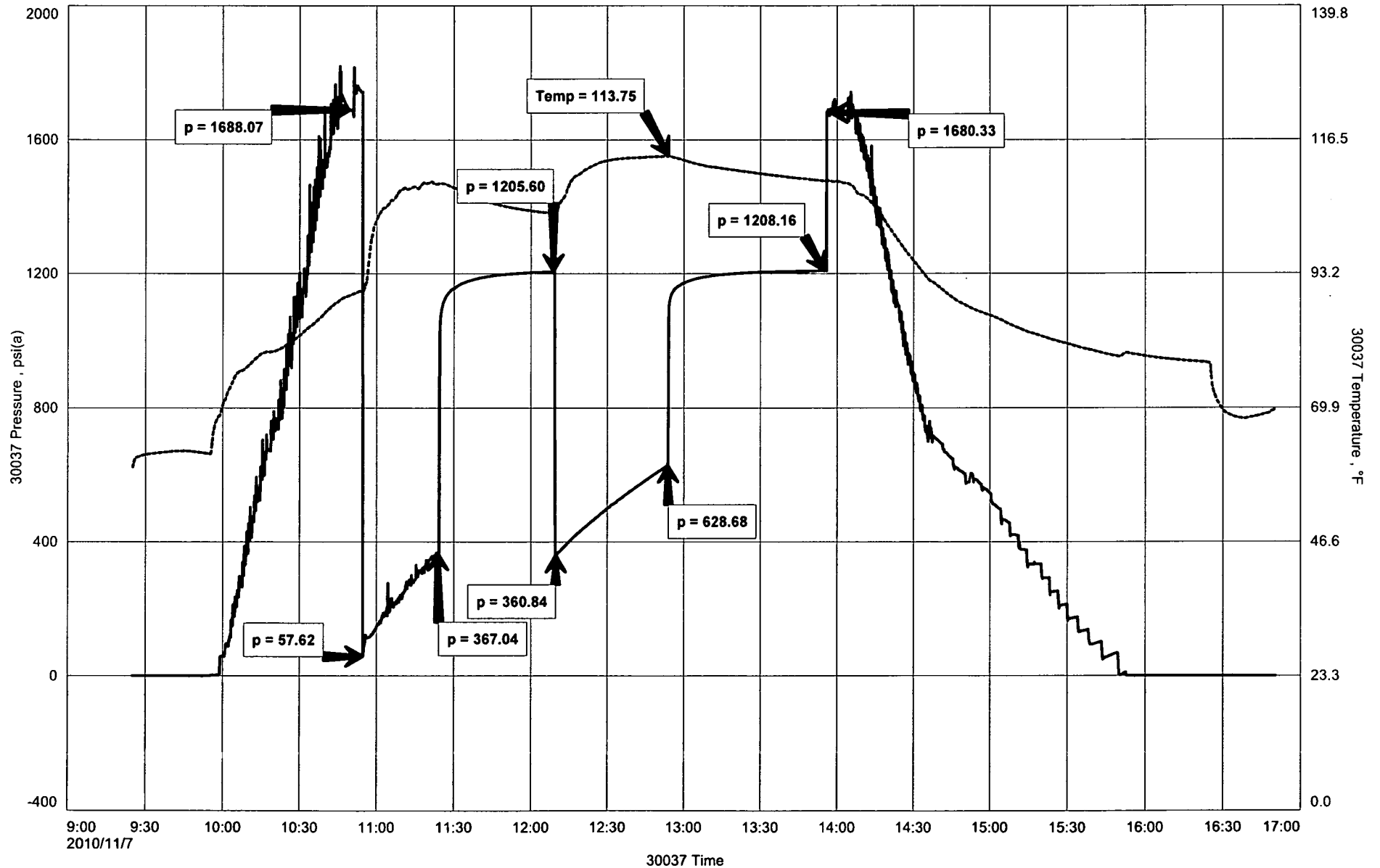
GRAVITY: 68.8 @ 60 DEG
PH: 7.5
CHLOR: 37,000 PPM
RW: .30 @ 68 DEG

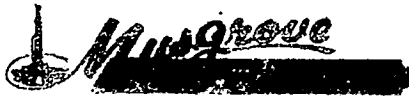
TOOLSAMPLE: WATER W/ HVY SCUM OF OIL

L.D. DRLG
DST#4 3555-3618 ARB
Start Test Date: 2010/11/07
Final Test Date: 2010/11/07

