



KANSAS CORPORATION COMMISSION 1092357  
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>07/30/2012</u>	<u>08/04/2012</u>	<u>08/09/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25727-00-00

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

SW NW SE Sec. 3 Twp. 19 S. R. 15  East  West  
1650 Feet from  North /  South Line of Section  
2310 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE     NW     SE     SW

County: Barton

Lease Name: WEAVER Well #: 2-3

Field Name: OTIS-ALBERT

Producing Formation: REAGAN SAND

Elevation: Ground: 1965 Kelly Bushing: 1965

Total Depth: 3700 Plug Back Total Depth: 3679

Amount of Surface Pipe Set and Cemented at: 934 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: 400 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: L. D. DRILLING, INC.

Lease Name: MERMIS License #: 6039

Quarter SE Sec. 3 Twp. 19 S. R. 15  East  West

County: BARTON Permit #: D21526

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: Deanna Garcia Date: 08/31/2012



1092357

Operator Name: L. D. Drilling, Inc. Lease Name: WEAVER Well #: 2-3  
 Sec. 3 Twp. 19 S. R. 15  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 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 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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

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	3584 - 3586'; 3578 - 3580'		

TUBING RECORD: Size: <u>2.375</u> Set At: <u>3663</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR: <u>08/10/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) <u> </u>
Estimated Production Per 24 Hours	Oil Bbls. <u> </u> Gas Mcf <u> </u> Water Bbls. <u> </u> Gas-Oil Ratio <u> </u> Gravity <u> </u>

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) <u> </u>	PRODUCTION INTERVAL: <u> </u> <u> </u>
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Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	WEAVER 2-3
Doc ID	1092357

Tops

ANHYDRITE	934	+1031
TOPEKA	2952	-987
HEEBNER	3196	-1231
BROWN LIME	3272	-1307
LANSING	3281	-1316
BASE KANSAS CITY	3497	-1532
REAGAN	3577	-1612
GRANITE WASH.	3658	-1693

Form	ACO1 - Well Completion
Operator	L. D. Drilling, Inc.
Well Name	WEAVER 2-3
Doc ID	1092357

Casing

SURFACE	12.25	8.625	24	934	A-CON	175	
SURFACE	12.25	8.625	24	934	COMMON	175	2% CC, 1/4# CF
PRODUC TION	7.875	5.5	14	3698	COMMON	150	18%Salt,5 %Calset,5 #Gilsonite
PRODUC TION	7.875	5.5	14	3698	60/40 POZMIX	60	



**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 06363 A

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

DATE OF JOB: <u>8-5-12</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>ED DRILLING, INC</u>	LEASE: <u>WEAVER</u> WELL NO: <u>2-3</u>								
ADDRESS:	COUNTY: <u>BARTON</u> STATE: <u>KS</u>								
CITY: _____ STATE: _____	SERVICE CREW: <u>KC, ERB, DAE</u>								
AUTHORIZED BY:	JOB TYPE: <u>CRUW - LOWESTRING</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	<u>8-5</u> DATE	AM	TIME
<u>19907</u>		<u>20939</u>	<u>1</u>						<u>0000</u>
		<u>19918</u>				ARRIVED AT JOB		AM	<u>0200</u>
<u>33708</u>	<u>1</u>					START OPERATION		AM	<u>0600</u>
<u>20920</u>						FINISH OPERATION		AM	<u>0700</u>
						RELEASED		AM	<u>0730</u>
						MILES FROM STATION TO WELL			<u>65</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: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF100C	COMMON CEMENT	SK	150		7400.00
CF103	60/40 PZ	SK	60		720.00
CC105	CATY DEFINER	lb.	36		144.00
CC111	SIRT	lb.	1216		608.00
CC112	CEMENT FURTHER REDUCER	lb.	106		636.00
CC113	CYPSUM	lb.	705		528.75
CC201	CEMENT	lb.	750		502.50
CF103	5/8" TOY RUBBER PLUG	EA	1		105.00
CF251	5/8" CHISEL SHOE	EA	1		250.00
CF145	5/8" API BUSHY PLUG	EA	1		215.00
CF165	5/8" TURBOLIZER	EA	6		660.00
E100	PICKUP MILEAGE	mile	65		276.25
E101	TRUCK MILEAGE	mile	130		910.00
E113	BULK DELIVERY	TWA	627		1003.60
CE204	DEPTH CHARGE 3001'-4000'	EA	1		2160.00
CE240	BLENDED CHARGE	SK	210		294.00
CE504	PLUG CONTAINER	EA	1		250.00
S003	SEWER REPERFOR	EA	1		175.00
SUB TOTAL					<u>8878.58</u>

