KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1088514

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: NA
Purchaser: NA

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: EL DORADO REFINING COMPANY
Well Name: SWANSON B #1
Original Comp. Date: 07/26/1956 Original Total Depth: 3973

☑ 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 #:

07/12/2012	07/15/2012	07/19/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-155-00007-00-01
Spot Description:
S2 - NE - SE - NW Sec. 23 Twp. 23 S. R. 5 ☐ East ☑ West
1660 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: Reno
Lease Name: SWANSON OWWO SWD Well #: 2
Field Name: NA
Producing Formation: HUNTON
Elevation: Ground: 1504 Kelly Bushing: 1507
Total Depth: 4500 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 701 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set: 1007 Feet
If Alternate II completion, cement circulated from: 1007
feet depth to: 0 w/ 120 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:** 07/27/2012

Side Two

1088514

Operator Name: L. D. Drilling, Inc. Lease Name: SWANSON OWWO SWD Well #: 2

Sec. 23 Twp. 23 S. R. 5 ☐ East ☑ West County: Reno

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☐ Yes ☑ No

Electric Log Submitted Electronically ☐ Yes ☐ No
(If no, Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
NA		

CASING RECORD ☑ New ☐ 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
PRODUCTION	7.875	5.5	14	4032	A-SERV LITE	130	2% CC, 1/4# CF
PRODUCTION	7.875	5.5	14	4032	COMMON	150	.25%Defoamer,18%Salt
TOP STAGE	7.875	5.5	14	1007	A-CONN	120	3% CC, 1/4# 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
		3000 gal 28% Acid	

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:
	2.875	3975	3975	☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR.

Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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 06728 A

23-23S-5W

DATE TICKET NO.

DATE OF JOB 7-15-12 DISTRICT Pratt, Kansas	NEW WELL ☐ OLD WELL ☑ PROD ☐ INJ ☑ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER L.D. Drilling, Incorporated	LEASE Swanson S.W.D. WELL NO. 2
ADDRESS	COUNTY Reno STATE Kansas
CITY STATE	SERVICE CREW C. Messick: M. Mattal: D. Phye
AUTHORIZED BY	JOB TYPE: C.C.S.P.W. - Longstring

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
37,216	1.25				
19,903-19,905	1.25				
19,826-19,918	1.25				

	DATE	AM/PM	TIME
TRUCK CALLED	7-14-12	AM PM	10:20
ARRIVED AT JOB	7-15-12	AM PM	3:00
START OPERATION		AM PM	5:15
FINISH OPERATION		AM PM	6:30
RELEASED	7-15-12	AM PM	6:45
MILES FROM STATION TO WELL			65

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
CP106	A Serv Lite Cement	sk	130		1,690 00
CP100C	Common Cement	sk	150		2,400 00
CC105	C-41P	Lb	36		144 00
CC111	Salt	Lb	1,216		608 00
CC112	Cement Friction Reducer	Lb	106		636 60
CC113	Gypsum	Lb	705		528 75
CC201	Gilsonite	Lb	750		502 50
CC102	Cellflake	Lb	31		114 70
CC109	Calcium Chloride	Lb	228		239 40
CF1051	Packer Shoe, 5½"	ea	1		2800 00
CF607	Latch Down Plug and Baffle, 5½"	ea	1		400 00
CF1901	Basket, 5½"	ea	2		580 00
CF1651	Turbolizer, 5½"	ea	2		220 00
CF481	Port Collar, 5½"	ea	1		3,500 00

SUB TOTAL

CHEMICAL / ACID DATA:

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

SERVICE REPRESENTATIVE Laurence R. Mitchell

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

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

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 06729 A

23-23S-5W

DATE TICKET NO.