SIEFKES "B" #15-2
Formation: DST#4 3555-3618 ARB
Pool: WILDCAT
Job Number: M047

SIEFKES "B" #15-2





Office (620) 588-4250 212 Main St. • P.O. Box 215 • Claflin, KS 67525 Home (620) 587-3444

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L.D. Drilling Inc
 LEASE Siefkes "B" #15-3
 FIELD MAX
 LOCATION Sw-Se-Nw-Nu
 SEC. 3 TWP 22 RGE 12
 COUNTY Stafford STATE Kansas

ELEVATIONS
 KB 1857
 DF _____
 GL 1852
 Measurements Are All From KB

CONTRACTOR Petromack Drilling (rig #2)
 SPUD 11-01-2010 COMP 11-08-2010
 RTD 3718 L TO 3717
 MUD UP 2635 TYPE MUD Chemical Displaced

CASING SURFACE 8 5/8" @ 395
 PRODUCTION 5 1/2" @
 ELECTRICAL SURVEYS By ky-Tech
CAL/CDL Dil Micro

SAMPLES SAVED FROM 2800 TO 3718
 DRILLING TIME KEPT FROM 2800 TO 3718 RTD
 SAMPLES EXAMINED FROM 2800 TO 3718
 GEOLOGICAL SUPERVISION FROM 3080 TO 3718
 GEOLOGIST ON WELL Josh Austin

FORMATION TOPS	LOG	SAMPLES
anhydrite	638	+1219
East anhydrite	660	+1197
Meebner	3128	-1271
Toronto	3146	-1289
Douglas	3160	-1303
Brown lime	3262	-1402
Wensing	3276	-1419

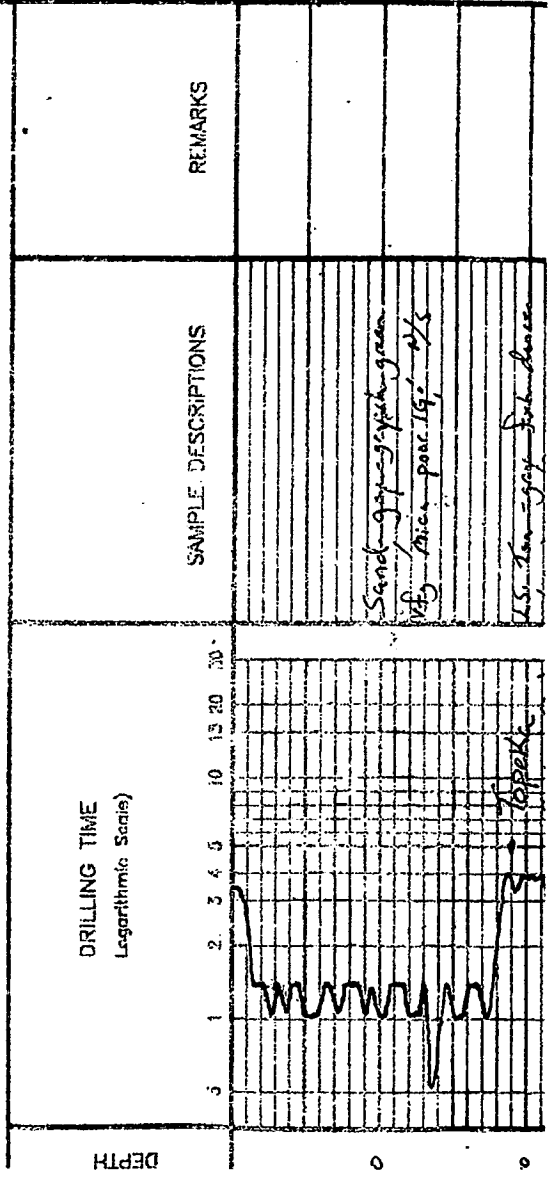
5 1/2" production casing was set and cemented at 3717

