



KANSAS CORPORATION COMMISSION 1079751  
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: M V PURCHASING

Designate Type of Completion:

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

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

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>01/23/2012</u>	<u>01/29/2012</u>	<u>02/03/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25651-00-00

Spot Description: \_\_\_\_\_

SE SW NW NE Sec. 19 Twp. 16 S. R. 13  East  West  
1070 Feet from  North /  South Line of Section  
2300 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Barton

Lease Name: SALVINO Well #: 2-19

Field Name: TRAPP

Producing Formation: LANSING

Elevation: Ground: 1945 Kelly Bushing: 1949

Total Depth: 3470 Plug Back Total Depth: 3442

Amount of Surface Pipe Set and Cemented at: 497 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: 6000 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 Garriso Date: 04/30/2012



1079751

Operator Name: L. D. Drilling, Inc. Lease Name: SALVINO Well #: 2-19  
 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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 MICRORESISTIVITY 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	497	60/40 POZMIX	345	2%Gel,3%CC,1/4#CF
PRODUCTION	7.875	5.5	14	3469	COMMON	150	2%Gel,3%Friction Reducer
RATHOLE	7.875	5.5	14	3469	60/40 POZMIX	30	

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	3211 - 3215'; 3187 - 3189'	500 gal 20% HCL ACID	
		500 gal 20% HCL ACID	

TUBING RECORD: Size: <u>2.875</u> Set At: <u>3439</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First, Resumed Production, SWD or ENHR. <u>02/28/2012</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	SALVINO 2-19
Doc ID	1079751

Tops

ANHYDRITE	899	+1050
BASE ANHYDRITE	928	+1021
TOPEKA	2816	-867
HEEBNER	3048	-1099
TORONTO	3064	-1115
DOUGLAS	3078	-1129
BROWN LIME	3123	-1174
LANSING	3131	-1182
BASE KANSAS CITY	3338	-1389
QUARTZITE	3341	-1392



**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 04626 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: <u>1-24-2012</u> DISTRICT: <u>Pratt, Ks.</u>		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: <u>LD DRILLING, INC.</u>		LEASE: <u>SALVINO</u> WELL NO. <u>2-11</u>							
ADDRESS:		COUNTY: <u>BARTON</u> STATE: <u>Ks.</u>							
CITY: STATE:		SERVICE CREW: <u>LESLEY, MARQUEZ, YOUNG</u>							
AUTHORIZED BY:		JOB TYPE: <u>CRW - 2 5/8" S.P.</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>32526</u>	<u>1.5</u>						<u>1-24-12</u>	<u>AM</u>	<u>2:00</u>
						ARRIVED AT JOB		<u>AM</u>	<u>4:00</u>
<u>33782-20780</u>	<u>1.5</u>					START OPERATION		<u>AM</u>	<u>5:30</u>
<u>14832-21010</u>	<u>1.5</u>					FINISH OPERATION		<u>AM</u>	<u>7:00</u>
						RELEASED		<u>AM</u>	<u>7:30</u>
						MILES FROM STATION TO WELL			<u>75</u>

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

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

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
GP 103	100/40 POT	SK	34.5		4,140.00
CC 102	CELL-FLAKE	lb	87		381.90
CC 109	CALCIUM CHLORIDE	lb	891		935.55
CE 153	WOOD CASE PLUG, 2 5/8"	EA	1		1100.00
E 100	PICKUP MILEAGE	MI	75		318.75
E 101	HEAVY EQUIPMENT MILEAGE	MI	150		1,050.00
E 113	BULK DELIVERY CHARGE	FM	114		1,782.00
CE 300	DEPTH CHARGE; 0-500'	HR	1-4		1,000.00
CE 240	BLENDED SERVICE CHARGE	SK	345		483.00
CE 504	PLUG CONTAINER CHARGE	J.B.	1		250.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

SUB TOTAL 8,386.25

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <b>LD DRILLING, INC.</b>		Lease No.	Date <b>1-24-2012</b>	
Lease <b>SALVINO</b>		Well # <b>2-19</b>		
Field Order # <b>04626</b>	Station <b>Pratt, Ks.</b>	Casing <b>2 5/8"</b>	Depth	County <b>BARTON</b> State <b>Ks.</b>
Type Job <b>CAW - 2 5/8" S.P.</b>	Formation <b>TD - 497'</b>	Legal Description <b>19-16-13</b>		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	CMT -	-Acid	RATE	PRESS	ISIP	
<b>2 5/8" x 2 5/8"</b>				<b>345SR(60)/40702</b>			5 Min.	
Depth <b>497.69</b>	Depth	From	To	Pre Pad <b>12/210FT<sup>3</sup></b>	Max		10 Min.	
Volume <b>116.583</b>	Volume	From	To	Pad	Min		15 Min.	
Max Press <b>300</b>	Max Press	From	To	Frac	Avg		Annulus Pressure	
Well Connection <b>P.L.</b>	Annulus Vol.	From	To		HHP Used		Total Load	
Plug Depth <b>477'</b>	Packer Depth	From	To	Flush <b>30 BBL</b>	Gas Volume			

Customer Representative <b>Jim Petro #2</b>	Station Manager <b>D. Scott</b>	Treater <b>K. Lesley</b>
Service Units <b>37586 33703 20900 19832 21010</b>		
Driver Names <b>LESLEY MARQUEZ YOUNG</b>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:15 AM					ON LOCATION - SAFETY MEETING
4:30 AM					SPOT TRUCKS ON LOCATION
4:30 AM					RUN 1 3/8" x 24" CSG.
5:35 AM					CSG. ON BOTTOM
5:45 AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
6:00 AM	300		5	5	HOO AHEAD
6:25 AM	150		74	5	MIX 34.5 SKS (60)/40702 @ 14.8 PPG
6:30 AM					SHUT DOWN - DROP WOOD PLUG
6:40 AM	70		0	4	START DISPLACEMENT
6:48 AM	250		25	4	SLOW RATE
6:50 AM	300		30	3	PLUG DOWN - CLOSE IN AT HEADS
					CIRC. THRU JOB
					CIRC. 10 BBL TO PIT
					JOB COMPLETE,
					THANKS -
					KEVIN LESLEY



**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 05786 A

19-165-13W

DATE

TICKET NO.