DATE OF JOB 7-15-12 DISTRICT Pratt, Kansas	NEW WELL ☐ OLD WELL ☑ PROD ☐ INJ ☑ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER L. D. Drilling, Incorporated	LEASE Swanson S.W.D. WELL NO. 2
ADDRESS	COUNTY Reno STATE Kansas
CITY STATE	SERVICE CREW C. Messick: M. Mattal: D. Phye
AUTHORIZED BY	JOB TYPE: C.C.S.P.W. - Longstring

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS

	DATE	AM PM	TIME
TRUCK CALLED		AM PM	
ARRIVED AT JOB		AM PM	
START OPERATION		AM PM	
FINISH OPERATION		AM PM	
RELEASED		AM PM	
MILES FROM STATION TO WELL			

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
E 100	Pickup Mileage	mi	65		$ 276 25
E 101	Heavy Equipment Mileage	mi	130		$ 910 00
E 113	Bulk Delivery	tm	829		$ 1,326 00
		hr			
CE 205	Cement Pump: 4,001 Feet To 5,000 Feet	hrs.	4		$ 2,520 00
CE 240	Blending and Mixing Service	sk	280		$ 392 00
CE 504	Plug Container	Job	1		$ 250 00
5003	Service Supervisor	hrs.	8		$ 175 00

CHEMICAL / ACID DATA:			

SUB TOTAL		$ 15159 45
SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
TOTAL		

SERVICE REPRESENTATIVE Deanna R. Messick

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

FIELD SERVICE ORDER NO.

BASIC energy services, L.P.

TREATMENT REPORT

Customer: L.D. Drilling, Incorporated	Lease No.		Date: 7-15-12		
Lease: Swanson S.W.D.	Well #: 2				
Field Order #: 6,728	Station: Pratt, Kansas	Casing: 5½" 14Lb	Depth: 4,032Ft.	County: Reno	State: Kansas
Type Job: C.C.S.P.W.- Long string	Formation		Legal Description: 23-23S-5W		

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 5½ 14Lb/Ft.	Tubing Size	Shots/Ft	100sacks	Acid: A-Serv Lite	with 2% Calcium Chloride, .25Lb/sk. Ce	RATE	PRESS	ISIP
Depth: 4,032 Feet	Depth	From	150sacks	Pre Pad: Common with	Max: .75% Friction Reducer, .25% Defoamer,			5 Min.
Volume: 98.4 Bbl.	Volume	From	To 1885	Pad: salt, 5Lb/sk. Gi	Min: sonite			10 Min.
Max Press: 1,000 P.S.I.	Max Press	From	To	Frac	Avg			15 Min.
Well Connection: Plug Container	Annulus Vol.	From	To 30sacks	A-Serv Lite	HHP Used: To Plug Rat Hole			Annulus Pressure
Plug Depth: 4,017 Feet	Packer Depth	From	To	Flush: 98 Bbl. Fres	Gas Volume: h Water			Total Load

Customer Representative: Jim Michols | Station Manager: David Scott | Treater: Clarence R. Messick

Service Units	37,216	19,903	19,905	19,826	19,918						
Driver Names	Messick	Mattal		Phye							

Time A.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:00				Trucks on location and hold safety meeting.	
					Casing being run upon arrival.
					Port Collar is at 1,007 Feet down.
4:45					Casing in well. Circulate for
					Shut in well. Pressure Test. Open Well.
5:15	800				Set Packer shoe.
	300			6	Start mixing 100 sacks A-Serv Lite cement
5:24	300		42	6	Start mixing 150 sacks Common cement.
	-0-		78		Stop pumping. Shut in well. Wash pump
					and lines. Release Latch Down Plug. Open Well.
5:32	100			6.5	Start Fresh Water Displacement.
			60	5	Start to lift cement.
	600		98		Plug down.
	1,000				Pressure up.
					Release pressure.
5:46	-0-		7	3	Plug Rat Hole.
					Wash up pump truck.
6:45					Job Complete.
					Thank You.
					Clarence, Mike, Dale