Respectfully Submitted

Joshua B. Austin
 Petroleum Geologist

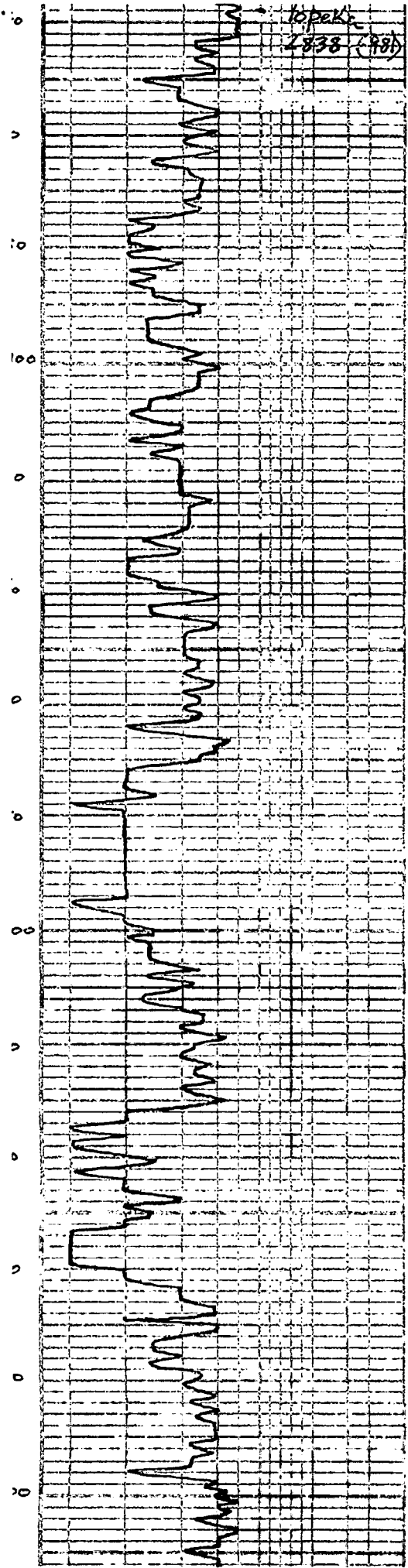
LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Cal Lime
- Chert
- Dolomite



5

6



LS Tan-grey fine dense
Slightly fiss by impact

grey soft shale

LS grey-cream fine dense
dense poor vis. sh. fiss 1/5

LS cream grey fine dense
green, few scatt. 1/5

LS Tan-cream fine dense
Ay poor vis. grey fiss
boxy 1

}}
blk carb shale

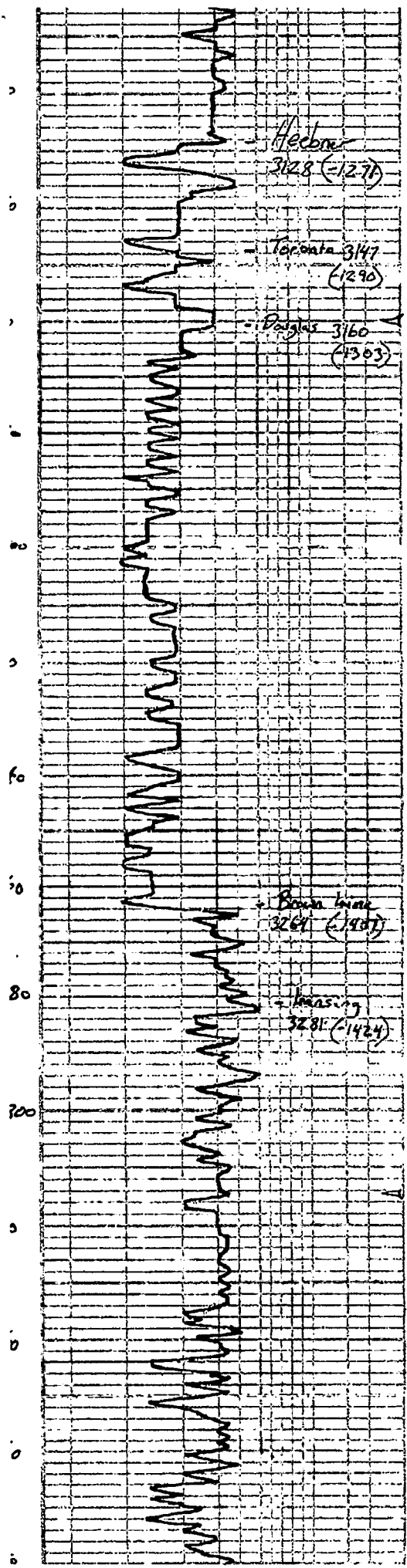
}}
Foggyish green limy sh.