DATE OF JOB	1-29-12	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	Salvino			WELL NO.	2-10							
ADDRESS				COUNTY	Barton			STATE	Kansas							
CITY				STATE				SERVICE CREW	C. Messick, M. Mata, M. McGraw							
AUTHORIZED BY				JOB TYPE	C.N.W. - Longstring											
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	1-29-12		DATE	1-29-12	TIME	11:00				
37,216	1.25					ARRIVED AT JOB			DATE		TIME	1:00				
19,903-19,905	1.25					START OPERATION			DATE		TIME	5:00				
						FINISH OPERATION			DATE		TIME	6:15				
19,826-19,860	1.25					RELEASED	1-29-12		DATE	1-29-12	TIME	6:30				
						MILES FROM STATION TO WELL	75									

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 100	Common Cement	sh	150		\$ 2,400 00
P CP 103	60/40 Poz Cement	sh	30		\$ 360 00
P CC 102	Cellflute	Lb	38		\$ 140 60
P CC 112	Cement Friction Reducer	Lb	43		\$ 258 60
P CC 113	Gypsum	Lb	705		\$ 528 75
P CC 200	Cement Gel	Lb	282		\$ 70 50
P CF 103	Top Rubber Plug, 5 1/2"	ea	1		\$ 105 00
F CF 251	Regular Guide Shoe, 5 1/2"	ea	1		\$ 250 00
P CF 1451	Insert Float Valve, 5 1/2"	ea	1		\$ 215 00
P CF 1651	Turbolizer, 5 1/2"	ea	6		\$ 660 00
P CC 151	Mud Flush	Gal	1000		\$ 860 00
P E 100	Pickup Mileage	mi	75		\$ 318 75
P E 101	Heavy Equipment Mileage	mi	150		\$ 1,050 00
P E 113	Bulk Delivery	AM	638		\$ 1,020 00
P CF 204	Cement Pump: 3,000 Feet To 4,000 Feet	hrs	4		\$ 2,160 00
P CF 240	Blending and Mixing Service	sh	180		\$ 252 00
P CE 504	Plug Container	Job	1		\$ 250 00
P S.003	Service Supervisor	hrs	8		\$ 175 00

SUB TOTAL

DLS \$ 8,748 14

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY
<i>James P. Mc...</i>	<i>L. D. Davis, R. D. Scott</i>

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer L.V. Drilling, Incorporated	Lease No. Leased	Date 1-29-12
Lease Salvino	Well # 2-19	
Field Order # 5786	Station Pratt, Kansas	Casing 3 1/2 14 1/2
Type Job C.N.W. - Longstring	Depth 3,469	County Barton
	Formation	State Kansas
		Legal Description 19-165-13W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 3 1/2 14 1/2	Tubing Size 1 1/2	Shots/Ft	150 sacks	Auto	Common with	RATE	PRESS.	ISIP
Depth 3,469 Feet	Depth	From	To	25 1/2	cell flat	Max		5 Min.
Volume 84.6 Bbl.	Volume	From	To	14.74	6 1/2 Gal.	Min		10 Min.
Max Press 1,500 P.S.I.	Max Press	From	To			Avg		15 Min.
Well Connection Plug Collar	Annulus Vol.	From	To	30	sacks 60/40 Poz top	MHP Used		Annulus Pressure
Plug Depth 2,455 Feet	Racker Depth	From	To		84.2 Bbl. Fr	Gas Volume		Total Load

Customer Representative Jim Michels	Station Manager David Scott	Treater Clarence R. Messich
Service Units 37,216	19,903	19,905
Driver Names Messich	Mattal	McGraw

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00					Trucks on location and hold safety meeting.
2:00					Petromart Drilling start to run Regular Guide Shoe, Shoe Joint with Auto Fill Insert screwed into collar and a total of 82 Joints new 14 1/2 Ft. 5 1/2" casing. A Turbolizer was installed on collars # 1, 3, 5, 7, 9, and # 11.
4:00					Casing in well. Circulate for 1 hour.
5:00		2500			Shut in well. Pressure Test. Open Well.
5:02	300		5	6	start Fresh water Pre-Flush.
			5	6	start Mud Flush.
			29	5	Start Fresh water spacer.
5:08	300		34	5	Start Mixing 150 sacks common cement.
			72		Stop pumping. Shut in well. Wash pump lines.
				6.5	Release Top Rubber Plug. Open Well.
5:20	100		60	5	Start Fresh water Displacement.
			84.2	5	start to lift cement.
5:35	600				Plug down.
	1,500				Pressure up.
					Release pressure. Insert held
	-0-		7	3	Plug Rat hole.
					Wash up pump truck.
6:30					Job Complete.
					Thank You.
					Clarence, Milte, Milte

LD Drilling Inc.

