



KANSAS CORPORATION COMMISSION 1051574
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: KIM SHOEMAKER
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>10/25/2010</u>	<u>10/31/2010</u>	<u>11/04/2010</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23639-00-00

Spot Description: _____
NW_SW_NE_SW Sec. 35 Twp. 21 S. R. 12 East West
1,866 Feet from North / South Line of Section
1,494 Feet from East / West Line of Section

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

County: Stafford
Lease Name: IRVIN Well #: 1-35

Field Name: _____
Producing Formation: ARBUCKLE

Elevation: Ground: 1831 Kelly Bushing: 1834
Total Depth: 3690 Plug Back Total Depth: 3662
Amount of Surface Pipe Set and Cemented at: 343 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____

Location of fluid disposal if hauled offsite:
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 03/08/2011



1051574

Operator Name: L. D. Drilling, Inc. Lease Name: IRVIN Well #: 1-35
 Sec. 35 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: DUAL COMPENSATED POROSITY LOG DUAL INDUCTION LOG SONIC CEMENT BOND LOG	<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	8.625	24	343	A-CON	175	2%Gel,3%CC,1/4#CF
SURFACE - CONT	12.25	8.625	24	343	COMMON	200	
PRODUCTION-USED	7.875	5.5	14	3684	60/40 POZMIX	180	18%Salt,5%CF5,5#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	3580 - 3584'; 3590 - 3594'	750 gal 20% NE Acid	

TUBING RECORD: Size: <u>2.3450</u> Set At: <u>3659</u> Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>11/04/2010</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 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 <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	IRVIN 1-35
Doc ID	1051574

Tops

TOPEKA	2809	-975
HEEBNER	3100	-1266
BROWN LIME	3233	-1399
LANSING	3255	-1421
BASE KANSAS CITY	3485	-1651
VIOLA	3508	-1674
SIMPSON	3532	-1698
ARBUCKLE	3578	-1744



BASIC[™]
ENERGY SERVICES

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

PRESSURE PUMPING & WIRELINE

0040245810
FIELD SERVICE TICKET
1718 02684 A

DATE _____ TICKET NO. _____

DATE OF JOB 10-26-10 DISTRICT 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 G.O. Drilling INC		LEASE IRVIN #1-35 WELL NO.							
ADDRESS		COUNTY Stafford 35-12-21 STATE KANSAS							
CITY STATE		SERVICE CREW A. Worth							
AUTHORIZED BY		JOB TYPE: 8 5/8" Surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
28443 PM	1						10-26-10	PM	1800
33706-20920	1					ARRIVED AT JOB	10-26-10	PM	300
19959-21010	1					START OPERATION	10-26-10	PM	400
						FINISH OPERATION	10-26-10	PM	500
						RELEASED	10-26-10	PM	530
						MILES FROM STATION TO WELL	4.5 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
CP101	A-con Blend	SK	17.5		\$ 5150.00
CP100	Common	SK	700		\$ 3200.00
CC102	cell Flake	lb	94		\$ 242.00
CC109	Calcium Chloride	lb	10.59		\$ 1111.96
CC200	Concret Gel	lb	37.5		\$ 94.00
CF153	Wooden cement Plug 8 5/8"	EA	1		\$ 160.00
E100	Unit mileage charge Pickup	mi	45		\$ 181.25
E101	Heavy Equip mileage	mi	90		\$ 630.00
E113	Bulk Delivery Charge	Ton	794		\$ 1270.00
CB200	Depth Charge 0-500'	4hrs	1		\$ 1000.00
CB240	Blending & mixing Service Charge	SK	37.5		\$ 520.00
CB509	Plug Container Utilization Charge	Job	1		\$ 252.00
S002	Service Supervisor first 2hrs on loc	EA	1		\$ 175.00
SUB TOTAL					82474.06

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		8474 06

DLS

SERVICE REPRESENTATIVE **Alan F. Worth** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: **Lee B. Spence**
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>L.O. Drilling INC</i>	Lease No.	Date <i>10-26-70</i>
Lease <i>IRVIN</i>	Well # <i>1-35</i>	
Field Order # <i>02684A</i>	Station <i>Pratt KS</i>	Casing " <i>8 5/8</i>
Type Job <i>8 5/8 SURFACE</i>	Formation <i>CNW T0348</i>	Depth <i>348</i>
		County <i>Stafford</i>
		State <i>KANS</i>
		Legal Description <i>35-27-12</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft	<i>1755Ks</i>	Acid	<i>A-con @ 12.6%</i>	RATE	PRESS	ISIP
Depth <i>348</i>	Depth	From	To <i>200 sks</i>	Pre Pad	<i>Common 2% gel / 3% cc / 1/4" cell</i>	Max		5 Min
Volume <i>20.858</i>	Volume	From	To	Pad		Min		10 Min.
Max Press # <i>300</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <i>328</i>	Packer Depth	From	To	Flush <i>Disp H2O</i>		Gas Volume		Total Load