LS Hazy fine matrix
few sparry calc cement 1/5

LS Tan brown finely calc chky
Sc-gd scatt fossil calc-cream
(burren)
}}
}}
LS Lt. grey fine dense slightly
chky poor vis. 1/5

blk carb sh. 1857 KB -

LS Tan-cream fine chky
Sub-cream scatt. 1/5
}}
}}
LS Tan-grey fine dense
few sparry calc foggy 1/5
}}
}}
LS Tan-cream fine dense



ls. tan - grey fine dense
foss. gran in part
+ Δ grey foss

blk carb sh

grey - mac shale

ls. tan buff fine dolomitic
scatt pp - N/S

grey - greyish green - mic sh
silty in part

grey - greyish green sh
silty slightly mic

Shale as above

fine sandy greyish green
v. mic poor lq. N/S

shale & sand aa

grey - greyish green soft sh
mic. in part

ls. brown tan grey fine dense
sl. slightly foss. N/S

ls. tan - green - dk grey slightly foss
l. silty poor lq. N/S

DST #1 3294-3360

30-45-45-60

Blow Strong 038 in 35 sec

808 blowback in 11 min

First; Strong 088 in 3 1/2 min

Strong blowback

Recovery 368' w.m

634 MW

Pressures: ISIP 712 PSI

FSIP 716 "

1.5P 75-282 "

EEP 298-474 "

NSH 1568 "

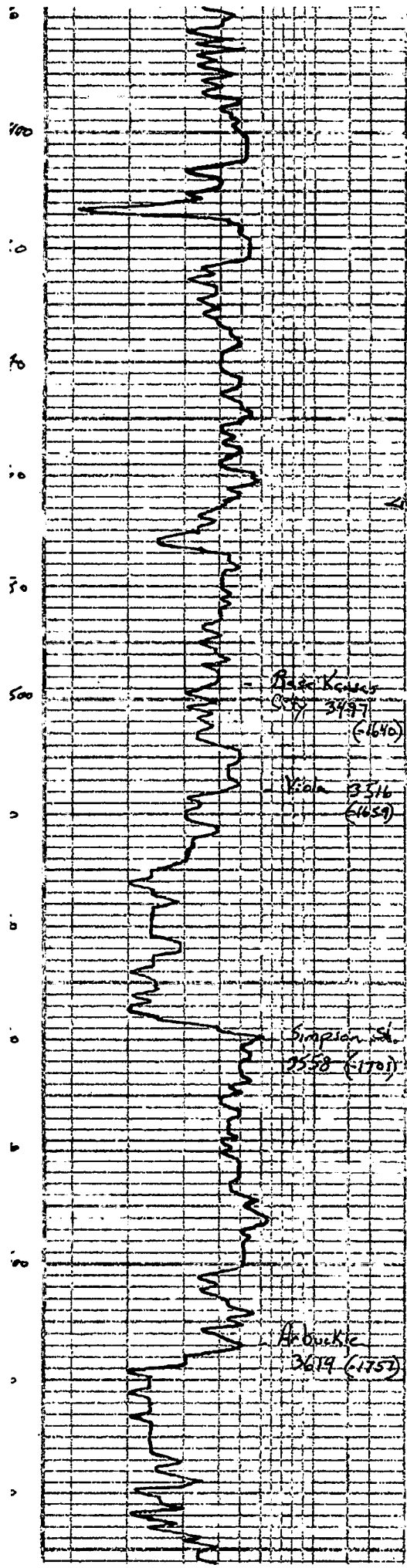
" 1545 "