SALVINO #2-19

1949

Trapp

1944

SE-SW-NW-NE (1070' FUL  
2300' FEB)

19 16° 13W

KD

Barb Kansas

Petromark Drilling (rig #2)

8 5/8" @ 197

01-23-2012 01-24-2012

3470

2599

Chemical  
Dissolved

By Log-Tech

CAL/CAL DIL Micro

SAMPLES	2800	3470
DEPTH	2800	3470
SAMPLES	2800	3470
DEPTH	3000	3470

Josh Austin

FORMATION TOP	LOG	SAMPLES
Anhydrite	899	+1050
Basic Anhydrite	928	+1021
Torpeke	2816	-867
Heehar	3048	-1099
Toronto	3064	-1115
Douglas	3078	-1129
Brown Lime	3123	-1174
Lansing	3131	-1182
Basic Nansel City	3339	-1389
Quartzite	3341	-1392
RTD	3470	
LTD	3469	

REMARKS

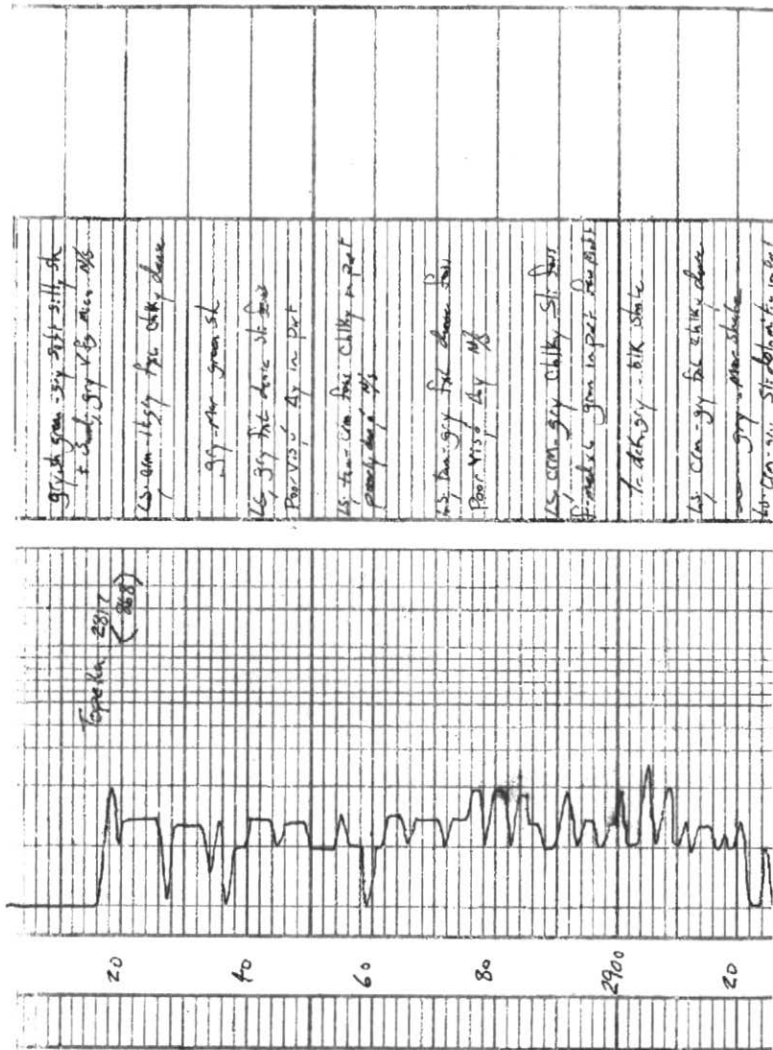
5 1/2" production casing was set & cemented

on the SALVINO #2-19.

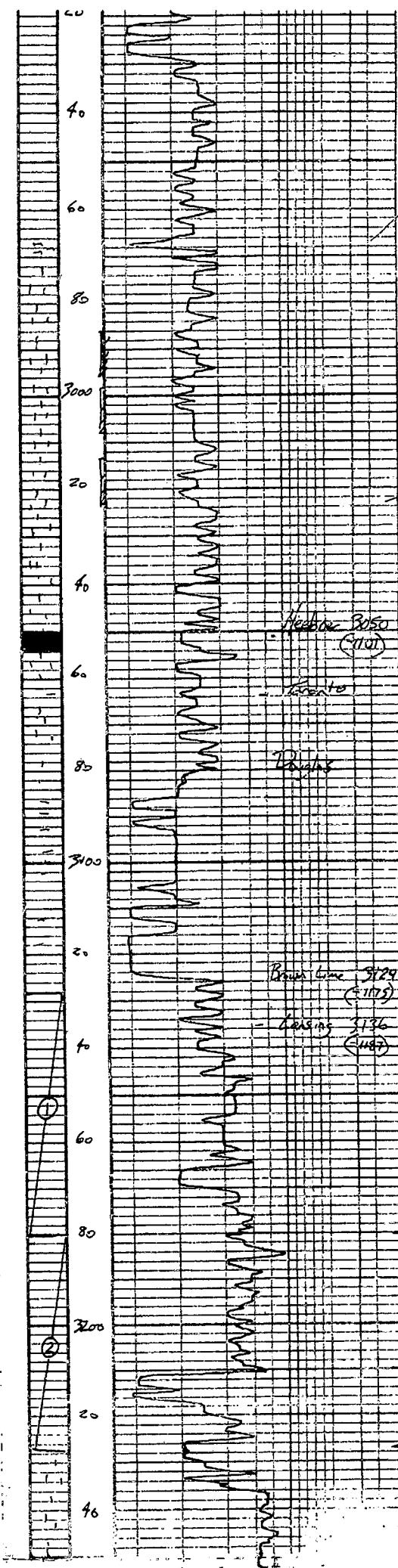
Respectfully submitted,

Josh R. Austin

Petroleum  
Geologist.