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: <u>K. Conley</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>T.D. Davis</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. \_\_\_\_\_

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer	LD DRILLING INC	Lease No.	INC	Date	8-5-12						
Lease	WEAVER	Well #	2-3								
Field Order #	6363	Station	PRATT, KS	Casing	5 1/2	Depth	3698	County	BARON	State	KS
Type Job	LONG STRING - CNW		Formation	TD 3700'		Legal Description	3-A-15				

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

Customer Representative	LD	Station Manager	SCOTT	Treater	CONDLEY
Service Units	19907	33708-20920	70959-19918		
Driver Names	KG	ERL	DW		

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
0700					ON LOCATION
					RUN 3694' 5 1/2" 14 POS. 87 JTS.
					CHUDE SHOES IF EN 12' SHOES IN
					CENT. - 1-3-4-6-8-10
0500					TAG BOTTOM DROPPABLE - CERE.
					SET 5 1/2" AT 3698'
0600	200		9	6	PUMP 30.5K SCANNER CER COME IN
	200		36	6	PUMP 15.0 SK COMMON 18% SAEI
					5 1/2" CAS SET, 3/4" CER, 1/4" DEFOR
					5 1/2" CARBONATE AT 15.5 SAEI
					STOP - UNST LANE - DROP PLUG
	0		0	6.2	START DESP
	100		61	6.2	LEFT CEMENT
	500		80	2	SLOW RATE
0700	1250		90	2	PLUG DOWN - HEAD
					RUN RATHOLE - 30 SK 6 1/4" POL
0730					JOB COMPLETE - RETURN