Customer Representative	Station Manager <i>scotty</i>	Treater <i>Allen F. Werth</i>
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Service Units	<i>78443</i>	<i>33706</i>	<i>20920</i>	<i>19959</i>	<i>21060</i>				
Driver Names	<i>W. Werth</i>	<i>Steve</i>	<i>Orlando</i>	<i>BRAD</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>300</i>					<i>ON Loc. Discuss Safety, Setup, Paw-Job</i>
<i>315</i>					<i>Pulling. Collars out of Hole</i>
<i>330</i>					<i>out of Hole w/Bit</i>
<i>345</i>					<i>start 8 5/8 casing 24"</i>
<i>400</i>					<i>casing @ 348' Hookup cir w/ Rig</i>
<i>430</i>	<i>100#</i>		<i>66</i>	<i>5</i>	<i>start mix 1755Ks A-con @ 12.6%</i>
				<i>5</i>	<i>start mix 2008Ks common with 2% gel, 3% cc, 1/4" cell</i>
			<i>48</i>		<i>FINISH mix - Prop 8 5/8 wooden Plug.</i>
<i>450</i>				<i>5</i>	<i>start Disp</i>
<i>500</i>	<i>300#</i>		<i>21</i>	<i>3</i>	<i>Plug down - Shut in @ well</i>
					<i>Release PSI.</i>
					<i>washup + Backup Equip.</i>
					<i>Job complete.</i>
					<i>(ent cir. To Pit)</i>
					<i>Thanks Allen Steve Brad</i>



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 02794 A

DATE _____ TICKET NO. _____

DATE OF JOB 10-31-10 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		LEASE IRVIN WELL NO. 1-35							
ADDRESS		COUNTY STAFFORD STATE KS							
CITY STATE		SERVICE CREW HG LUCAS, DAVE							
AUTHORIZED BY		JOB TYPE: CNW - LOWSIPAWG							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
19907							10-31		1600
						ARRIVED AT JOB		AM	1230
						START OPERATION		AM	2230
27463	1/2					FINISH OPERATION		AM	2330
19960	1/2					RELEASED		AM	2400
19918	1/2					MILES FROM STATION TO WELL			50

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

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF103	60/40 P62	150	SK		1800.00
CF103	60/40 P02	30	SK		360.00
CC102	CELLULOSIC	38	lb		140.60
CC111	5W1	1334	lb		667.00
CC112	CFR	63	lb		390.00
CC201	6 IN SOWITE	750	lb		502.50
CF103	5/16 TOP RUBBER PLUG	1	EACH		105.00
CF251	5/16 GUIDE SHOE	1	EACH		250.00
CF1451	5/16 HW DOWEL PLUG	1	EACH		215.00
CF1651	5/16 TURBOLEVER	5	EACH		550.00
C704	CS-12 HALL	1	gal		35.00
CC151	MUD FOAM	500	gal		430.00
E100	PICKUP MILE	45	mile		191.25
E101	TRUCK MILE	90	mile		630.00
E113	FUEL DELIVERY	349	gm		558.00
CE204	PUMP OIL	1	EACH		2160.00
CE240	BLEND OIL	180	SK		252.00
CE504	PLUG CONTAINER	1	EACH		250.00
5003	SERVO SUPERVISOR OIL	1	EACH		175.00

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		6473.10

SERVICE REPRESENTATIVE K CONNOR	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: L D DRILLING (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer LD DREILING	Lease No.	Date 10-31-10
Lease ERVIN	Well # 1-35	
Field Order 274	Station PRATT KS	Casing 5 1/2
Type Job CNW - LONG STRING	Depth 3684	County SUTTONS
	Formation TD - 3690'	State KS
		Legal Description 35-21-12

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
5 1/2							
Depth 3684	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Rad	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 3071	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative LD	Station Manager SEARCY	Treater COWLEY
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Service Units 19940	27463	19960-19918			
Driver Names MG	LUCAS	WATKINS			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1230					ON LOCATION
					RUN 3680 5 1/2 CSC 92 JTS
					GUIDE SHOE INSERT 1 ST COLUMN
					CEMT. - 1-3-5-7-9
2145					THRU BOTTOM - DROP BACK - CIRC
					SET 5 1/2 AT 3684' w/ COLUMN AT G.L.
2300	300		20	6	PLUM 20 bbl 2% HCL A20
	300		12	6	PLUM 12 bbl MAND FLUSH
	300		3	6	PLUM 3 bbl H2O
	200		31	6	PLUM 150 SK 60/40 P02
					18% SACT, 1/2% CFB, 5% CDS 1/4" CF
					STOP - WASH LINE - DROP PUMP
	0		0	6	SITTING DISP.
	200		72	6	LIFT CEMENT
	600		80	3	SLOW RATE
2330	1000		89.7	3	PLUM DOWN - H2O?
					PLUM 30 SK 60/40 P02
2400					JOB COMPLETE
					REVEN

DIAMOND TESTING

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name IRVIN #1-35
Unique Well ID DST#1 3525-3587 ARB
Surface Location SEC 35-21S-12W STAFFORD CO. KS
Field WILDCAT
Well Type Vertical

Job Number M042
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/10/30
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#1 3525-3587 ARB
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 07:14:00
Final Test Time 14:28:00

Start Test Date 2010/10/30
Final Test Date 2010/10/30

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 1422' GIP
90' HOCM 49% OIL, 51% MUD
121' MCO 2% GAS, 62% OIL, 36% MUD
211' TOTAL FLUID