0-10 grey shale  
 10-20 con. grey siltstone in part  
 fine, bed. sub. 1/5  
 20-30 grey fine cherty sh. + siltstone  
 30-40 con. grey fine cherty sh.  
 fine, bed. in part  
 40-50 grey A  
 50-60 blk. carb. shale  
 60-70 con. fine cherty sh. + siltstone  
 fine, bed. in part  
 70-80 con. fine cherty sh. + siltstone  
 fine, bed. in part  
 80-90 con. buff fine cherty  
 sh. + siltstone in part  
 90-100 con. buff fine cherty  
 sh. + siltstone in part

Headline 3150  
 (1107)

Brown Lime 3124  
 (1175)

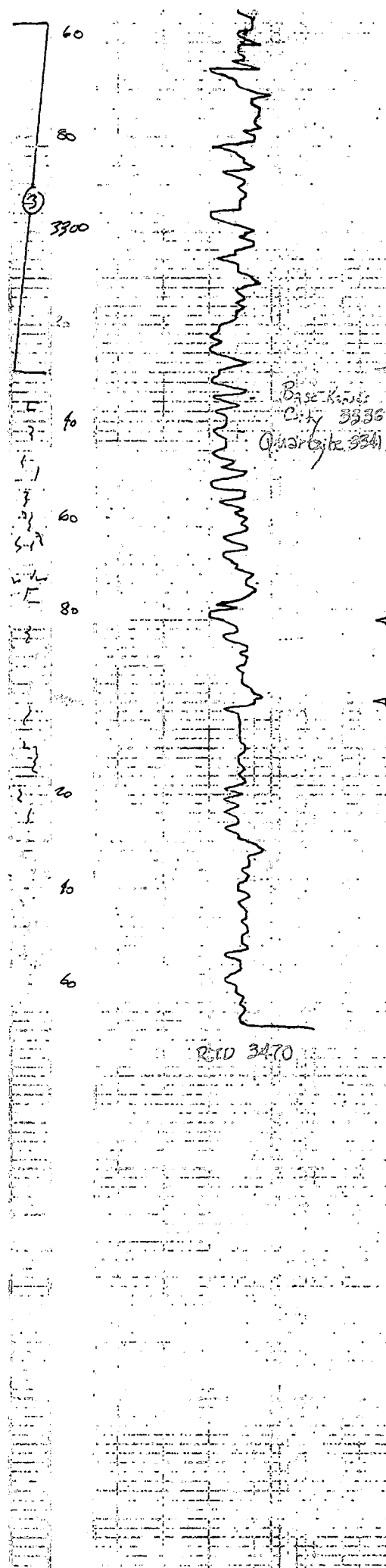
3126  
 (1187)

3128-3180  
 (1175)

3180-3220  
 (1187)

DST #1 3128-3180  
 30-45-45-60  
 Blue built to 11"  
 Final BOB in 25 min  
 weak blue blk  
 Recovery 1445 G.P.  
 5' CO  
 85% recovery  
 (10% oil 20% water 20% mud)  
 100 water  
 Pressure 131 P 532 PSI  
 531 " "  
 190 19-60 " "  
 190 20-100 " "  
 1483 " "  
 -1476 " "

DST #2 3220-3280  
 30-45-45-60  
 Blue Strong BOB in 1 1/2 min  
 BOB blue blk in 25 min  
 Final strong BOB in 3 1/2 min  
 BOB blue blk in 5 min  
 Recovery 477 G.P.  
 191 G.W. CO  
 (10% 74% CO 14% 20%)  
 215 G.P. CO



(Poor) dy + grey sandy &  
 blk carb shale  
 + grey shale  
 Ls grey - con flk alkyl foz/foal  
 Sl: dy poorly dev: + brn str: Msp

-12 49 MW  
 (2 1/3 9 1/4 w 7 1/2 m)  
 Pressure 151P 530  
 FSIP 525  
 IFP 60-216  
 FFP 281-371  
 HSH 1527  
 -1573

Ls con buff grey flk foz/foal  
 Lm poor vis: + brn str: Msp  
 DST #3 3256-3320  
 30-30-45-60  
 Blow: built to 11"  
 No blow back  
 Final BOB in 28 min  
 2" blow back  
 Recovery 5' CO  
 117' gHOCUM  
 (2 1/3 34% O 8 1/2 56% m)

Ls con - tan flk sl: alkyl foz/foal  
 poorly dev: + vis: + brn str: Msp  
 Soft grey shale + blk carb shale

Base-Kovars  
 City 3336  
 Quartzite 3341

Ls con grey fine dev: dy  
 Clear Qtz foz/foal  
 Few pink Qtz foz/foal  
 Pressure 151P 462  
 FSIP 577  
 IFP 17-44  
 FFP 45-61  
 HSH 1579  
 -1571

grey-green soft shale  
 shale aa  
 Shale: Qtz aa

Ls con flk sl: foz/foal alkyl  
 Poor vis: - brn str: + (log) sh: foz/foal  
 no dev

