



KANSAS CORPORATION COMMISSION 1059718
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: _____

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 #: _____
05/04/2011 05/10/2011 06/08/2011
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-009-25554-00-00
Spot Description: _____
S2 NW SE SW Sec. 19 Twp. 16 S. R. 13 East West
800 Feet from North / South Line of Section
1650 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: SALVINO Well #: 1-19
Field Name: TRAPP
Producing Formation: ARBUCKLE
Elevation: Ground: 1951 Kelly Bushing: 1954
Total Depth: 3520 Plug Back Total Depth: 3494
Amount of Surface Pipe Set and Cemented at: 474 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: 5000 ppm Fluid volume: 0 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 Gantso Date: 08/18/2011



1059718

Operator Name: L. D. Drilling, Inc. Lease Name: SALVINO Well #: 1-19
 Sec. 19 Twp. 16 S. R. 13 East West County: Barton

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

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<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 Attached	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 <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run: DUAL COMPENSATED POROSITY LOG DUAL INDUCTION LOG SONIC CEMENT BOND LOG				

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	474	60/40 POZMIX	350	3%CC,2%Gel,1/4#Flowsea
PRODUCTION	7.875	5.5	14	3520	60/40 POZMIX	180	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD	-			
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	3413 - 3417'	350 gal 20% NE Acid	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	SALVINO 1-19
Doc ID	1059718

Tops

Name	Top	Datum
ANHYDRITE	909	+1045
BASE ANHYDRITE	939	+1015
TOPEKA	2852	-898
HEEBNER	3087	-1133
TORONTO	3103	-1149
DOUGLAS	3117	-1163
BROWN LIME	3162	-1208
LANSING	3172	-1218
BASE KANSAS CITY	3381	-1427
ARBUCKLE	3388	-1434

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>L.O. Dally</i>	Lease No.	Date <i>5-5-11</i>
Lease <i>SALVINO</i>	Well # <i>1-19</i>	
Field Order # <i>3973</i>	Station <i>PRATT KS</i>	Casing <i>8 5/8</i>
	Depth <i>479'</i>	County <i>BARTON</i>
Type Job <i>CNW 8 5/8 Surface</i>	Formation	Legal Description <i>14-16-13</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>								
Depth <i>479</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>29</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>434</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Hillman</i>
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Service Units	<i>37900</i>	<i>33208</i>	<i>20970</i>	<i>19826</i>	<i>19860</i>				
Driver Names	<i>Bullwag</i>	<i>MELON</i>	<i>Penwick</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>02:30</i>	<i>1m</i>				<i>on loc. Safety meeting</i>
					<i>Run 11 5.75 8 5/8 Surface csj</i>
<i>04:45</i>					<i>CASING ON BOTTOM</i>
<i>04:55</i>					<i>Hook Rig To Circ.</i>
<i>05:05</i>	<i>200</i>		<i>3</i>	<i>4</i>	<i>at spacer</i>
			<i>75</i>	<i>5.5</i>	<i>mix cmt 350 sk 60/40 percent</i>
					<i>shot down cmt and d.</i>
					<i>Relans. Plug</i>
				<i>4</i>	<i>at Pump</i>
<i>05:40</i>			<i>29</i>		<i>plug down</i>
					<i>circ. 9 BBL cmt to pit</i>
					<i>JOB complete</i>
					<i>Thank you.</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 03901 A

DATE _____ TICKET NO. _____

DATE OF JOB 5-11-11 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 L.O. Drilling INC.		LEASE SALVINO		WELL NO. 1-19		
ADDRESS _____		COUNTY Barton 19-16-13 STATE KANSAS				
CITY _____ STATE _____		SERVICE CREW Awerth, Klesley, Jarod				
AUTHORIZED BY _____		JOB TYPE: 5/2" L.S. ENW				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 5-10-11 DATE AM TIME 8:00
28443 PU	1 1/2					ARRIVED AT JOB 5-10-11 DATE AM TIME 10:30
27463 PU	1 1/2					START OPERATION 5-11-11 DATE AM TIME 3:30
19831-21010	1 1/2					FINISH OPERATION 5-11-11 DATE AM TIME 5:00
						RELEASED 5-11-11 DATE AM TIME 5:45
						MILES FROM STATION TO WELL 70-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
CP103	60/40 Poz	SK	180		\$ 2160.00
CC102	CELL FLAKE	lb	25		\$ 166.50
CC104	SALT Fine	lb	1802		\$ 801.00
CC112	Cement Friction Reducer	lb	117		\$ 702.00
CC201	Gil sulfate	lb	900		\$ 603.00
CF103	Top Rubber cement Plus 5/2	EA	1		\$ 105.00
CF251	Guide Shoe Reg. 5/20 Blue	EA	1		\$ 230.00
CF1451	Flapper Type Insert Float Valve 5/2	EA	1		\$ 215.00
CF1651	Turbolizer 5/2" Blue	EA	5		\$ 550.00
CD04	Clamox KCL Sub	gal	1		\$ 35.00
CC151	mud Flush	gal	500		\$ 430.00
E100	Unit mileage Charge Pickup	mi	70		\$ 297.50
E101	Heavy Equip mileage	mi	140		\$ 980.00
E113	Brkl Blower Charge	TR	543		\$ 868.00
CF240	Blending & mixing Service chg	SK	180		\$ 252.00
CF204	Depth Charge 3001-4001	4-hr	1		\$ 160.00
CE504	Plus container Utilization chg	Job	1		\$ 250.00
S003	Service Supervisor 1st 8hrs over	EA	1		\$ 125.00
CC105	C-41-P	lb	39		\$ 156.00

SUB TOTAL

CHEMICAL / ACID DATA:			