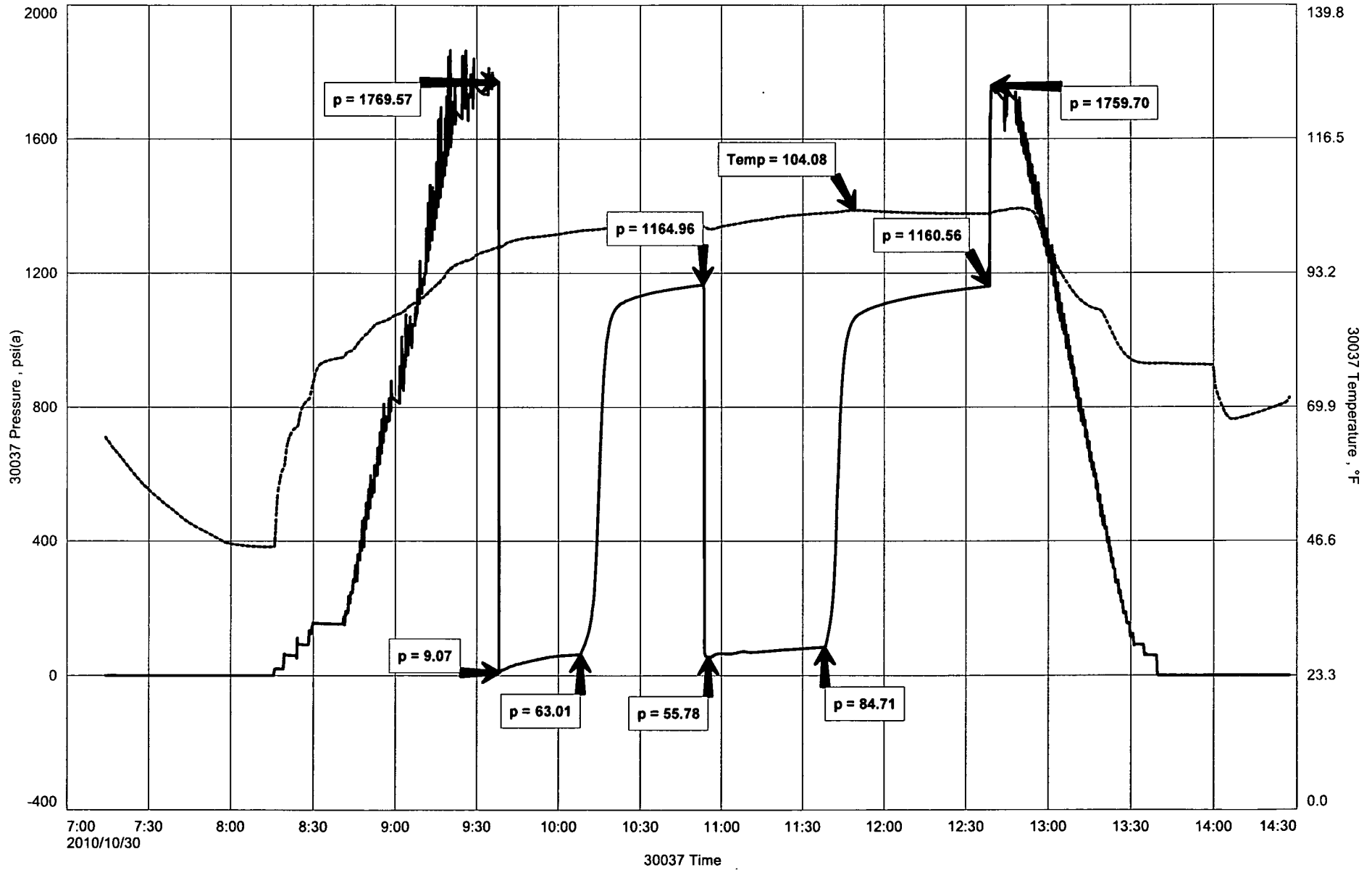
TOOL SAMPLE: 75% OIL, 25% MUD

GRAVITY 41.0 @ 60 DEG

L.D. DRLG
DST#1 3525-3587 ARB
Start Test Date: 2010/10/30
Final Test Date: 2010/10/30

IRVIN #1-35
Formation: DST#1 3525-3587 ARB
Pool: WILDCAT
Job Number: M042

IRVIN #1-35





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: IRVN1-35DST1

TIME ON: 07:14

TIME OFF: 14:28

Company L.D. DRLG Lease & Well No. IRVIN #1-35
Contractor PETROMARK RIG 2 Charge to L.D. DRLG
Elevation 1834 KB Formation ARB Effective Pay _____ Ft. Ticket No. M042
Date 10-30-10 Sec. 35 Twp. _____ 21 S Range _____ 12 W County STAFFORD State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3525 ft. to 3587 ft. Total Depth 3587 ft.
Packer Depth 3520 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3525 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3507 ft. Recorder Number 30037 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3584 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 121 ft. I.D. 2 1/4 in.
Weight 9.4 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 3,000 P.P.M. Drill Pipe Length 3372 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 62 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, BOB 11 MIN. (NOBB)
2nd Open: GSB, BOB 2 1/2 MIN. (5" BB)