# Petromark Drilling

## PIPE TALLY

RTD - 3700  
LTD - 37021

CUSTOMER LU LINER 2-2 DATE 8-4

CARRIER \_\_\_\_\_ /B.L.# \_\_\_\_\_ CUST. ORDER NO. \_\_\_\_\_

STORE LOCATION \_\_\_\_\_ P.O.# \_\_\_\_\_ LOCATION: \_\_\_\_\_

SIZE 2 1/2 WT. \_\_\_\_\_ GRADE \_\_\_\_\_ MILL \_\_\_\_\_ RANGE \_\_\_\_\_ THREAD \_\_\_\_\_

No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.
1	12	60	26	43	19	51	43	20	76	38	41	101			126			151			176		
2	11	27	27	43	23	52	43	29	77	42	22	102			127			152			177		
3	43	20	28	43	20	53	43	22	78	39	43	103			128			153	3790.72		178	-90	JK
4	43	25	29	43	23	54	43	23	79	42	19	104			129			154	-148		179	+90	
5	43	29	30	43	22	55	43	21	80	42	21	105			130			155	4313		180	+88	
6	43	26	31	43	25	56	44	15	81	40	18	106			131			156	-3871		181	+76	
7	43	21	32	43	25	57	43	26	82	42	09	107			132			157			182		
8	40	45	33	42	48	58	42	18	83	42	16	108			133			158	3674		183	-87	JK
9	43	25	34	43	25	59	43	20	84	43	22	109			134			159	+65		184	-LJ	
10	41	25	35	42	23	60	43	12	85	43	21	110			135			160	3700.5		185		
11	42	22	36	43	15	61	41	28	86	42	20	111			136			161			186		
12	42	22	37	43	23	62	42	19	87	43	23	112			137			162			187		
13	43	21	38	43	26	63	43	17	88	43	24	113			138			163	SEI		188	5 1/2	AT
14	43	20	39	43	25	64	43	24	89	43	13	114			139			164			189		
15	43	23	40	43	22	65	43	29	90	44	28	115			140			165	3678		190		
16	43	19	41	43	19	66	43	22	91			116			141			166			191		
17	43	19	42	43	23	67	43	23	92			117			142			167			192		
18	40	41	43	43	19	68	43	22	93			118			143			168			193		
19	43	24	44	43	20	69	42	29	94			119			144			169			194		
20	43	23	45	43	21	70	40	32	95			120			145			170			195		
21	43	24	46	43	18	71	43	20	96			121			146			171			196		
22	40	25	47	43	31	72	43	04	97			122			147			172			197		
23	43	24	48	39	18	73	43	24	98			123			148			173			198		
24	41	27	49	43	26	74	43	23	99			124			149			174			199		
25	43	24	50	43	22	75	43	26	100			125			150			175			200		
Total																							

NO. JOINTS 90

TALLIED BY ET

FOOTAGE \_\_\_\_\_ TOTAL 3790.72 FT.

RECEIVED BY \_\_\_\_\_



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

142414518  
FIELD SERVICE TICKET

1718 06524 A

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

DATE OF JOB: 07-31-12		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.P. Billing		LEASE: W/SHVER		WELL NO. 2-3					
ADDRESS:		COUNTY: BARTON		STATE: KS					
CITY:		STATE:		SERVICE CREW: Sullivan, Another, Sandoz					
AUTHORIZED BY:		JOB TYPE: CNW 95% Surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED: 07-31-12	DATE	AM	TIME
19857-19843	45					ARRIVED AT JOB		AM	12:45
17831-19801	45					START OPERATION		AM	3:15
37900						FINISH OPERATION		AM	4:00
						RELEASED		AM	4:15
						MILES FROM STATION TO WELL			65

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 101	A-Cond cont	SK	175		3,150.00
CP 100-C	Coilman cont	SK	175		2,800.00
CC 102	CollMkts	lb	89		2,256.00
CC 107	Collman chaps	lb	825		8,100.00
CF 105	TOP Rubber Plug 3 5/8	EA	1		225.00
E 100	Brake oil	qt	65		276.00
E 101	Hydraulic Fluid	qt	130		910.00
S 113	Brake Pad	TRM	1073		1,716.00
PE 201	Drill bit	EA	1		1,200.00
PE 240	Blowdown	SK	350		490.00
PE 304	Plug Coupler	EA	1		240.00
S 003	Solvent	lb	1		175.00

SUB TOTAL **DLS** 9,289.00

CHEMICAL / ACID DATA:	

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
<i>[Signature]</i>		TOTAL

SERVICE REPRESENTATIVE: *[Signature]*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. \_\_\_\_\_



# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <i>L.D. Drilling</i>	Lease No.	Date <i>07-31-12</i>
Lease <i>WEAVER</i>	Well # <i>2-3</i>	
Field Order # <i>4584</i>	Station <i>PRATT 145</i>	Casing <i>5 7/8</i>
		Depth <i>139</i>
Type Job <i>CNW 3 1/2 Surface</i>	Formation	Legal Description <i>3-17-15</i>
		County <i>BARTON</i>
		State <i>KS</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 7/8</i>				Pre Pad	Max		5 Min.	
Depth <i>139</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>57</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>500</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>PC</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>479</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert J. M.</i>
Service Units <i>37800</i>	<i>19829</i>	<i>KAY 3</i>
Driver Names <i>Sullivan</i>	<i>R. Noth</i>	<i>Simple</i>
	<i>19831</i>	<i>19867</i>