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

TOTAL

DCS \$ 8590.12

SERVICE REPRESENTATIVE **Allen Awerth** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: **Jim Miller**
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

Customer	L.A. Drilling, INC	Lease No.		Date	5-11-11		
Lease	SALVINO	Well #	1-19				
Field Order #	03901A	Station	Pratt, KS	Casing	5/2	Depth	
Type Job	5/2" Long String		CND	Formation	113520	Legal Description	17-16-13
				County	Barton	State	KS

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
5/2				20 BBLs KCL 2% @ 12			5 Min.	
Depth	Depth	From	To	Pre-Pad	Max			
Set 3520				12 BBLs Mud Flush			10 Min.	
Volume	Volume	From	To	Pad	Min			
85.6				150 SKS 60/40 Poz @ 15.4			15 Min.	
Max Press	Max Press	From	To	Frac.	Avg			
1000				30 SKS 60/40 Poz				
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load
3510				W.P. N20				

Customer Representative	Jim	Station Manager	Scotty	Treater	Allen
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Service Units	28445	27463 P.T.	19831	21010				
Driver Names	Worth	Keenan	Hesley	Jarod	Brunn	Gant		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
100 AM					Petro mark II
208					on loc. P. cuss safety, Setup Plan Job out of Hole lay down Kelly.
					Rig up to Run 5/2 casing. 14' shoe joint 10' w/ Reg shoe & insert fill in collar. cen 1-3-5-7-9
330					Pipe @ 3520 Hookup & CIR. w/R
415	300		20	5	Pump 20 BBL 2% KCL
			12	5	Pump 12 BBLs mud flush
				5	mix & pump 150 SKS 60/40 poz @ 14.
			38		Finish mix washout Pump line
430				6	Drop Top Rubber Plug & start Disb
	500			5/2	caught lift PSI w/ 60 BBLs out
445	1000		85.6	4	Plug down
					Release PSI 0
					Plug Rathole w/ 30 SKS 60/40
					washup & Rackup Equip.
545					Job complete.
					Thanks
					Allen, Keenan
					Jarod



Office
12201 536-4250
412 North St. • P.O. Box 219 • Griffin, GA 30203
(678) 587-3441

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY L.D. Drilling, Inc.
 LEASE Salvina
 FIELD Trapp
 LOCATION S2-N10-W5-SE-50 (800' x 2100' Tract)
 SEC. 19 T10SP 16 RGE 13
 COUNTY Barton STATE Kansas
 CONTRACTOR Petroleum Drilling (City#2)
 TRIP 5-04-204 COMP 5-10-2011
 WTD. 3520 LTD. 3523
 MUD UP 2599 TYPE MUD Clay Drill Bit

SAMPLES SAVED FROM 2800 TO 3520
 DRILLING TIME KEPT FROM 2800 TO 3520 RTD
 SAMPLES EXAMINED FROM 2800 TO 3520
 GEOLOGICAL SUPERVISION FROM 3100 TO 3520
 GEOLOGIST ON WELL Joel Austin

FORMATION TOPS LOGS SAMPLES

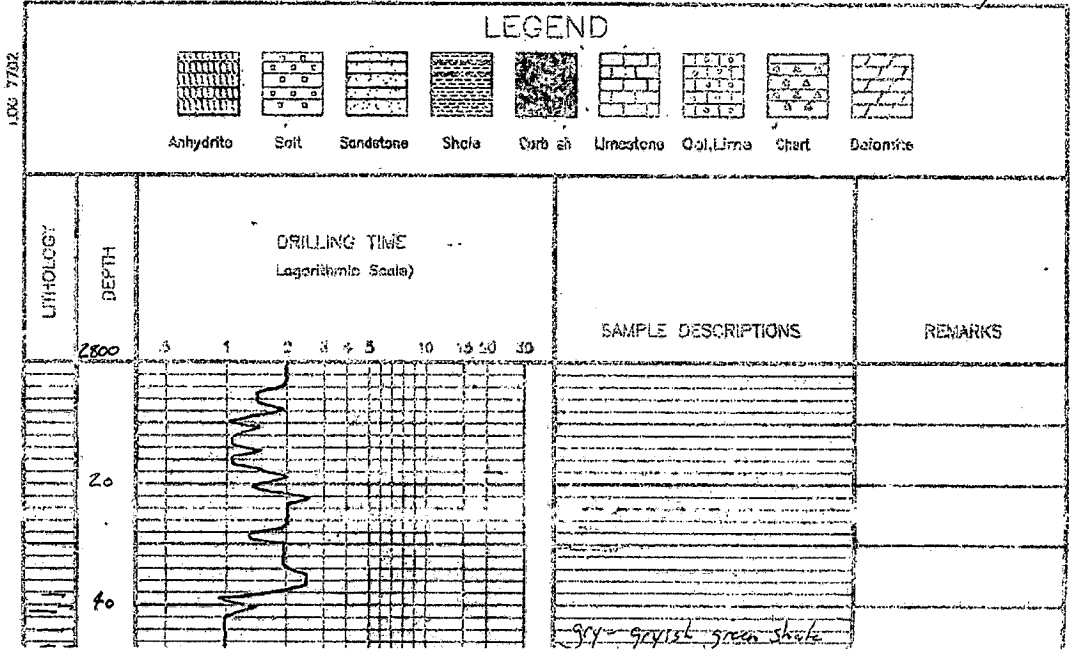
anhydrite	939	+1015	997	RTD
best sand drk	2852	- 898		
Tepeckal	3087	- 1133		
Hibner	3103	- 1149		
Donnell	3117	- 1163		
Barton lime	3162	- 1208		
limestone	3172	- 1218		
Base Kansas City	3381	- 1427		
shale	3450	- 1498		
RTD	3453	- 1499		