Recovered 1422 ft. of G.I.P.
Recovered 90 ft. of HOCM 49% OIL, 51% MUD
Recovered 121 ft. of MCO 2% GAS, 62% OIL, 36% MUD
Recovered 211 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: _____	Insurance
TOOL SAMPLE: 75 % OIL, 25% MUD	Total

Time Set Packer(s) 9:35 A.M. A.M. P.M. Time Started Off Bottom 12:35 P.M. A.M. P.M. Maximum Temperature 104

Initial Hydrostatic Pressure..... (A) 1770 P.S.I.
Initial Flow Period..... Minutes 30 (B) 9 P.S.I. to (C) 63 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1165 P.S.I.
Final Flow Period..... Minutes 45 (E) 56 P.S.I. to (F) 84 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1161 P.S.I.
Final Hydrostatic Pressure..... (H) 1760 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

Drill Test Report

General Information

Company Name L.D. DRLG

Contact L.D. DAVIS
Well Name IRVIN #1-35
Unique Well ID DST#2 3584-3594 ARB
Surface Location SEC 35-21S-12W STAFFORD CO. KS
Field WILDCAT
Well Type Vertical

Job Number M043
Representative MIKE COCHRAN
Well Operator L.D. DRLG
Report Date 2010/10/30
Prepared By MIKE COCHRAN

Test Information

Test Type CONVENTIONAL
Formation DST#2 3584-3594 ARB
Well Fluid Type 01 Oil
Test Purpose (AEUB)

Start Test Time 19:39:00
Final Test Time 03:09:00

Start Test Date 2010/10/30
Final Test Date 2010/10/31

Gauge Name 30037
Test Type Name

Test Results

RECOVERED: 3242' G.I.P. (GTS)
189' CLEAN OIL
91' CLEAN OIL
30' MUDDY OIL, 98% OIL, 2% MUD
310' TOTAL FLUID

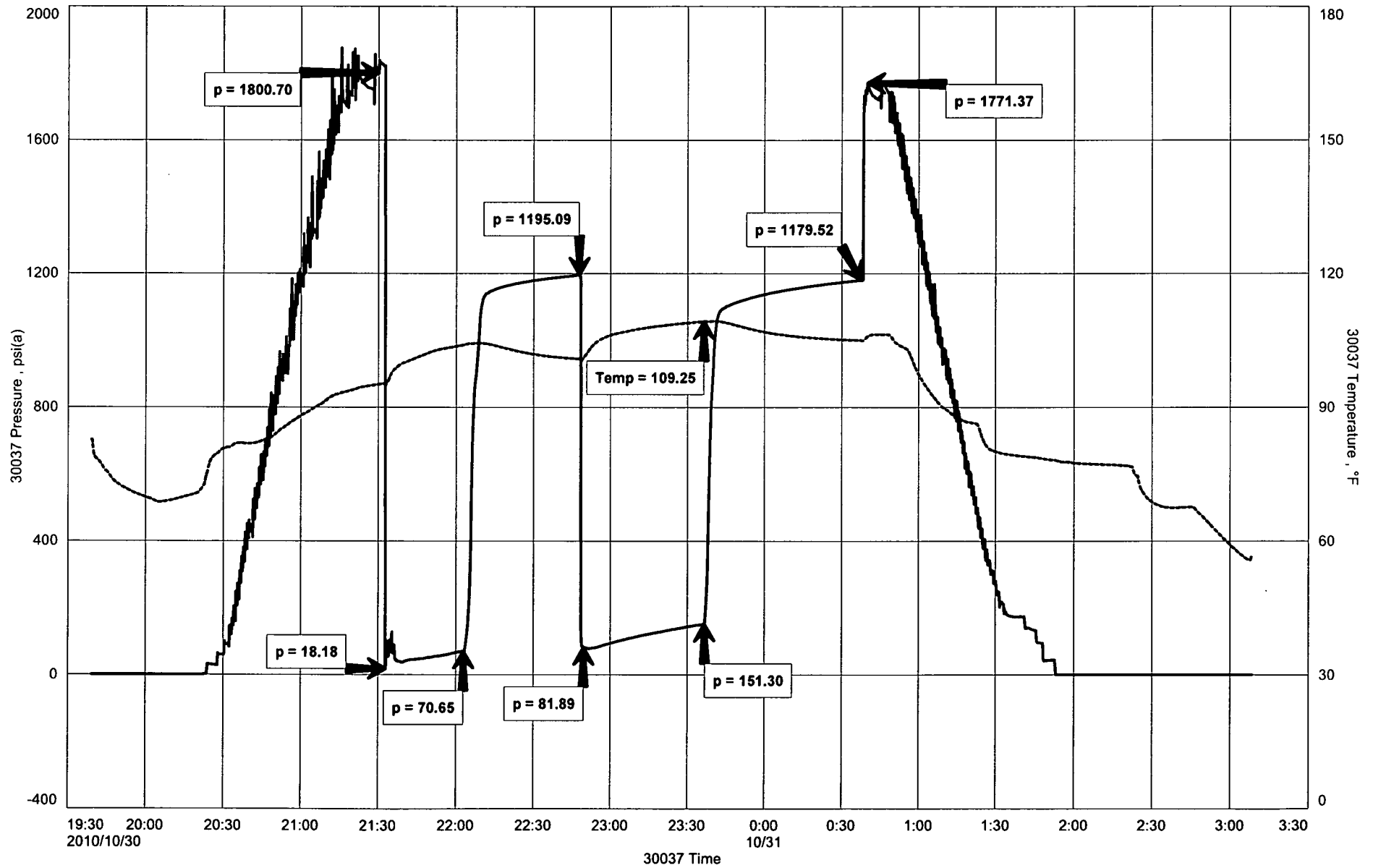
TOOL SAMPLE 100% GAS

GRAVITY: 41.9 @ 60 DEG

L.D. DRLG
DST#2 3584-3594 ARB
Start Test Date: 2010/10/30
Final Test Date: 2010/10/31