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>1245</i>					<i>on bus soft, no log</i>
					<i>Run 22 JTS 8 1/2 23 csg</i>
<i>3:00</i>					<i>Casing on Bottom</i>
<i>3:10</i>					<i>Hook up to circ csg</i>
<i>3:05</i>	<i>250</i>		<i>3</i>	<i>4</i>	<i>at surface</i>
			<i>77</i>	<i>55</i>	<i>min cut 175 sk A-con cmr 12 H2O</i>
			<i>37</i>		<i>min total cut 175 sk 5 min 2% c.c. 4EE</i>
					<i>cut mixed shut down</i>
					<i>Release Plug</i>
				<i>400</i>	<i>at deep</i>
<i>4:00</i>	<i>300</i>		<i>37</i>		<i>circ plug down</i>
					<i>circ 15 min cmr target</i>
					<i>5013 complete</i>
					<i>Thank you</i>

# KIM B. SHOEMAKER

CONSULTING GEOLOGIST

314 884 9706 \* WICHITA, KS

## GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

BY L.D. DRILLING, INC.

BY F. Z. MEYER

BY OIS-ALBERT

NO. 1650 EST. 4 2310 TEL. SW NW/SE

SECTION 19S - 15W

COUNTY BARTON STATE KANSAS

WELL NO. RETROMARK DRILLING Rig 2

DATE 7-30-12 TO 8-5-12

DEPTH 3700 TO 5702

LOG TYPE 2800 CHEMICAL

OPERATORS

BY 1985

DATE 1980

SCALE 1985 X8

PROJECT 1985 X8

WELL NO. 1985 X8

SECTION 19S - 15W

COUNTY BARTON

STATE KANSAS

NO. 1650 EST. 4 2310 TEL. SW NW/SE

DATE 7-30-12

TIME 8:58 AM

BY OIS-ALBERT

DATE 8-5-12

TIME 5:10 PM

BY F. Z. MEYER

DATE 7-30-12

TIME 1:00 PM

BY OIS-ALBERT

DATE 8-5-12

TIME 10:00 AM

BY F. Z. MEYER

DATE 7-30-12

TIME 8:00 AM

BY OIS-ALBERT

DATE 8-5-12

TIME 10:00 AM

BY F. Z. MEYER

DATE 7-30-12

TIME 8:00 AM

BY OIS-ALBERT

DATE 8-5-12

TIME 10:00 AM

BY F. Z. MEYER

DATE 7-30-12

TIME 8:00 AM

APPENDIX	LOG	TIME
APPENDIX 1	LOG	TIME
APPENDIX 2	LOG	TIME
APPENDIX 3	LOG	TIME
APPENDIX 4	LOG	TIME
APPENDIX 5	LOG	TIME
APPENDIX 6	LOG	TIME
APPENDIX 7	LOG	TIME
APPENDIX 8	LOG	TIME
APPENDIX 9	LOG	TIME
APPENDIX 10	LOG	TIME
APPENDIX 11	LOG	TIME
APPENDIX 12	LOG	TIME
APPENDIX 13	LOG	TIME
APPENDIX 14	LOG	TIME
APPENDIX 15	LOG	TIME
APPENDIX 16	LOG	TIME
APPENDIX 17	LOG	TIME
APPENDIX 18	LOG	TIME
APPENDIX 19	LOG	TIME
APPENDIX 20	LOG	TIME
APPENDIX 21	LOG	TIME
APPENDIX 22	LOG	TIME
APPENDIX 23	LOG	TIME
APPENDIX 24	LOG	TIME
APPENDIX 25	LOG	TIME
APPENDIX 26	LOG	TIME
APPENDIX 27	LOG	TIME
APPENDIX 28	LOG	TIME
APPENDIX 29	LOG	TIME
APPENDIX 30	LOG	TIME
APPENDIX 31	LOG	TIME
APPENDIX 32	LOG	TIME
APPENDIX 33	LOG	TIME
APPENDIX 34	LOG	TIME
APPENDIX 35	LOG	TIME
APPENDIX 36	LOG	TIME
APPENDIX 37	LOG	TIME
APPENDIX 38	LOG	TIME
APPENDIX 39	LOG	TIME
APPENDIX 40	LOG	TIME
APPENDIX 41	LOG	TIME
APPENDIX 42	LOG	TIME
APPENDIX 43	LOG	TIME
APPENDIX 44	LOG	TIME
APPENDIX 45	LOG	TIME
APPENDIX 46	LOG	TIME
APPENDIX 47	LOG	TIME
APPENDIX 48	LOG	TIME
APPENDIX 49	LOG	TIME
APPENDIX 50	LOG	TIME