ELEVATIONS
 KB 1954
 DF
 GL 1949
 Measurements Are A.I.
 From KB

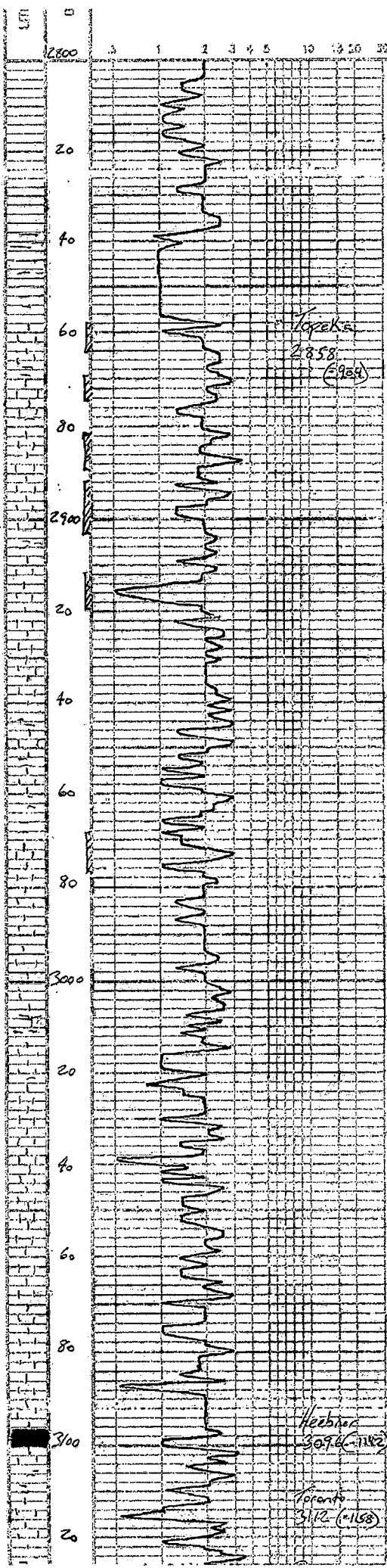
DATE 8/21/11 BY JA
 PRODUCTION
 ELECTRICAL SURVEYS
 BY Log Tech
 ON/LOG DR

REMARKS 5 1/2" production casing was set and cemented

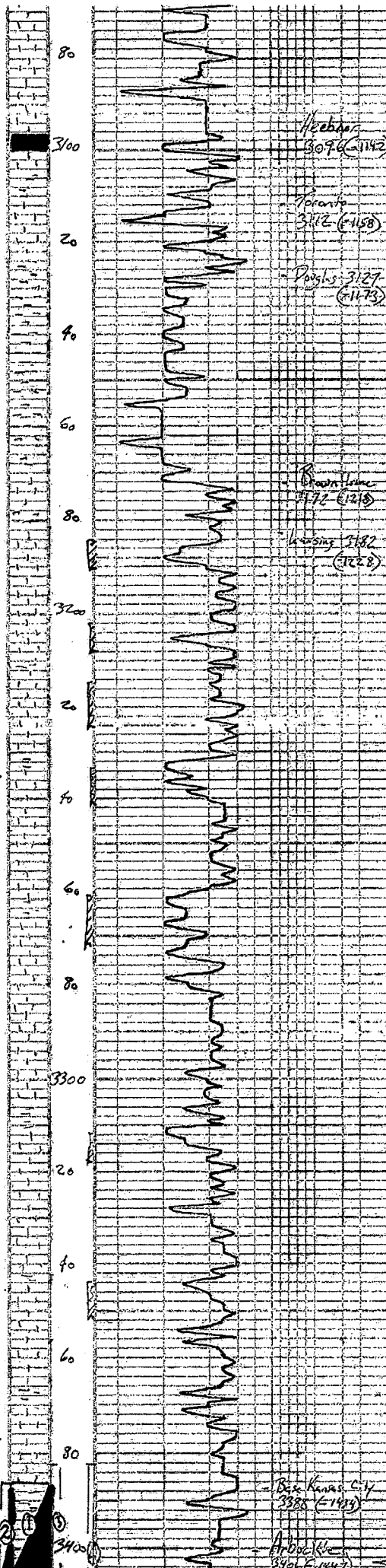
Respectfully Submitted,
Joel R. Austin
Petroleum Geologist



LOG 7702



SAMPLE DESCRIPTIONS	REMARKS
3Y - grayish green shale silty in part, thin	
ls. tan fine gr. cherty but less dense 1/2	
ls. gray - buff - fine sh. cherty (60) by in part - dense to gray - buff a	
ls. somewhat - thin - fine cherty green in part / sandy - gray dense 1/2	
ls. green fine cherty dense	
thin blk carb shale	
gray - mar sh	
ls. gray - tan fine/med dense Poor visor 1/2	
}	
blk carb sh	KB 1954
ls. gray - green highly dense in part cherty fine poor visor 1/2	
ls. tan - green fine cherty sh. fine - poor visor 1/2	
ls. green sh. dolomitic in part 1/2	
ls. tan - green fine dense sh. cherty - fine to gray - buff b	
blk carb shale	
3Y - grayish green shale	
ls. gray - green fine cherty dense	



Keebler
3076 (1142)

Foran
3112 (1158)

Pugh
3127 (1173)

Brownstone
3172 (1215)

Lawson
3182 (1228)

Box Canyon City
3385 (1433)

Dr. D. K. ...
3406 (1447)

ls tan. con. fine dense
sh. cherty. few foss
+ grey sandy

blk carb shale
grey - greyish green shale

ls grey - con. fine cherty. dense

shaly grey - greyish green
more soft. silty in part
few mica foss

shale con.