Petromark Drilling

PIPE TALLY

CUSTOMER Ld Swason AWO #2 DATE 1-13-12

CARRIER _____ /B.L.# _____ CUST. ORDER NO. _____

STORE LOCATION _____ P.O. # _____ LOCATION: _____

SIZE 5 1/2 WT. _____ GRADE _____ MILL _____ RANGE _____ THREAD _____

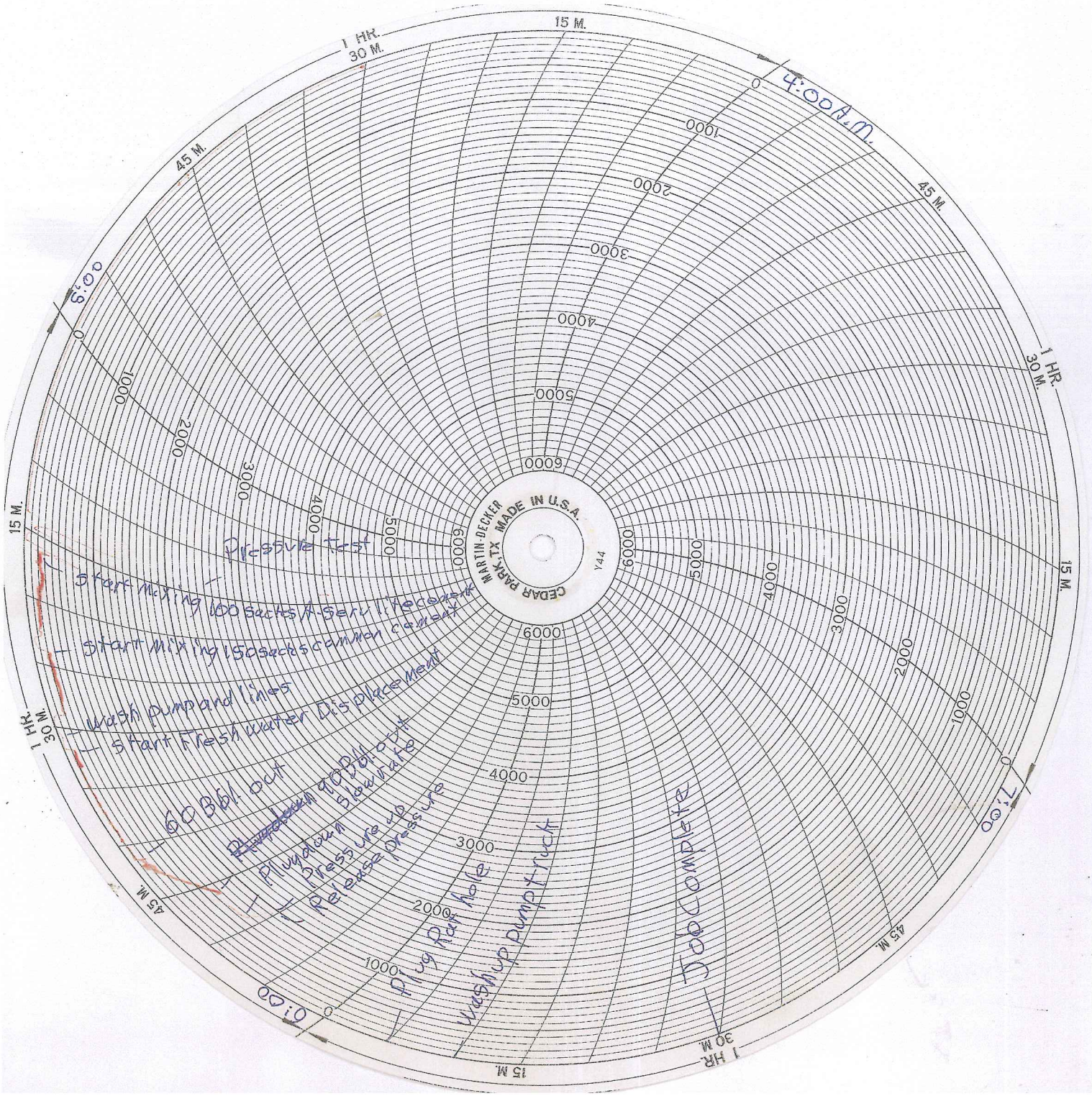
No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.	No.	Ft.	In.
1	41	65	26	42	13	51	43	25	76	43	25	101			126	4072.24		151			176		
2	42	02	27	43	23	52	43	26	77	43	27	102			~~127~~	43	19	152			177		
3	43	22	28	38	32	53	43	25	78	43	25	103			128	4029.05		153			178		
4	43	19	29	40	38	54	43	24	79	43	24	104			129	+ 3.00		154	L.J.		179		
5	41	57	30	43	23	55	43	23	80	40	46	105			130	4032.05		155	5 + 5		180		
6	41	97	31	38	14	56	41	03	81	43	20	106			131			156			181		
7	41	96	32	42	04	57	43	23	82	43	24	107			132			157			182		
8	43	20	33	43	26	58	43	20	83	43	23	108			133			158			183		
9	43	22	34	42	03	59	43	26	84	40	21	109			134			159			184		
10	43	25	35	41	48	60	42	09	85	43	25	110			135	Port Collar Top		160			185	72	ft
11	40	54	36	40	53	61	43	29	86	43	26	111			136			161			186		
12	43	23	37	38	24	62	43	19	87	43	24	112			137	Top Jt		162	72 ft		187		
13	41	39	38	43	26	63	39	99	88	43	27	113			138			163	1003.76		188		
14	43	22	39	39	06	64	43	30	89	43	22	114			139			164	+ 3.		189		
15	43	25	40	43	30	65	41	62	90	39	24	115			140			165	1006.76		190	P.C.	
16	43	26	41	43	26	66	43	25	91	43	19	116			141			166			191		
17	43	20	42	43	33	67	41	48	92	43	24	117			142			167			192		
18	43	22	43	43	24	68	43	22	93	43	29	118			143			168			193		
19	43	24	44	38	42	69	43	28	94	43	28	119			144			169			194		
20	43	23	45	43	28	70	43	26	95	43	21	120			145			170			195		
21	42	09	46	43	23	71	42	05	96	43	19	~~121~~	out		146			171			196		
22	43	24	47	43	26	72	40	57	97	21	31	122			147			172			197		
23	43	27	48	43	22	73	42	12	98			123			148			173			198		
24	43	20	49	43	24	74	43	30	99			124			149			174			199		
25	43	27	50	43	26	75	42	09	100			125			150			175			200		
Total	1041	10		1046	57		1005	03		919	34												