Qtz-clear + trace blk sandy  
 & abundant dk grey shale

Qtz clear w/ ps: little foz/foal  
 Few pink  
 S S

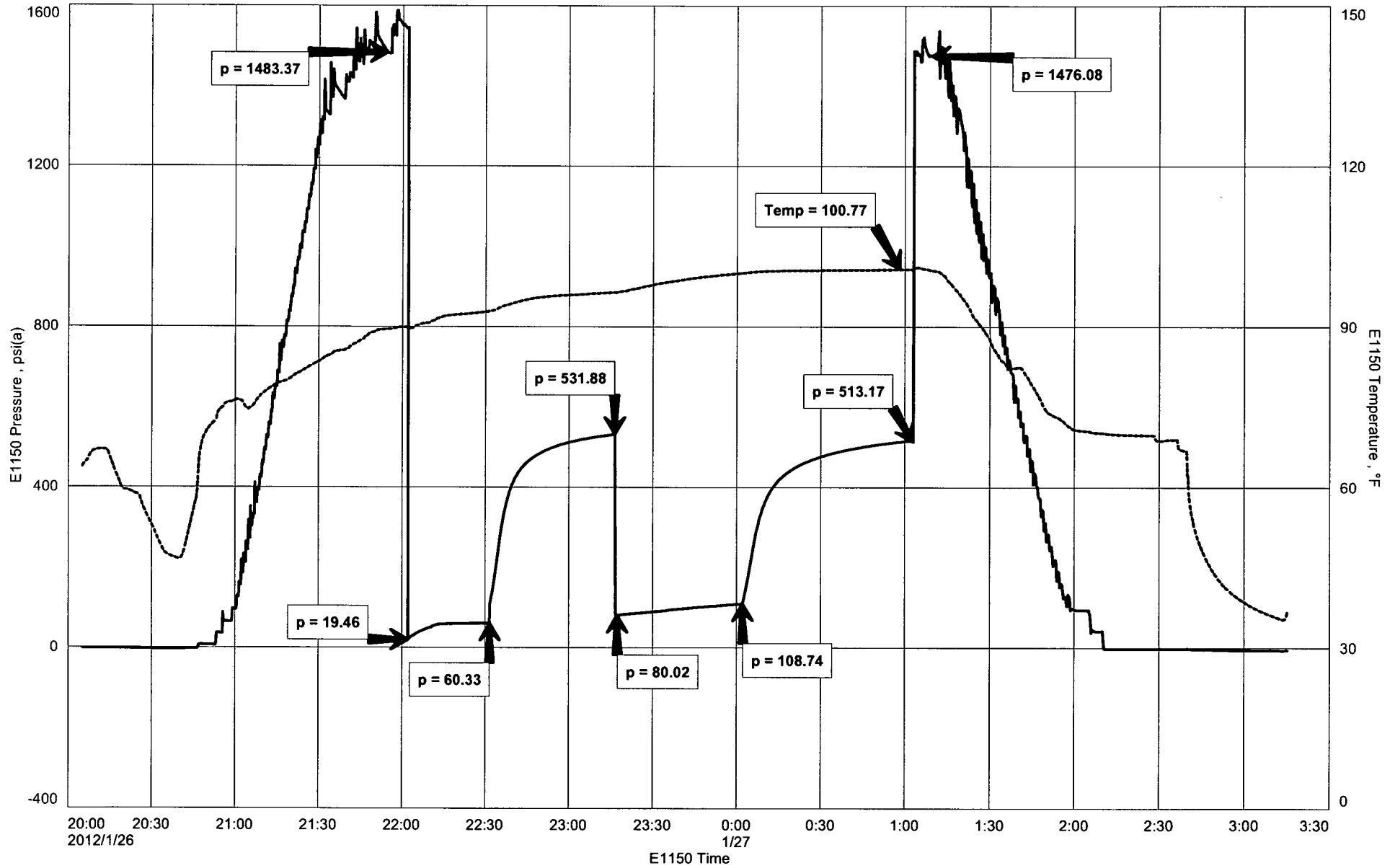
(abundant dk grey shale  
 + Qtz-aa  
 S S

Qtz pink - rose - clear, mica

L.D. DRLG  
DST#1 3128-3180 LANSING A - C  
Start Test Date: 2012/01/26  
Final Test Date: 2012/01/27

SALVINO #2-19  
Formation: DST#1 3128-3180 LANSING A - C  
Pool: WILDCAT  
Job Number: M265

# SALVINO #2-19



# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	L.D. DRLG	Job Number	M265
Well Name	SALVINO #2-19	Representative	MIKE COCHRAN
Unique Well ID	DST#1 3128-3180 LANSING A - C	Well Operator	L.D. DRLG
Surface Location	SEC.19-16S-13W BARTON CO.KS.	Report Date	2012/01/27
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#1 3128-3180 LANSING A - C		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2012/01/26	Start Test Time	20:05:00
Final Test Date	2012/01/27	Final Test Time	03:15:00
		Well Fluid Type	01 Oil
Gauge Name	E1150		
Gauge Serial Number			

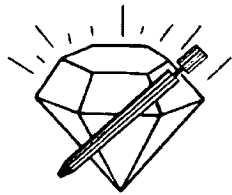
### Test Results

#### Remarks

RECOVERED:  
1445' GIP  
5' CO  
85' SOCWM 10% OIL, 28% WTR, 62% MUD  
120' WTR 100% WTR  
210' TOTAL FLUID

CHLOR: 39,000 PPM  
PH:7.5  
RW: .23 @ 64 DEG  
GRAVITY: 36.8 @ 60

TOOL SAMPLE: 4% OIL, 96% WTR



**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: SLVNO2-19DST1

TIME ON: 2005 ( 1/26)  
TIME OFF: 0315 (1/27)

Company L.D. DRLG Lease & Well No. SALVINO #2-19  
Contractor PETROMARK RIG 2 Charge to L.D. DRLG  
Elevation 1949 KB Formation LANSING A - C Effective Pay \_\_\_\_\_ Ft. Ticket No. M265  
Date 1/26/12 Sec. 19 Twp. 16 S Range 13 W County BARTON State KANSAS  
Test Approved By JOSH AUSTIN Diamond Representative MIKE COCHRAN

Formation Test No. 1 Interval Tested from 3128 ft. to 3180 ft. Total Depth 3180 ft.  
Packer Depth 3123 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 3128 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 3117 ft. Recorder Number E1150 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3177 ft. Recorder Number 13386 Cap. 3,875 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 45 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Weight 8.9 Water Loss 8.0 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 2,000 P.P.M. Drill Pipe Length 2983 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 52 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, INC. TO 11" (3/4" BB)  
2nd Open: WSB, BOB 28 MIN. (1" BB)