tan sand. grey v. fine silty mudst
sub. v. fine. f. 10' - 15'

ls tan. brown. fine dense sh

ls tan highly calc. sandy
cherty in part. dense in part. 15'

ls tan con. fine/med. cherty
top to base sh. 10' - 15'

ls grey. tan. fine cherty. foss
fine v. s.s.

ls tan highly calc. green
sandy 15'

ls con. cherty. fine shaly
green. to grey. to black

ls con. dk. grey con. cherty
f. con. (brown)

ls con. dk. sh. fine cherty
cherty. dense. f. fine sandy sh

blk carb sh
+ grey green shale

ls con. dk. fine cherty
f. tan. to brown. sh. 10' - 15'

ls con. dk. sh. fine cherty
f. dk. sh. 10' - 15'

ls con. dk. sh. fine cherty
f. dk. sh. 10' - 15'

dk. grey. blk shale

ls con. fine cherty

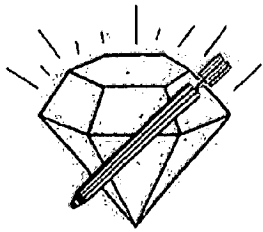
grey - brown sh
Poor Samples

dk. grey. tan. dk. sh. poor

Poor Samples

Very Poor Samples

DST # 1 3380-3404
20-30-35-40
Blow Work, depth 13 min
Recovery 6" clean oil
6" H₂O con
Resum: ISIP 275 ps
FAP 198 "
IFP 5-7 "
BEP 2-7 "
HSH 1716 "



DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 • (800) 542-7313

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Salvino No. 1-19
 Elevation 1949 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. 2781
 Date 5-8-11 Sec. 19 Twp. 16S Range 13W County Barton State Kansas

Test Approved By Josh R. Austin Diamond Representative Roger D. Friedly

Formation Test No. 1 Interval Tested from 3,386 ft. to 3,404 ft. Total Depth 3,404 ft.
 Packer Depth 3,381 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 3,386 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,374 ft. Recorder Number 1150 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 3,401 ft. Recorder Number 3851 Cap. 5,700 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 121 ft. I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 54 Weight Pipe Length ft. I.D. -- in.
 Weight 9.6 Water Loss 10.8 cc. Drill Pipe Length 3,239 ft. I.D. 3 1/2 in.
 Chlorides 5,800 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 18 ft. Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, surface blow. Died in 13 mins. No blow back during shut-in.
 2nd Open: No blow. No blow back during shut-in.

Recovered 1/2 ft. of clean oil = .002460 bbls. (Gravity: 36.8 @ 60°)

Recovered 1/2 ft. of heavy oil cut mud = .002460 bbls. (Grind out: 42%-oil; 58%-mud)

Recovered 1 ft. of TOTAL FLUID = .004920 bbls.

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 46%-mud; 54%-oil

Time Set Packer(s)	<u>9:20</u>	<u>XXX</u> P.M.	Time Started Off Bottom	<u>11:10</u>	<u>XXX</u> P.M.	Maximum Temperature	<u>102°</u>
Initial Hydrostatic Pressure			(A)	<u>1716</u>	P.S.I.		
Initial Flow Period	Minutes	<u>20</u>	(B)	<u>5</u>	P.S.I. to (C)	<u>7</u>	P.S.I.
Initial Closed In Period	Minutes	<u>30</u>	(D)	<u>275</u>	P.S.I.		
Final Flow Period	Minutes	<u>30</u>	(E)	<u>7</u>	P.S.I. to (F)	<u>7</u>	P.S.I.
Final Closed In Period	Minutes	<u>30</u>	(G)	<u>108</u>	P.S.I.		
Final Hydrostatic Pressure			(H)	<u>1712</u>	P.S.I.		

Diamond Testing

General information Report

General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	
Well Name	SALVINO #1-19	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #1 ARBUCKLE 3,386' - 3,404'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC 19-16S-13W BATTON COUNTY, KS	Report Date	2011/05/09
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL DRILL-STEM TEST		
Formation	DST #1 ARBUCKLE 3,386' - 3,404'		
Well Fluid Type	01 Oil	Start Test Time	19:35:00
		Final Test Time	01:15:00
Start Test Date	2011/05/08		
Final Test Date	2011/05/09		
Gauge Name	1150		
Gauge Serial Number			