IRVIN #1-35
Formation: DST#2 3584-3594 ARB
Pool: WILDCAT
Job Number: M043

IRVIN #1-35





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(800) 542-7313
DRILL-STEM TEST TICKET
FILE: IRVN1-35DST2

TIME ON: 19:39 (10-30)
TIME OFF: 03:09 (10-31)

Company L.D. DRLG Lease & Well No. IRVIN #1-35
Contractor PETROMARK RIG 2 Charge to L.D. DRLG
Elevation 1834 KB Formation ARB Effective Pay _____ Ft. Ticket No. M043
Date 10-30-10 Sec. 35 Twp. 21 S Range 12 W County STAFFORD State KANSAS
Test Approved By KIM SHOEMAKER Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3584 ft. to 3594 ft. Total Depth 3594 ft.
Packer Depth 3579 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Packer Depth 3584 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3566 ft. Recorder Number 30037 Cap. 5,000 P.S.I.
Bottom Recorder Depth (Outside) 3591 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 61 Drill Collar Length 121 ft. I.D. 2 1/4 in.
Weight 9.2 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.
Chlorides 2,600 P.P.M. Drill Pipe Length 3431 ft. I.D. 3 1/2 in.
Jars: Make STERLING Serial Number 1 Test Tool Length 32 ft. Tool Size 3 1/2-IF in.
Did Well Flow? NO Reversed Out NO Anchor Length 10 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, BOB 4 MIN (BB BOB)
2nd Open: WSB, BOB 4 MIN GAS BURNED NICELY, YELLOW (BB BOB)

Recovered 3242 ft. of G.I.P. (GTS)
Recovered 189 ft. of CLEAN OIL
Recovered 91 ft. of CLEAN OIL
Recovered 30 ft. of MUDDY OIL 98% OIL, 2% MUD

Recovered <u>310</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of _____	Other Charges
Remarks: <u>GRAVITY: 41.9@ 60 DEG</u>	Insurance
TOOL SAMPLE: <u>100% GAS</u>	Total

Time Set Packer(s) 9:30 P.M. ^{A.M.}/_{P.M.} Time Started Off Bottom 12:30 A.M. ^{A.M.}/_{P.M.} Maximum Temperature 109

Initial Hydrostatic Pressure..... (A) 1801 P.S.I.
Initial Flow Period..... Minutes 30 (B) 18 P.S.I. to (C) 71 P.S.I.
Initial Closed In Period..... Minutes 45 (D) 1195 P.S.I.
Final Flow Period..... Minutes 45 (E) 82 P.S.I. to (F) 151 P.S.I.
Final Closed In Period..... Minutes 60 (G) 1180 P.S.I.
Final Hydrostatic Pressure..... (H) 1771 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.

KIM B. SHOEMAKER

CONSULTING GEOLOGIST

316-664-5705 WICHITA, KANSAS

GEOLOGIST REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L. D. DRILLING, INC.

LEASE # 1-35 IRVIN

FIELD MAX

LOCATION 1826' FSL & 1517' FWL

35 15 21s 12w

COUNTY STAFFORD STATE KANSAS

PETROMARK R16 2

10-25-10 COMP. 10-31-10

3690 LTD. 3691

MUD UP 2800 TYPE NO CHEMICAL

ELEVATIONS

KB 1834

DF _____

SI 1829

Measurements Are All Feet 1834 KB

CASING 8 5/8" @ 343'

LAND SURVEY 5 1/2" @

ELECTRICAL SURVEYS
DUAL IND, N-DENS.

SAMPLES SAVED FROM 3000 TO 3690

DRILLING TIME KEPT FROM 2800 TO 3690

ROCKS EXAMINED FROM 3000 TO 3690

GEOLOGICAL SUPERVISION FEET FROM 3100 TO 3690

GEOLOGIST ON WELL KIM B. SHOEMAKER










FORMATION TOPS	LOG	SAMPLES
ANHYDRITE	Not Present	
TOPEKA	2809-975	2809-975
HEEBNER	3100-1246	3101-1247
BROWN LIME	3233-1399	3232-1398
LANSING	3255-1421	3255-1421
B/KC	3485-1651	3484-1650
VIOLA	3508-1674	3507-1673



API: 15-185-23639

2-APUD
348
550
572
267
187
20
90

LEGEND

-  Anhydrite
-  Soil
-  Sandstone
-  Shale
-  Coal sh.
-  Limestone
-  Col. Lime
-  Chert
-  Dolomite

DRILLING TIME IN MINUTES
PER FOOT
Rate of Penetration In Inches

5' 10' 15' 20' 25'

DEPTH
150'