Recovered <u>1445</u> ft. of <u>GIP</u>	
Recovered <u>5</u> ft. of <u>CO 100% OIL</u>	GRAVITY: <u>36.8 @ 60°</u>
Recovered <u>85</u> ft. of <u>SOCWM 10% OIL, 28% WTR, 62% MUD</u>	
Recovered <u>120</u> ft. of <u>WTR 100% WTR</u>	
Recovered <u>210</u> ft. of <u>TOTAL FLUID</u>	Price Job
Recovered _____ ft. of <u>PH: 7.5</u>	Other Charges
Remarks: <u>RW: .23 @64 °</u>	Insurance
<u>CHLOR: 39,000 PPM</u>	
<u>TOOL SAMPLE: 4% OIL, 96% WTR</u>	Total

Time Set Packer(s) 10:00 P.M. <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 1:00 A.M. <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature 101

Initial Hydrostatic Pressure..... (A) 1483 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 19 P.S.I. to (C) 60 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 532 P.S.I.  
Final Flow Period..... Minutes 45 (E) 80 P.S.I. to (F) 109 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 513 P.S.I.  
Final Hydrostatic Pressure..... (H) 1476 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

## Pressure Survey Report

### General Information

Company Name	L.D. DRLG	Job Number	M266	
Well Name	SALVINO #2-19	Representative	MIKE COCHRAN	
Unique Well ID	DST#2 3180-3227	LANSING D - G	Well Operator	L.D. DRLG
Surface Location	SEC.19-16S-13W	BARTON CO.KS.	Report Date	2012/01/27
Field	WILDCAT	Prepared By	MIKE COCHRAN	
Well Type	Vertical	Qualified By	JOSH AUSTIN	
		Test Unit	NO. 1	

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#2 3180-3227	LANSING D - G	
Test Purpose (AEUB)	Initial Test		
Start Test Date	2012/01/27	Start Test Time	10:50:00
Final Test Date	2012/01/27	Final Test Time	18:30:00
		Well Fluid Type	01 Oil
Gauge Name	E1150		
Gauge Serial Number			

### Test Results

#### Remarks

##### RECOVERED:

GTS @ END OF 2ND OPEN  
477' CO 100% OIL  
191' GWMCEO 10% GAS, 74% EMULSIFIED OIL, 14% WTR, 2% MUD  
215' GMW 2% GAS, 91% WTR, 7% MUD (95' DP, 120' DC)  
877' TOTAL FLUID

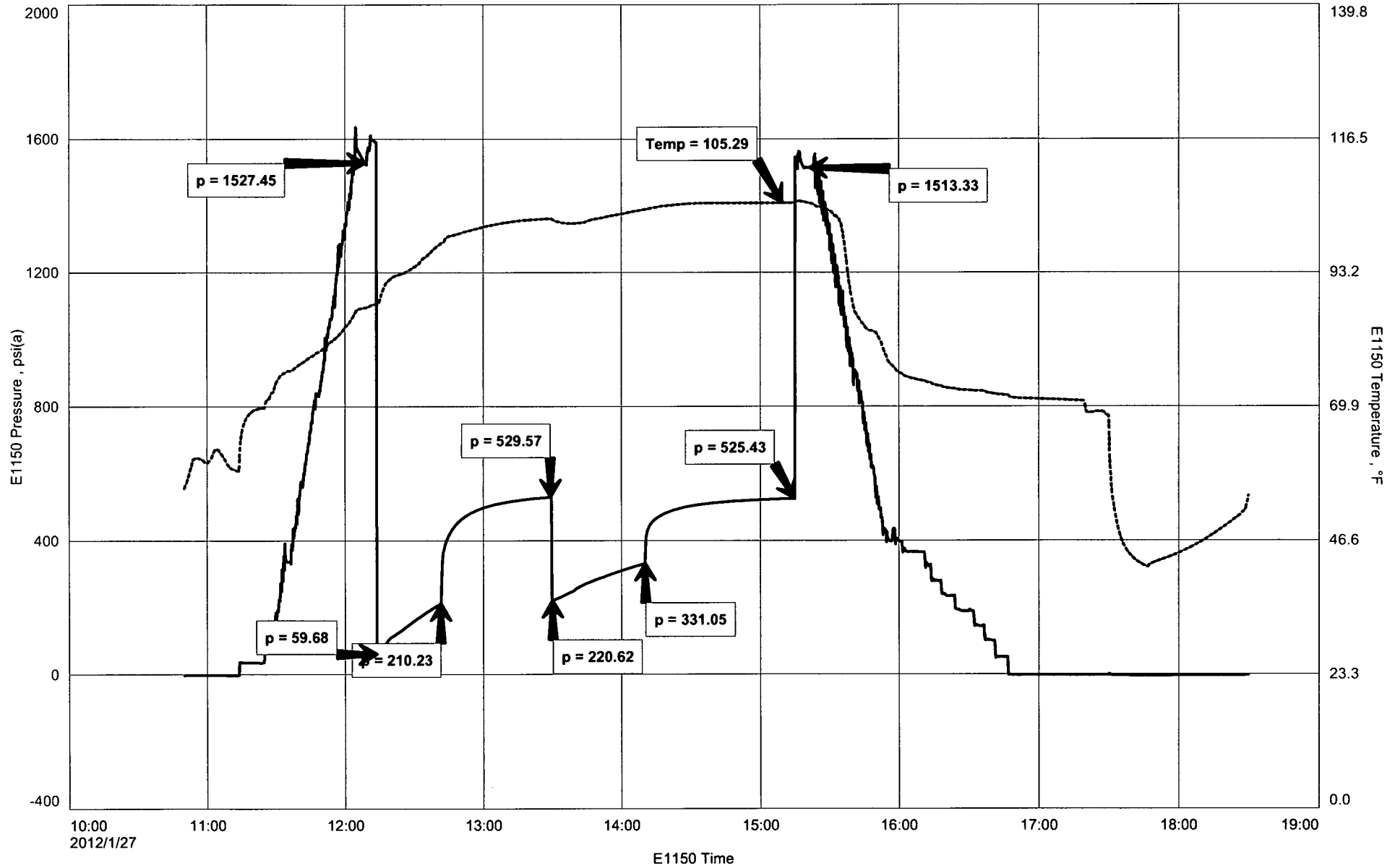
CHLOR: 50,000 PPM  
PH:7.5  
RW: .24 @ 60 DEG  
GRAVITY: 41 @ 60