Test Results

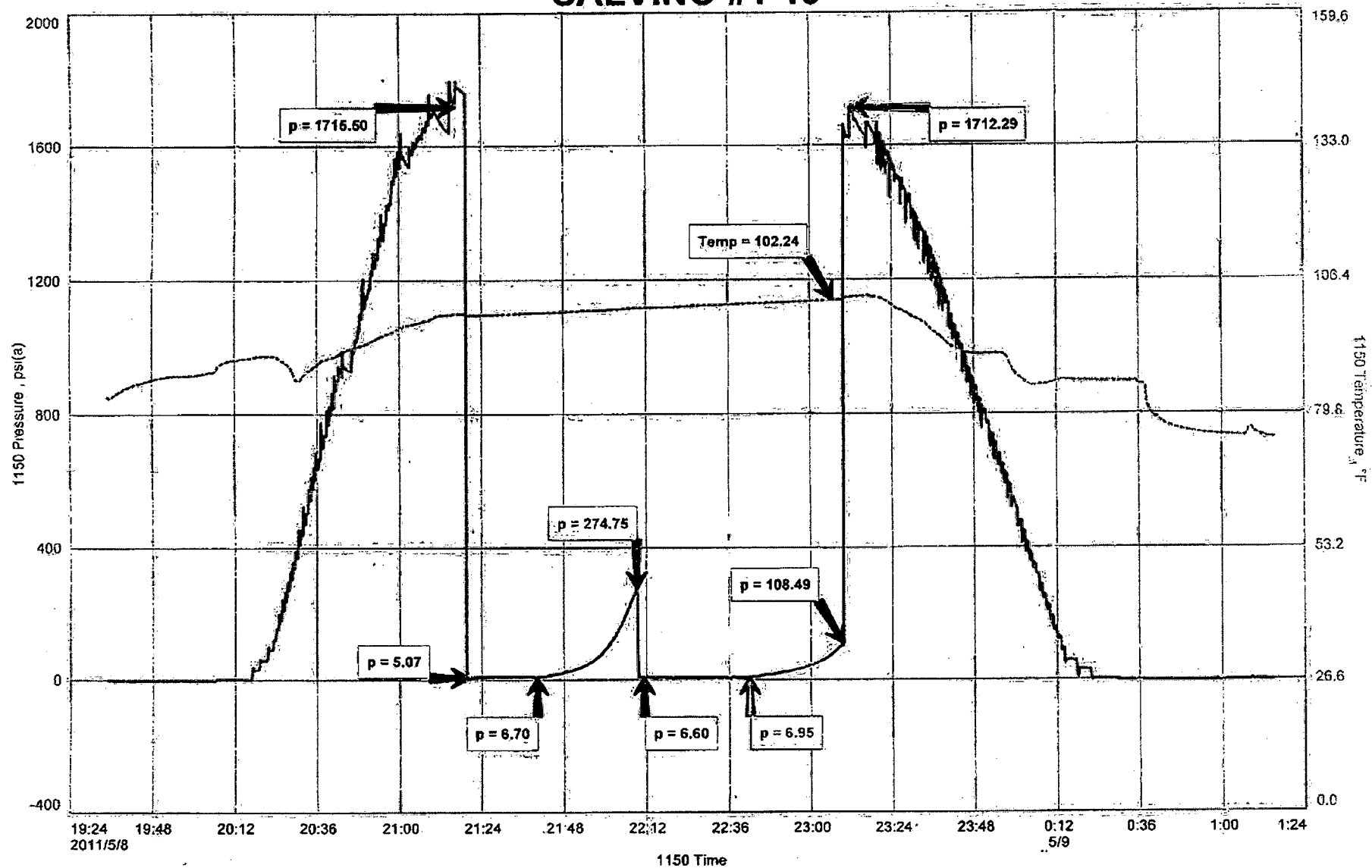
RECOVERED: 1/2' CLEAN OIL 36.8 GRAVITY @ 60 deg
1/2' HOCM 42% OIL, 58% MUD
1' TOTAL FLUID

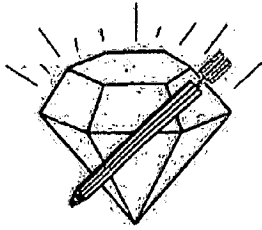
TOOL SAMPLE: 54% OIL, 46% MUD

L.D. DRILLING, INC.
DST #1 ARBUCKLE 3,386' - 3,404'
Start Test Date: 2011/05/08
Final Test Date: 2011/05/09.

SALVINO #1-19
Formation: DST #1 ARBUCKLE 3,386' - 3,404'
Pool: WILDCAT

SALVINO #1-19





DIAMOND TESTING

P.O. Box 157

HOISINGTON, KANSAS 67544

(620) 653-7550 * (800) 542-7313

Page 1 of 2 Pages

Company L. D. Drilling, Inc. Lease & Well No. Salvino No. 1-19
 Elevation 1949 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. 2782
 Date 5-9-11 Sec. 19 Twp. 16S Range 13W County Barton State Kansas
 Test Approved By Josh R. Austin Diamond Representative Roger D. Friedly

Formation Test No. 2 Interval Tested from 3,386 ft. to 3,406 ft. Total Depth 3,406 ft.
 Packer Depth 3,381 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 3,386 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set -- ft.

Top Recorder Depth (Inside) 3,374 ft. Recorder Number 1150 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 3,403 ft. Recorder Number 3851 Cap. 5,700 psi
 Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. -- psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 121 ft. I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 51 Weight Pipe Length -- ft. I.D. -- in.
 Weight 9.7 Water Loss 11.2 cc. Drill Pipe Length 3,239 ft. I.D. 3 1/2 in.
 Chlorides 7,600 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - JF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 20 ft. Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/8 in. blow. Died in 19 mins. No blow back during shut-in.
2nd Open: No blow. No blow back during shut-in.

Recovered 1 ft. of oil cut mud with good, free oil on top = .004920 bbls. (Grind out: 32%-oil; 68%-mud)
 Recovered -- ft. of --
 Recovered -- ft. of --
 Recovered -- ft. of --
 Recovered -- ft. of --

Remarks Tool Sample Grind Out: 38%-oil; 62%-mud

Time Set Packer(s) 9:16 ^{A.M.}/_{P.M.} Time Started Off Bottom 11:16 ^{A.M.}/_{P.M.} Maximum Temperature 99°
 Initial Hydrostatic Pressure (A) 1649 P.S.I.
 Initial Flow Period Minutes 30 (B) 6 P.S.I. to (C) 9 P.S.I.
 Initial Closed In Period Minutes 30 (D) 97 P.S.I.
 Final Flow Period Minutes 30 (E) 7 P.S.I. to (F) 9 P.S.I.
 Final Closed In Period Minutes 30 (G) 69 P.S.I.
 Final Hydrostatic Pressure (H) 1647 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	
Well Name	SALVINO #1-19	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #2 ARBUCKLE 3,386' - 3,406'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC 19-16S-13W BARTON COUNTY, KC	Report Date	2011/05/09
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL DRILL-STEM TEST		
Formation	DST #2 ARBUCKLE 3,386' - 3,406'		
Well Fluid Type	01 Oil	Start Test Time	07:35:00
		Final Test Time	12:43:00
Start Test Date	2011/05/09		
Final Test Date	2011/05/09		
Gauge Name	11150		
Gauge Serial Number			