ls. tan - grey fine dense
No vis. N/S

ls. grey fine dense v. sp. lq.
brown to spotty no. ft. color

ls. blk - lt. grey fine sc. sh

blk sta. N/S - No obs



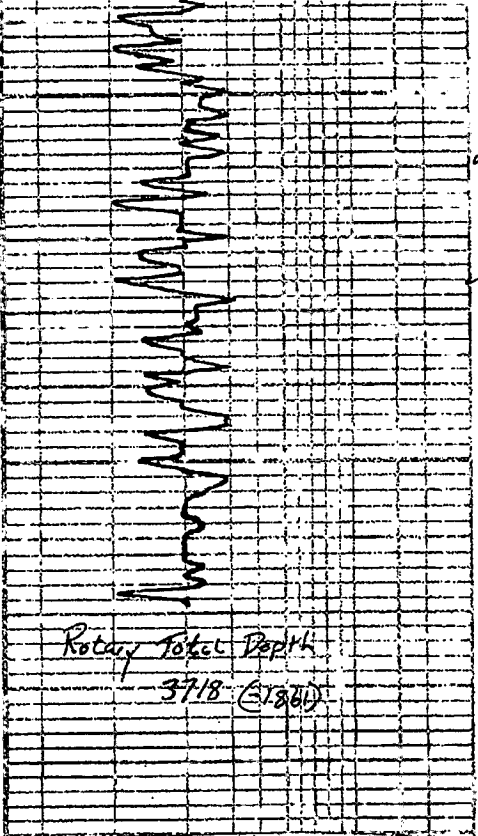
ls. tan-cm slightly calc. cherty	
Poorly dev. by impure thin str.	
PP 582 No. 20	
ls. tan calc. some by impure	
fr. some of brn str to sp. sh. fr. sh.	
ls. tan buff out poorly dev.	
brn str sp. sh. fr. sh.	
ls. tan grey-cm loss dense	
poor dev. brn str slightly	
by impure brn str	
ls. grey-tan siliceous fr. sh.	
brn-bk str sp. sh. fr. sh.	
ls. grey-cm loss dense fr. sh.	
brn-bk str sp. sh. fr. sh.	
grey-green - mar shale	
Cherty, wh. con. being few	
Some trip weathered in part	
brn-bk cherty string fr. sh.	
No. sh.	
As above	
wh. con. tan being A	
brn-bk brn str fr. sh.	
grey-green sh.	
Sand buff grey fossiliferous	
fr. sh. brn str slightly SEA sh.	
Sand of shale as above	
grey-green shale	
grey silty shale	
trace sand being grey mar. sand	
fr. sh. brn str slightly fr. sh.	
ls. tan-cm buff fossiliferous	
fr. sh. type, brn-golden brn str	
sp. fr. sh. to fr. sh.	
ls. grey-cm pink fr. sh.	
fr. sh. type, golden brn str	
fr. sh. fr. sh. by in part	
DST # 2 3420-3465	
30-30-30-30	
Blow; Weck built to 4"	
Recovery 115' sl. oil sp. sh.	
wh. mud	
20' sl. oil sp. sh.	
muddy shale	
Pressures ISIP 507 PSI	
FSIP 403 "	
FFP 11-82 "	
FFP 61-81 "	
HSH 1645 "	
1651 "	
DST # 3 3460-3500	
30-30-20-20	
Blow; Weck built to 1 1/2"	
Recovery 60' mud	
Recovery ISIP 979 PSI	
FSIP 564 "	
IFP 8-23 "	
FFP 31-36 "	
HSH 1671 "	
1661 "	
DST # 9 3555-3618	
30-45-45-60	
Blow; Strong 088 in 2 1/2 min	
Weak blow back	
fr. sh.; strong 088 in 3 1/2 min	
Weak blow back	
Recovery; 504' GIP	
1271' HOCUM	
(10% gas 85% oil 5% water 70% mud)	
126' MUCCO	
(30% gas 70% oil 26% water 1% mud)	
309' Water w/	
seams of oil	
Pressures ISIP 1206 PSI	
FSIP 1208 "	
IFP 58-367 "	
FFP 361-629 "	
UCL "	

Rainbow
3497
(1640)

Vina 3516
(1659)

Simpson sh.
3558 (1701)

Arbuckle
3619 (1757)



Rotary Total Depth
3718 (1861)

Vol. 90-100-1000 1/2 med. sh.	1000 1/2
low to 100-1000 type Golden brown sh.	FSIP 1208 "
to 100-1000 type Golden brown sh.	IFP 58-367 "
to 100-1000 type Golden brown sh.	FFP 361429 "
	HSH 1688 "
	-1688
domin. by 100-1000 type Golden brown sh.	
to golden brown brown sh. NSEA very	
weak also. Dry sand sh.	
dom. with 100-1000 type Golden brown sh.	
to brown sh. ? ? ? ? ? ? ? ? ? ?	
domin. by 100-1000 type Golden brown sh.	
Poor vis. Dry sh.	
domin. by 100-1000 type Golden brown sh.	
to shaly sh. 1/2	