SAMPLE DESCRIPTIONS

REMARKS

00

50

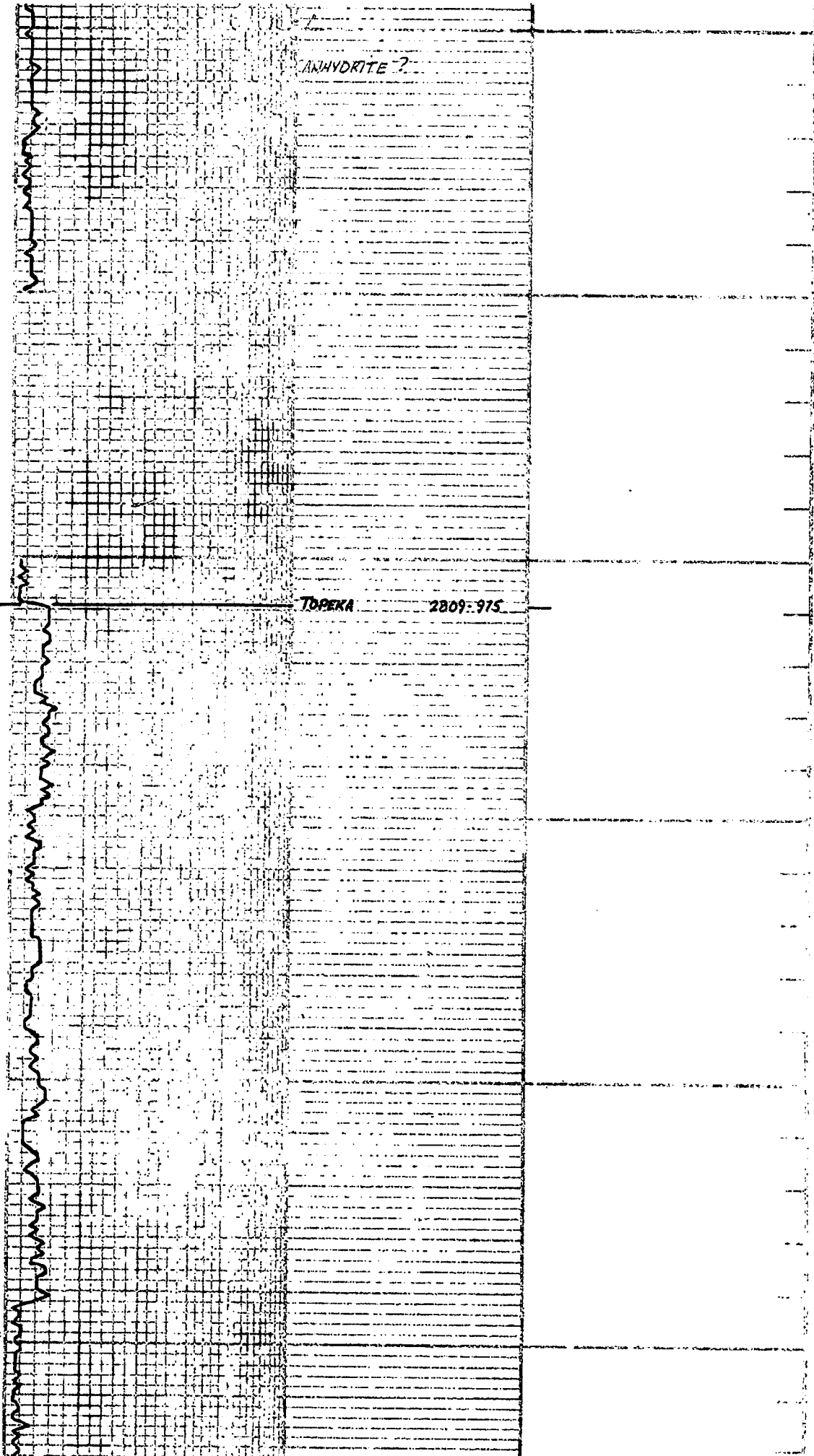
100

5

ANHYDRITE ?

TOPEKA

2809-975



1000

Samples are Lagged

ls. Tully Foss.

Sh. DEg.

ls. Tully. Sh. Foss. Sh. A.

ls. wt. chly.

ls. Tully. Sh. Foss. Sh. Chly.

Sh. G.

ls. Tully. Foss. and. V. Sh. Chly.

ls. wt. chly.

ls. wt. chly. Sh. Chly.

ls. Tully. Sh. Foss.

Sh. DEg. Blk.

HEEBNER 3101-1267

Sh. Blk Carb. (3120)

ls. Per. Sh. Foss.

Sh. Lt. Blue. L.

ls. Tully. V. Foss. and. Sh. Foss. Sh. Chly.

ls. wt. sh. ool. V. Chly.

Sh. G. G. Silty.

Sh. Lt. G. Silty.

Sh. G. G.

Sh. Lt. G. Silty. Sh.

Sh. G. G.