Test Results

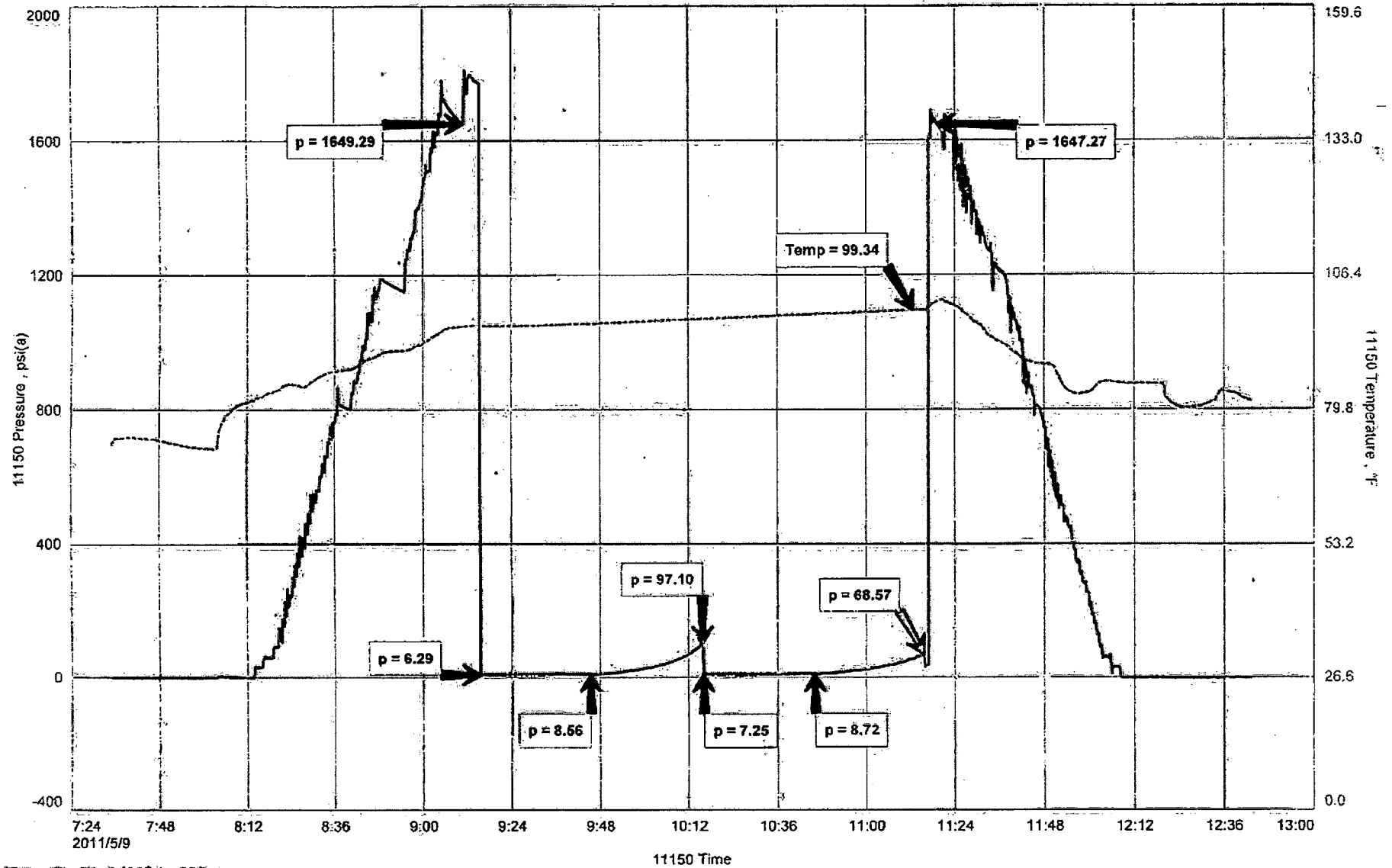
RECOVERED: 1' OCM 32% OIL, 68% MUD - GOOD FREE OIL ON TOP

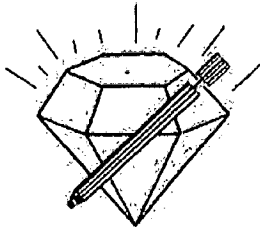
TOOL SAMPLE: 38% OIL, 62% MUD

L.D. DRILLING, INC.
DST #2 ARBUCKLE 3,386' - 3,406'
Start Test Date: 2011/05/09
Final Test Date: 2011/05/09

SALVINO #1-19
Formation: DST #2 ARBUCKLE 3,386' - 3,406'
Pool: WILDCAT

SALVINO #1-19





DIAMOND TESTING
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313

Company L. D. Drilling, Inc. Lease & Well No. Salvino No. 1-19
Elevation 1949 KB Formation Arbuckle Effective Pay -- Ft. Ticket No. 2783
Date 5-9-11 Sec. 19 Twp. 16S Range 13W County Barton State Kansas
Test Approved By Josh R. Austin Diamond Representative Roger D. Friedly

Formation Test No. 3 Interval Tested from 3,382 ft. to 3,410 ft. Total Depth 3,410 ft.
Packer Depth 3,377 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 3,382 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,370 ft. Recorder Number 1150 Cap. 5,000 psi
Bottom Recorder Depth (Outside) 3,407 ft. Recorder Number 3851 Cap. 5,700 psi
Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 121 ft. I.D. 2 1/4 in.
Mud Type Chemical Viscosity 54 Weight Pipe Length -- ft. I.D. -- in.
Weight 9.6 Water Loss 11.2 cc. Drill Pipe Length 3,235 ft. I.D. 3 1/2 in.
Chlorides 7,600 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IE in.
Jars: Make Sterling Serial Number Not Run Anchor Length 28 ft. Size 4 1/2 - FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, surface blow. Died in 7 mins. No blow back during shut-in.
2nd Open: No blow. No blow back during shut-in.