NO. JOINTS 97

TALLIED BY LT

FOOTAGE _____ TOTAL ~~4042.88~~ 4072.24 FT. _____

RECIEVED BY _____


4:00 A.M.
Pressure Test
Start Mixing 100 Sacks A-Serv Flocele mix
Start Mixing 150 sacks common cement
Wash pump and lines
Start Fresh water Displacement
60 Bbl. out
Plug down
Pressure up
Release Pressure
Plug Rat hole
Wash up pump truck
Rig Complete
7:00
0:30
0:00
MARTIN-DECKER
MADE IN U.S.A.
CEDAR PARK, TX
Y44

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 06361 A

DATE TICKET NO.

DATE OF JOB 7-18-12 DISTRICT PRATT, KS.	NEW WELL ☐ OLD WELL ☑ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER L.D. DRILLING, INC.	LEASE SWANSON SWD WELL NO. 2
ADDRESS	COUNTY RENO STATE KS.
CITY STATE	SERVICE CREW K.C., ROB MIKE C., PAT
AUTHORIZED BY	JOB TYPE: CCSFW - PORT COLLAR

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
19907		19959	1		
		19860			
33708	2				
20920		17083	1		
		19813			

TRUCK CALLED	7-17 DATE	AM PM TIME 0830
ARRIVED AT JOB		AM PM 1400
START OPERATION		AM PM 1430
FINISH OPERATION	7-18	AM PM 1800
RELEASED	7-18	AM PM 1830
MILES FROM STATION TO WELL		65

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
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SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP101	A-CON CEMENT	SK.	120		2160 00
CC102	CELLOFLAKE	lb.	31		114 70
CC109	CALCIUM CHLORIDE	lb.	342		359 10
E100	PICKUP MILEAGE	mile	65		276 25
E101	TRUCK MILEAGE	mile	130		910 00
E113	BULK DELIVERY	TM	367		587 60
CE202	DEPTH CHARGE 1001'-2000'	EA.	1		1500 00
CE240	BLENDING CHARGE	SK.	120		168 00
S003	SERVICE SUPERVISOR	EA	1		175 00
MX 329	28% HCL	gal	3000		11,100 00
MX 342	FE CONVERSION	gal	3000		750 00
C204	C-24-IEP INHIB.	gal	12		900 00
E110	TRANSPORT DELIVERY CHARGE	HR	4		600 00
E101	TRUCK MILEAGE	mile	65		455 00
E101	TRUCK MILEAGE	mile	65		455 00
E300	ACID PUMP	EA.	1		900 00

SUB TOTAL 16,057.99

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE

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

FIELD SERVICE ORDER NO.