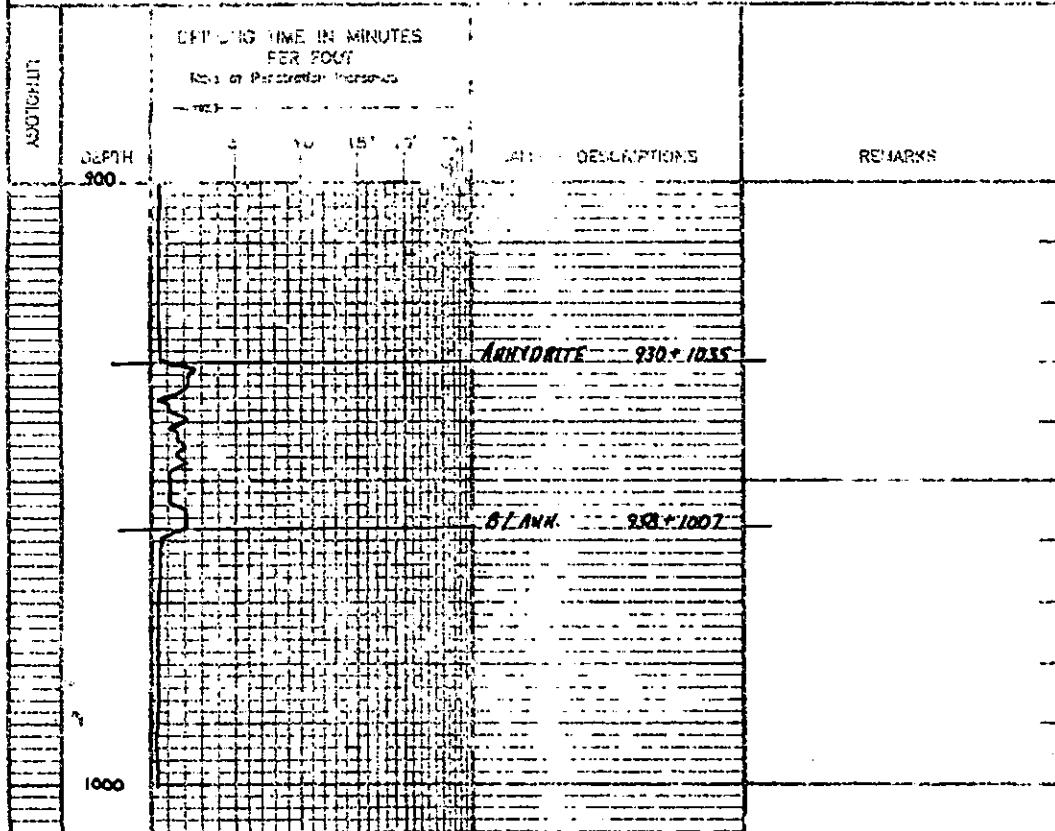
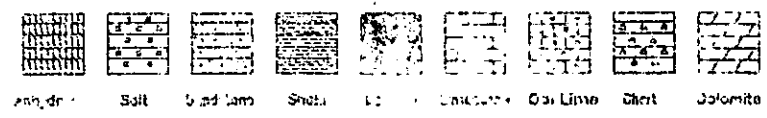
REMARKS