BROWN LIME 3232-1398

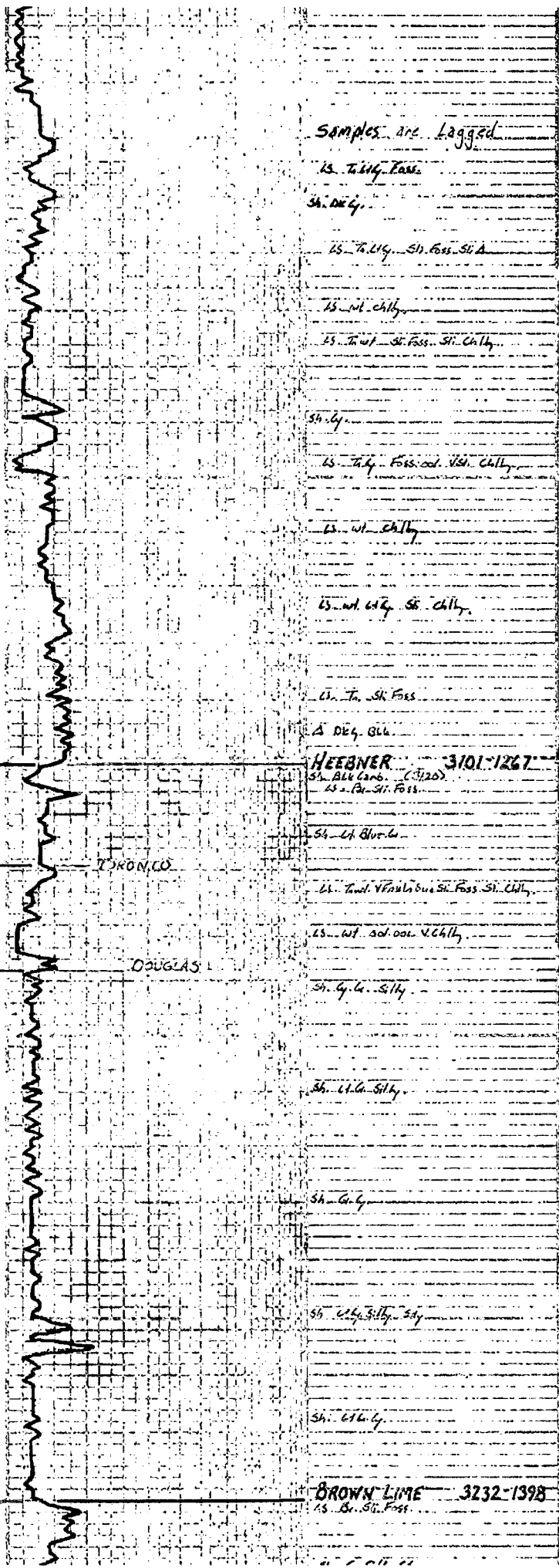
ls. B. Sh. Foss.

5100

TIRON, CO.