TOOL SAMPLE: MOSTLY GAS W/ SOME OIL AND WATER

L.D. DRLG  
DST#2 3180-3227 LANSING D - G  
Start Test Date: 2012/01/27  
Final Test Date: 2012/01/27

SALVINO #2-19  
Formation: DST#2 3180-3227 LANSING D - G  
Pool: WILDCAT  
Job Number: M266

# SALVINO #2-19





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: SLVNO2-19DST2

TIME ON: 1050  
TIME OFF: 18:30

Company L.D. DRLG Lease & Well No. SALVINO #2-19  
Contractor PETROMARK RIG 2 Charge to L.D. DRLG  
Elevation 1949 KB Formation LANSING D-G Effective Pay \_\_\_\_\_ Ft. Ticket No. M266  
Date 1/27/12 Sec. 19 Twp. \_\_\_\_\_ 16 S Range \_\_\_\_\_ 13 W County BARTON State KANSAS  
Test Approved By JOSH AUSTIN Diamond Representative MIKE COCHRAN

Formation Test No. 2 Interval Tested from 3180 ft. to 3227 ft. Total Depth 3227 ft.  
Packer Depth 3175 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 3180 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3169 ft. Recorder Number E1150 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3224 ft. Recorder Number 13386 Cap. 3,875 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 50 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Weight 9.0 Water Loss 9.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.

Chlorides 4,600 P.P.M. Drill Pipe Length 3035 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 47 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 1 1/2 MIN ( BOB BB 25 MIN )

2nd Open: GSB, BOB 3 1/2 MIN GTS AT SHUT IN ( BOB BB 15 MIN )

Recovered 477 ft. of CO 100% OIL GRAVITY: 41 @ 60°

Recovered 191 ft. of GWMCEO 10% GAS, 74% EMULSIFIED OIL, 14% WTR, 2% MUD

Recovered 215 ft. of GMW 2% GAS, 91% WTR, 7% MUD (95' DP, 120' DC)

Recovered 883 ft. of TOTAL FLUID

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_ Price Job \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of PH:7.5 Other Charges \_\_\_\_\_

Remarks: RW: .24 @ 60° Insurance \_\_\_\_\_

CHLOR: 50,000 PPM

TOOL SAMPLE: MOSTLY GAS W/ SOME OIL AND WATER Total \_\_\_\_\_

Time Set Packer(s) 12:15 P.M. A.M. P.M. Time Started Off Bottom 3:15 P.M. A.M. P.M. Maximum Temperature 105

Initial Hydrostatic Pressure..... (A) 1527 P.S.I.

Initial Flow Period..... Minutes 30 (B) 60 P.S.I. to (C) 210 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 530 P.S.I.

Final Flow Period..... Minutes 45 (E) 221 P.S.I. to (F) 331 P.S.I.

Final Closed In Period..... Minutes 60 (G) 525 P.S.I.

Final Hydrostatic Pressure..... (H) 1513 P.S.I.

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# DIAMOND TESTING

## Pressure Survey Report

### General Information

Company Name	L.D. DRLG	Job Number	M267
Well Name	SALVINO #2-19	Representative	MIKE COCHRAN
Unique Well ID	DST#3 3256-3330 LANSING H,I,J	Well Operator	L.D. DRLG
Surface Location	SEC.19-16S-13W BARTON CO.KS.	Report Date	2012/01/28
Field	WILDCAT	Prepared By	MIKE COCHRAN
Well Type	Vertical	Qualified By	JOSH AUSTIN
		Test Unit	NO. 1

### Test Information

Test Type	CONVENTIONAL		
Formation	DST#3 3256-3330 LANSING H,I,J		
Test Purpose (AEUB)	Initial Test		
Start Test Date	2012/01/28	Start Test Time	05:25:00
Final Test Date	2012/01/28	Final Test Time	11:40:00
		Well Fluid Type	01 Oil
Gauge Name	e1150		
Gauge Serial Number			