7:30 @ 5700  
 7:31 @ 421  
 8:1 @ 1918  
 8:1 @ 2465  
 8:1 @ 3218  
 8:4 @ 3588  
 8:5 @ 3702

APRIL 15 - 009 - 25227

E-109  
 CHALK 1832+183  
 WID. 1882+183

### LEGEND





1000

2850

2900

3000

3100

HOWARD 2874-909

1. Samples are tagged

Sh. & G. Silty

TOPEKA 2950-985

15. 7' of 1st. Bas. Silty

16. 7' of 2d. Feil. S.S.

17. 7' of 3d. Feil. S.S.

18. 7' of 4th. Silty Feil. S.S.

19. 7' of 5th. Silty Feil. S.S.

20. 7' of 6th. Silty Feil. S.S.

21. 7' of 7th. Silty Feil. S.S.

22. 7' of 8th. Silty Feil. S.S.

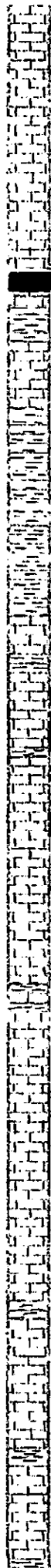
23. 7' of 9th. Silty Feil. S.S.

24. 7' of 10th. Silty Feil. S.S.

25. 7' of 11th. Silty Feil. S.S.

26. 7' of 12th. Silty Feil. S.S.

27. 7' of 13th. Silty Feil. S.S.



3200

TORONTO

DOUGLAS

HEEDNER 3185-1230

66. 60

41. To wt. 50 lbs. 30. 20. 10. 5. 2. 1. 0.5

45. 51. 43. 34

37. 31. 24. 17. 10. 5. 2. 1. 0.5

31. 24. 17. 10. 5. 2. 1. 0.5

24. 17. 10. 5. 2. 1. 0.5

BROWN LINE 3270-1305

15. 8. 5. 3. 2. 1. 0.5

LANSING 3281-1316

15. 8. 5. 3. 2. 1. 0.5

12. 7. 4. 2. 1. 0.5

3300

15. 8. 5. 3. 2. 1. 0.5

15. 8. 5. 3. 2. 1. 0.5

12. 7. 4. 2. 1. 0.5

12. 7. 4. 2. 1. 0.5

12. 7. 4. 2. 1. 0.5

12. 7. 4. 2. 1. 0.5

12. 7. 4. 2. 1. 0.5

12. 7. 4. 2. 1. 0.5

12. 7. 4. 2. 1. 0.5

3400

15. 8. 5. 3. 2. 1. 0.5

15. 8. 5. 3. 2. 1. 0.5

15. 8. 5. 3. 2. 1. 0.5

15. 8. 5. 3. 2. 1. 0.5

15. 8. 5. 3. 2. 1. 0.5

15. 8. 5. 3. 2. 1. 0.5

15. 8. 5. 3. 2. 1. 0.5



## GENERAL INFORMATION

### Client Information:

Company: L D DRILLING INC

Contact: LD DAVIS

Phone: Fax: e-mail:

### Site Information:

Contact: KIM SHOEMAKER

Phone: Fax: e-mail:

### Well Information:

Name: WEAVER 2-3

Operator: L D DRILLING INC

Location-Downhole:

Location-Surface: S3/19S/15W

### Test Information:

Company: DIAMOND TESTING

Representative: JOHN RIEDL

Supervisor: KIM SHOEMAKER

Test Type: DST #1 CONVENTIONAL Job Number: D1191

Test Unit:

Start Date: 2012/08/04 Start Time: 03:30:00

End Date: 2012/08/04 End Time: 09:30:00

Report Date: 2012/08/04 Prepared By: JOHN RIEDL

Qualified By: KIM SHOEMAKER

### Remarks:

RECOVERY: 430' GAS+MUD CUT OIL, 150' MUDDY WATER



**DIAMOND TESTING**  
P.O. Box 157  
HOISINGTON, KANSAS 67544  
(800) 542-7313  
**DRILL-STEM TEST TICKET**  
FILE: STC/Weaver2-3dst1

TIME ON: 03:30 08/04/12

TIME OFF: 19:30 08/04/12

Company L D DRILING INC Lease & Well No. WEAVER 2-3  
Contractor PETROMARK RIG 2 Charge to L D DRILLING INC  
Elevation 1965 K,B Formation REAGAN Effective Pay \_\_\_\_\_ Ft. Ticket No. D1191  
Date 8/04/12 Sec. 3 Twp. 19 S Range 15 W County BARTON State KANSAS  
Test Approved By KIM SHOEMAKER Diamond Representative JOHN RIEDL

Formation Test No. 1 Interval Tested from 3495 ft. to 3588 ft. Total Depth 3588 ft.

Packer Depth 3490 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

Packer Depth 3495 ft. Size 6 3/4 in. Packer depth \_\_\_\_\_ ft. Size 6 3/4 in.

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

Top Recorder Depth (Inside) 3498 ft. Recorder Number 30046 Cap. 6000 P.S.I.

Bottom Recorder Depth (Outside) 3585 ft. Recorder Number 11073 Cap. 4000 P.S.I.

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_ P.S.I.

Mud Type CHEMICAL Viscosity 48 Drill Collar Length 120 ft. I.D. 2 1/4 in.

Weight 9.3 Water Loss 11.2 cc. Weight Pipe Length 0 ft. I.D. 2 7/8 in

Chlorides 5,000 P.P.M. Drill Pipe Length 3349 ft. I.D. 3 1/2 in

Jars: Make STERLING Serial Number #2 Test Tool Length 26 ft. Tool Size 3 1/2-IF in

Did Well Flow? NO Reversed Out NO Anchor Length 93 ft. Size 4 1/2-FH in

Main Hole Size 7 7/8 Tool Joint Size 4 1/2 XH in. Surface Choke Size 1 in. Bottom Choke Size 5/8 in

Blow: 1st Open: STRONG (B.O.B 4 MINUTE) GOOD BB 6"

2nd Open: STRONG (B,O,B 5 MINUTE) GTS DURING SHUT-IN GOOD BB

Recovered 430 ft. of M+GCO (10%MUD 25%GAS 65%OIL)

Recovered 150 ft. of MW (20%MUD 80%WATER) CHLORIDES 40,000Ppm

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Recovered 0 ft. of \_\_\_\_\_

Remarks: TOTAL FLUID RECOVERY:580'(120' IN DRILL COLLARS, 460' IN DRILL PIPE)

Price Job \_\_\_\_\_

Other Charges \_\_\_\_\_

Insurance \_\_\_\_\_

Total \_\_\_\_\_

Time Set Packer(s) 4:15 A.M. A.M. Time Started Off Bottom 7:15 A.M. A.M. Maximum Temperature 120

Initial Hydrostatic Pressure..... (A) 1701 P.S.I.

Initial Flow Period..... Minutes 30 (B) 89 P.S.I. to (C) 169 P.S.I.

Initial Closed In Period..... Minutes 45 (D) 764 P.S.I.

Final Flow Period..... Minutes 45 (E) 182 P.S.I. to (F) 261 P.S.I.

Final Closed In Period..... Minutes 60 (G) 723 P.S.I.

Final Hydrostatic Pressure..... (H) 1692 P.S.I.

Diamond Testing shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statement or opinion concerning the result of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

L D DRILLING INC  
Start Test Date: 2012/08/04  
Final Test Date: 2012/08/04

WEAVER 2-3  
Formation: REAGAN  
Job Number: D1191

# WEAVER 2-3