DOUGLAS

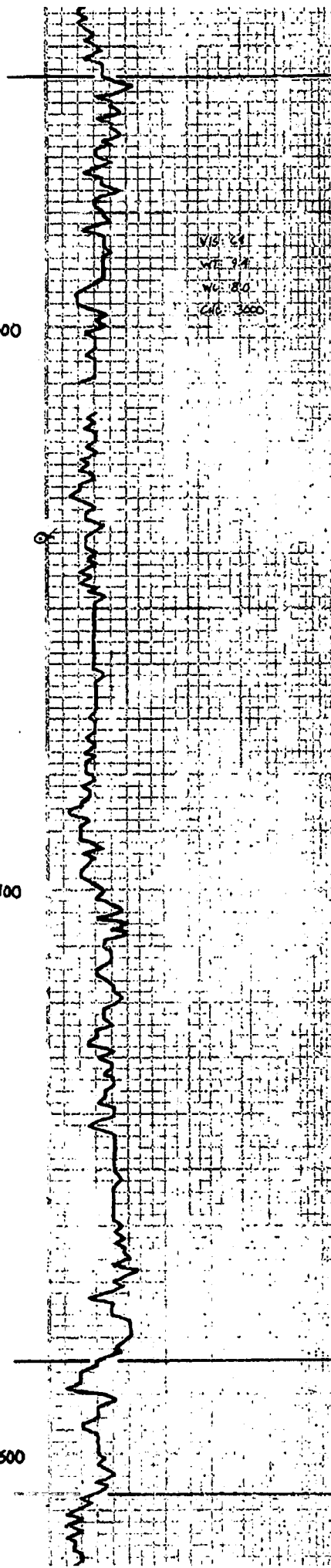
5200



3300

3100

3500

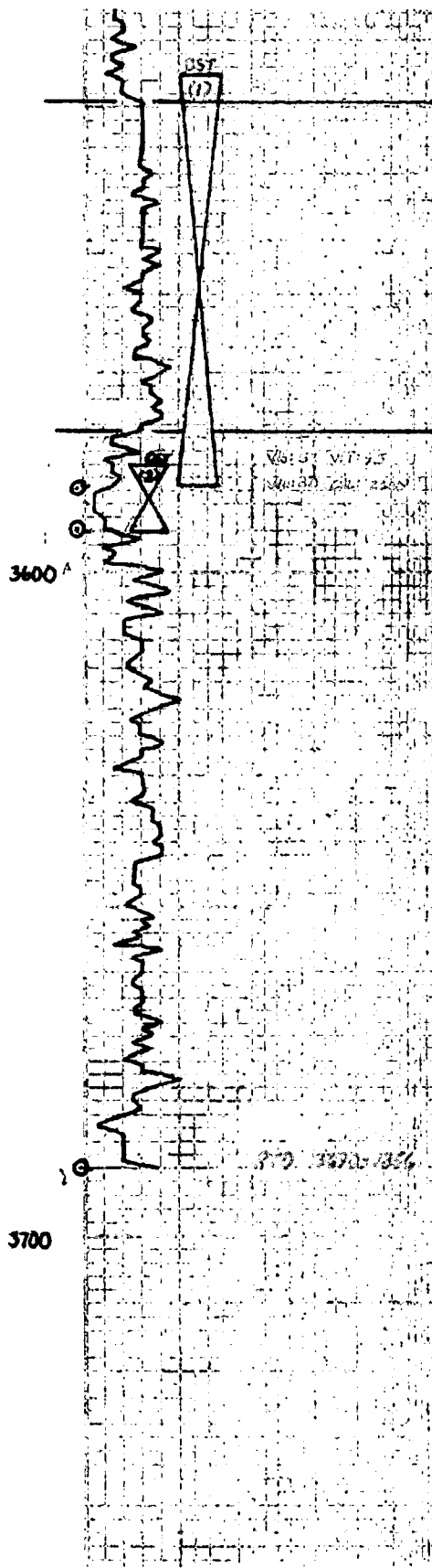


Sh. Blue. Silty
LANSING 3255-1421
 Ls. F. Sh. Blue. Silty A.
 Ls. F. Sh. Blue. Silty A.
 Sh. Blue. Silty
 Ls. F. Sh. Blue. Silty A.
 Ls. F. Sh. Blue. Silty A.
 Sh. G.
 Ls. F. Sh. Blue. Silty A. No. 0661 (3310)
 Ls. F. Sh. Blue. Silty A.
 Ls. F. Sh. Blue. Silty A.
 Sh. G. Blue. Silty
 Ls. F. Sh. Blue. Silty A. No. 0661 (3330)
 Sh. G.
 Ls. F. Sh. Blue. Silty A. No. 0661 (3377 30)
 Ls. G. Silty
 A. Wt.
 Ls. F. Sh. Blue. Silty A.
 A. Wt.
 Ls. F. Sh. Blue. Silty A.
 Sh. G. Blue
 Ls. F. Sh. Blue. Silty A.
 A. Wt.
 Sh. G. Blue
 Ls. F. Sh. Blue. Silty A.
 Sh. G. Blue
 Ls. F. Sh. Blue. Silty A.
 Ls. F. Sh. Blue. Silty A.
 Sh. G. Blue
 Ls. F. Sh. Blue. Silty A.
 Ls. F. Sh. Blue. Silty A.
 Sh. G. Blue
 Ls. F. Sh. Blue. Silty A.
 Ls. F. Sh. Blue. Silty A.
 Sh. G. Blue
 Ls. F. Sh. Blue. Silty A.
B.K.C. 3484-1650
 Sh. G. Blue
 Ls. F. Sh. Blue. Silty A.
 A. Wt.
V1028 3507-1373
 A. Wt.
 Ls. F. Sh. Blue. Silty A.

V1028
 Wt. 10.0
 Wt. 10.0
 Calc. 3550

Ls. F. Sh. Blue. Silty A. No. 0661 (3310)

A. Wt.



4-28-66. 1/2" Top, R. 100 ft. Dr. Blk. W.
 VSB, VSPR, No. 100 ft. 100 ft.

SIMPSON. 3529-1685
 Sh. Lt. Lt.
 sh. bluish-yellow
 sh. bluish-yellow, G.
 sh. Ty. Yellow Blue, G. f. Blue
 sh. Tan
ARBOSKLE 3579-1775
 Del. 74 75 26. 500. P. 100 ft. 100 ft. 100 ft. 100 ft.
 Del. 74 75 26. 500. P. 100 ft. 100 ft. 100 ft. 100 ft.
 Del. 74 75 26. 500. P. 100 ft. 100 ft. 100 ft. 100 ft.
 Del. 74 75 26. 500. P. 100 ft. 100 ft. 100 ft. 100 ft.
 Del. 74 75 26. 500. P. 100 ft. 100 ft. 100 ft. 100 ft.
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 Del. 74 75 26. 500. P. 100 ft. 100 ft. 100 ft. 100 ft.
 Del. 74 75 26. 500. P. 100 ft. 100 ft. 100 ft. 100 ft.
 Del. 74 75 26. 500. P. 100 ft. 100 ft. 100 ft. 100 ft.
 Del. 74 75 26. 500. P. 100 ft. 100 ft. 100 ft. 100 ft.

DST (1) 3525-3597
 1800 ft. Bottom bucket 11 min BB: None
 2000 ft. " 7 1/2 " BB: 5"

30-45-45-60
 Rec. 1422' G.P.P.
 27' NCO (27' H) 27' H)
 TT: 211
 RR: 9-63
 SR: 116"
 SIP: 116"
 Temp: 104.8°

DST (2) 3534-3594
 1800 ft. Bottom bucket 7 min BB: Bottom 100 ft
 2000 ft. " " 12 1/2 min. BB:

30-45-45-60
 Rec. 250' 20 1125' 27' H)
 30340 (27' H) 27' H)
 TT: 310'
 RR: 671
 SR: 118"
 SIP: 118"
 Temp: 109.25°

3600 A
 3700