### Test Results

#### Remarks

RECOVERED:  
5'CO 100% OIL  
117' GHOCWM 2% GAS, 34% OIL, 8% WTR, 56% MUD  
122' TOTAL FLUID

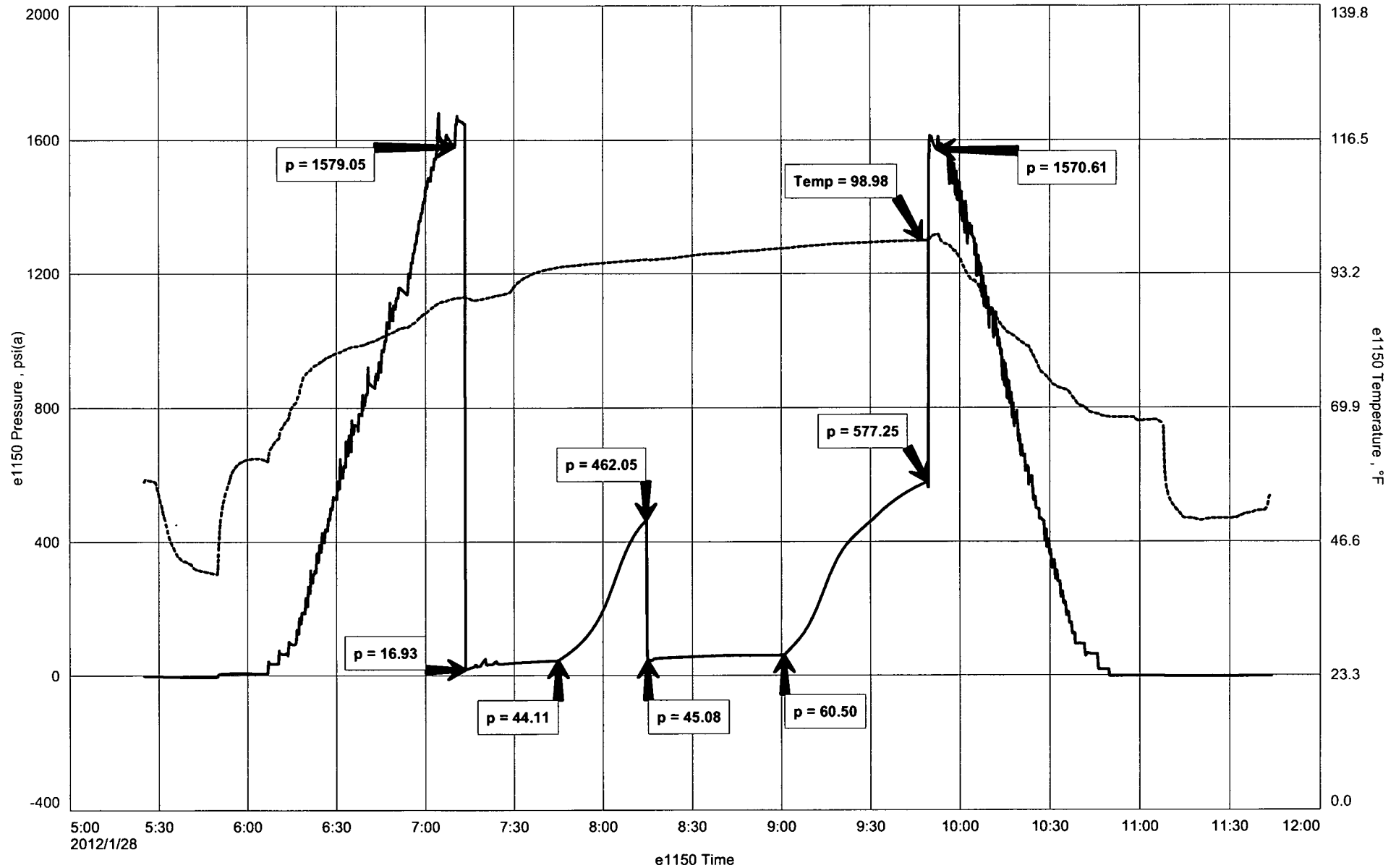
GRAVITY: 42.7 @60 DEG

TOOL SAMPLE:4% GAS, 20% OIL, 2% WTR, 74% MUD

L.D. DRLG  
DST#3 3256-3330 LANSING H,I,J  
Start Test Date: 2012/01/28  
Final Test Date: 2012/01/28

SALVINO #2-19  
Formation: DST#3 3256-3330 LANSING H,I,J  
Pool: WILDCAT  
Job Number: M267

# SALVINO #2-19





**DIAMOND TESTING**  
P.O. Box 157  
**HOISINGTON, KANSAS 67544**  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: SLVNO2-19DST3

TIME ON: 0525  
TIME OFF: 1140

Company L.D. DRLG Lease & Well No. SALVINO #2-19  
Contractor PETROMARK RIG 2 Charge to L.D. DRLG  
Elevation 1949 KB Formation LANSING H,I,J Effective Pay \_\_\_\_\_ Ft. Ticket No. M267  
Date 1/28/12 Sec. 19 Twp. \_\_\_\_\_ 16 S Range \_\_\_\_\_ 13 W County BARTON State KANSAS  
Test Approved By JOSH AUSTIN Diamond Representative MIKE COCHRAN

Formation Test No. 3 Interval Tested from 3256 ft. to 3330 ft. Total Depth 3330 ft.  
Packer Depth 3251 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.  
Packer Depth 3256 ft. Size 6 3/4 in. Packer depth NA ft. Size 6 3/4 in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 3245 ft. Recorder Number E1150 Cap. 5,000 P.S.I.  
Bottom Recorder Depth (Outside) 3327 ft. Recorder Number 13386 Cap. 3,875 P.S.I.  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEM Viscosity 52 Drill Collar Length 120 ft. I.D. 2 1/4 in.  
Weight 9.3 Water Loss 10.4 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in.  
Chlorides 6,000 P.P.M. Drill Pipe Length 3111 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 74 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, INC. TO 11" (NO BB)  
2nd Open: WSB, BOB 28 MIN (2" BB)

Recovered 5 ft. of CO 100% OIL (2' DP, 3' DC) GRAVITY: 42.7 @60°  
Recovered 117 ft. of GHOCWM 2% GAS, 34% OIL, 8% WTR, 56% MUD (117'DC)  
Recovered 122 ft. of TOTAL FLUID

Recovered _____ ft. of _____	Price Job
Recovered _____ ft. of _____	Other Charges
Recovered _____ ft. of _____	Insurance
Remarks: _____	
TOOL SAMPLE: <u>4% GAS, 20% OIL, 2% WTR, 74% MUD</u>	Total

Time Set Packer(s) 7:00 A.M. A.M. P.M. Time Started Off Bottom 9:30 A.M. A.M. P.M. Maximum Temperature 99

Initial Hydrostatic Pressure..... (A) 1579 P.S.I.  
Initial Flow Period..... Minutes 30 (B) 17 P.S.I. to (C) 44 P.S.I.  
Initial Closed In Period..... Minutes 45 (D) 462 P.S.I.  
Final Flow Period..... Minutes 45 (E) 45 P.S.I. to (F) 61 P.S.I.  
Final Closed In Period..... Minutes 60 (G) 577 P.S.I.  
Final Hydrostatic Pressure..... (H) 1571 P.S.I.

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