CLOUD LITHO - Abilene, TX

PAGE 1

BASIC energy services, L.P.

TREATMENT REPORT

Customer L.D. DRILLING INC.	Lease No.		Date 7-17-12
Lease SWANSON SWD	Well # 2		
Field Order # 6561	Station PRATT, KS	Casing 5½ Depth 4032	County RENO State KS
Type Job CCSFW - PORT COLLAR	Formation		Legal Description 23-23-5

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5½	Tubing Size 2⅞	Shots/Ft		Acid PORT COLLAR	RATE	PRESS	ISIP
Depth 4032	Depth 4009	From	To	Pre Pad AT 1006'	Max		5 Min.
Volume	Volume 5.8	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac 85/8 AT 701'	Avg		15 Min.
Well Connection	Annulus Vol.	From	To	13⅜ AT 271'	HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative LD Station Manager SCOTT Treater GORDLEY

Service Units	19790	35708	20820	19959	19860			
Driver Names	JOE	ROBERT		MIKE L.				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1400					ON LOCATION
					FOUND PORT COLLAR AT 1006'
1430	850		1	1	PSI TEST CASING - 850#
					OPEN PORT COLLAR
1440		200	3	2	ESTABLISH INJECTION
		200	6	2	RATE - CIRC. OUT OF 8⅝ B.H.
		250	0	3	START MIX CEMENT
		250	52	3	CMT. CEMENT OUT 8⅝ B.H.
					* 120 SK. A-CON CEMENT 3% CC,
					¼#/SK CELLFLAKE AT 12.0 PPG
		350	5	3	PUMP 5 BBL. H2O
					CLOSE PORT COLLAR
1500	850				PSI TEST CASING - 850#
					RUN 5 JTS TBG
1515	150		15	2	CIRCULATE WELL CLEAN
					PULL TBG
					RUN BIT & 4 COLLARS
1744					START DRILL SHOE JT. - 14'
1830					ACID TRANSPORT ON LOC.
2130					FINISH FOR TODAY
0800					ON LOCATION 7/18/12
1500					DRILL OUT PACKER SHOE AT 3:00 PM

Taylor Printing, Inc. 620-672-3656

PAGE 2

BASIC energy services, L.P.

TREATMENT REPORT

Customer: LD DRILLING, INC	Lease No.		Date: 7-18-12		
Lease: SWANSON SWD	Well #: 2				
Field Order #: 6261	Station: PRATT, KS	Casing: 5 1/2	Depth: 4032	County: RENO	State: KS
Type Job: ACID - NEW	Formation: ARB.		Legal Description: 23-23-5		

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 5 1/2	Tubing Size: 2 7/8	Shots/Ft: OPEN	Hole	Acid: 3000 gallon	RATE	PRESS	ISIP: VAC
Depth	Depth	From: 4032	To: 4500	Pre Pad: 28% FE	Max: 6	1000	5 Min.
Volume	Volume	From	To	Pad	Min: 3	200	10 Min.
Max Press	Max Press	From	To	Frac	Avg: 6	400	15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load: 180-102

Customer Representative: LD	Station Manager: SCOTT	Treater: CONDLEY	
Service Units: 19907	33708 - 20720	12083 - 19813	
Driver Names: KG	ROB	PAT / MIKE L.	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					DRLG NEXT 2½ JOINTS
					WASH DOWN NEXT 10 JOINTS
					CIRCULATE 15 MINUTES ON BOTTOM - PULL 1 JOINT.
					HOOK BACK TO TBG
1700	CIRC	1000	100	5	PUMP 100 bbl H2O TO FLUSH HOLE CLEAN
	CIRC	750	0	5	START ACID
	CIRC	600	26	5	ACID ON BOTTOM - 26 bbl
	VAC	400	40	5	LOST CIRC - 40 bbl
		200	41	3	CLOSE ANN.
		700	41	3	START REST OF ACID
		400	43	6	TREATING 6 BPM - 400#
		300	72	6	FINISH ACID
		300	0	6	START FLUSH
		500	30	6	FINISH FLUSH
1800	VAC	VAC			ISDP - VAC ANN - VAC
					PULL TBG UP INTO CASING
1830					JOB COMPLETE - KEVIN

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