Recovered 2 ft. of slightly oil cut mud = .009840 bbls. (Grind out: 12%-oil; 88%-mud)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks Tool Sample Grind Out: 24%-oil; 76%-mud

Time Set Packer(s) 7:09 ^{AMM} P.M. Time Started Off Bottom 8:29 ^{AMM} P.M. Maximum Temperature 97°
Initial Hydrostatic Pressure (A) 1650 P.S.I.
Initial Flow Period Minutes 20 (B) 6 P.S.I. to (C) 8 P.S.I.
Initial Closed In Period Minutes 20 (D) 484 P.S.I.
Final Flow Period Minutes 20 (E) 8 P.S.I. to (F) 8 P.S.I.
Final Closed In Period Minutes 20 (G) 423 P.S.I.
Final Hydrostatic Pressure (H) 1645 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	
Well Name	SALVINO #1-19	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #3 ARBUCKLE 3,382' - 3,410'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC 19-16S-13W BARTON COUNTY, KS	Report Date	2011/05/09
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL DRILL-STEM TEST	Start Test Time	17:35:00
Formation	DST #3 ARBUCKLE 3,382' - 3,410'	Final Test Time	22:00:00
Well Fluid Type	01 Oil		
Start Test Date	2011/05/09		
Final Test Date	2011/05/09		
Gauge Name	1150		
Gauge Serial Number			

Test Results

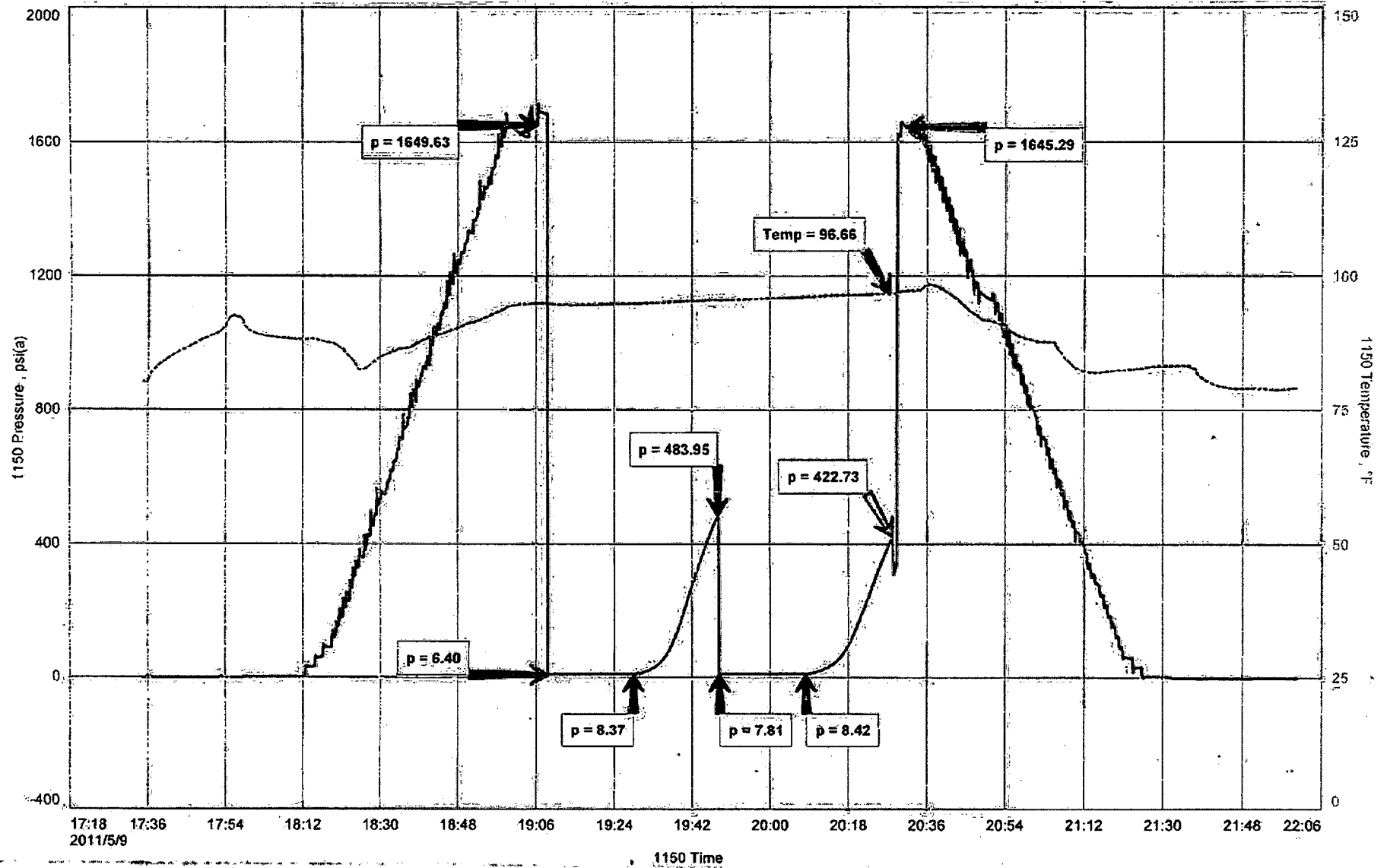
RECOVERED: 2' SLTOCM 12% OIL, 88% MUD

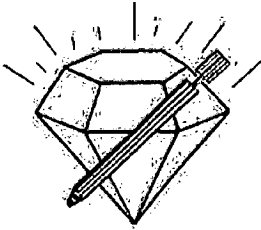
TOOL SAMPLE: 24% OIL, 76% MUD

L.D. DRILLING, INC.
DST #3 ARBUCKLE 3,382' - 3,410'
Start Test Date: 2011/05/09
Final Test Date: 2011/05/09

SALVINO #1-19
Formation: DST #3 ARBUCKLE 3,382' - 3,410'
Pool: WILDCAT

SALVINO #1-19





DIAMOND TESTING

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

Company L. D. Drilling, Inc. Lease & Well No. Salvino No. 1-19
 Elevation 1949 KB Formation Arbuckle Effective Pay Ft. Ticket No. 2784
 Date 5-10-11 Sec. 19 Twp. 16S Range 13W County Barton State Kansas
 Test Approved By Josh R. Austin Diamond Representative Roger D. Fricdy

Formation Test No. 4 Interval Tested from 3,382 ft. to 3,422 ft. Total Depth 3,422 ft.
 Packer Depth 3,377 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 3,382 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set ft.
 Top Recorder Depth (Inside) 3,370 ft. Recorder Number 1150 Cap. 5,000 psi
 Bottom Recorder Depth (Outside) 3,419 ft. Recorder Number 3851 Cap. 5,700 psi
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi

Drilling Contractor Petromark Drilling, LLC - Rig 2 Drill Collar Length 121 ft. I.D. 2 1/4 in.
 Mud Type Chemical Viscosity 4.7 Weight Pipe Length ft. I.D. in.
 Weight 9.4 Water Loss 10.4 cc. Drill Pipe Length 3,235 ft. I.D. 3 1/2 in.
 Chlorides 5,000 P.P.M. Test Tool Length 26 ft. Tool Size 3 1/2 - IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 40 ft. Size 4 1/2 - FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 1/2 in., blow increasing to 7 ins. No blow back during shut-in.
 2nd Open: Weak, surface blow increasing to 4 1/2 ins. No blow back during shut-in.

Recovered 60 ft. of gas in pipe
 Recovered 30 ft. of clean oil = .426900 bbls. (Gravity: 34.2 @ 60°)
 Recovered 81 ft. of gas & oil cut watery mud = .584720 bbls. (Grind out: 2%-gas; 15%-oil; 31%-water; 52%-mud)
 Recovered 60 ft. of gas & oil cut watery mud = .295200 bbls. (Grind out: 4%-gas; 4%-oil; 38%-water; 54%-mud)
 Recovered 171 ft. of TOTAL FLUID = 1.306820 bbls. Chlorides: 9,500 Ppm
 PH: 7.0 RW: .52 @ 76°
 Remarks Tool Sample Grind Out: 8%-oil; 34%-water; 58%-mud

Time Set Packer(s) 6:32 ^{A.M.}/_{P.M.} Time Started Off Bottom 8:47 ^{A.M.}/_{P.M.} Maximum Temperature 101°
 Initial Hydrostatic Pressure (A) 1660 P.S.I.
 Initial Flow Period Minutes 30 (B) 10 P.S.I. to (C) 63 P.S.I.
 Initial Closed In Period Minutes 30 (D) 964 P.S.I.
 Final Flow Period Minutes 30 (E) 67 P.S.I. to (F) 81 P.S.I.
 Final Closed In Period Minutes 45 (G) 967 P.S.I.
 Final Hydrostatic Pressure (H) 1654 P.S.I.

Diamond Testing

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General information Report

General Information

Company Name L.D. DRILLING, INC.

Contact	L.D. DAVIS	Job Number	
Well Name	SALVINO #1-19	Representative	ROGER D. FRIEDLY
Unique Well ID	DST #4 ARBUCKLE 3,382' - 3,422'	Well Operator	L.D. DRILLING, INC.
Surface Location	SEC 19-16S-13W BARTON COUNTY, KS	Report Date	2011/05/10
Well License Number		Prepared By	ROGER D. FRIEDLY
Field	WILDCAT		
Well Type	Vertical		

Test Type	CONVENTIONAL DRILL-STEM TEST		
Formation	DST #4 ARBUCKLE 3,382' - 3,422'		
Well Fluid Type	01 Oil	Start Test Time	04:20:00
		Final Test Time	10:23:00
Start Test Date	2011/05/10		
Final Test Date	2010/05/10		
Gauge Name	1150		
Gauge Serial Number			

Test Results

RECOVERED: 60' GAS IN PIPE
30' CLEAN OIL 34.2 GRAVITY @ 60 deg.
81' G&OCWM 2% GAS, 15% OIL, 31% WTR, 52% MUD
60' G&OCWM 4% GAS, 4% OIL, 38% WTR, 54% MUD
171' TOTAL FLUID

TOOL SAMPLE: 8% OIL, 34% WTR, 58% MUD.

CHLORIDES: 9,500 Ppm
PH 7.0
RW: .52 @ 76 deg

L.D. DRILLING, INC.
DST #4 ARBUCKLE 3,382' - 3,422'
Start Test Date: 2011/05/10
Final Test Date: 2010/05/10

SALVINO #1-19
Formation: DST #4 ARBUCKLE 3,382' - 3,422'
Pool: WILDCAT

SALVINO #1-19

