



KANSAS CORPORATION COMMISSION 1084274
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 # 31234
Name: Fidelity Energy, Inc.
Address 1: P.O. BOX 36
Address 2: 202 SOUTH CHAUTUAQUA
City: SEDAN State: KS Zip: 67361 +
Contact Person: SHELLEY WISE
Phone: (620) 725-3727
CONTRACTOR: License # 5831
Name: M.O.K.A.T.
Wellsite Geologist: NA
Purchaser: COFFEYVILLE RESOURCES

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 #: _____

05/15/2012	05/16/2012	05/30/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-125-32214-00-00
Spot Description: _____
NW NW SW NW Sec. 9 Twp. 33 S. R. 14 East West
1584 Feet from North / South Line of Section
100 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Montgomery
Lease Name: PATTERSON (CHK) Well #: 8
Field Name: _____
Producing Formation: BARTLESVILLE SAND
Elevation: Ground: 891 Kelly Bushing: 0
Total Depth: 1265 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 45 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 1246 w/ 130 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 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 Gerrard Date: 08/18/2015



1084274

Operator Name: Fidelity Energy, Inc. Lease Name: PATTERSON (CHK) Well #: 8
 Sec. 9 Twp. 33 S. R. 14 East West County: Montgomery

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 Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" 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: HIGH RESOLUTION COMPESATED DENSITY SIDEWALL NEUTRON LOG DUAL INDUCTION LL3GR LOG GAMMA RAY CCL/RADIAL CEMENT BOND LOG	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum HIGH RESOLUTION
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CASING RECORD <input type="checkbox"/> New <input checked="" 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
CASING	11	8.625	23	40	PORTLAND	14	
PRODUCTION	6.75	4.5	10.5	1246	PORTLAND	130	

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
3	1231-1232		

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>1246</u> Packer At: _____ Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>06/08/2012</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 checked="" 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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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Air Drilling
Specialist
Oil and Gas Wells



M.O.K.A.T. DRILLING
Office Phone: (620) 879-5377



P.O. Box 590
Caney, KS 67333

Operator FIDELITY ENERGY		Well No. 8	Lease PATTERSON	Loc.	W	W	W	Sec. 9	Twp. 33	Rge. 14		
County MONTGOMERY		State KS		Type/Well	Depth 1265	Hours	Date Started 5-15-12	Date Completed 5-16-12				
Job No.	Casing Used 45' 8 5/8"	Bit Record				Coring Record						
Driller TOOTIE	Cement Used	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller	Rig No.			6 3/4"								
Driller	Hammer No.											

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	45	SURFACE									
45	48	SHALE									
48	55	LIME									
55	125	SHALE									
125	133	LIMEY SHALE									
133	175	SAND									
175	300	SANDY SHALE									
300	340	SAND									
340	390	SANDY SHALE									
390	720	SHALE									
720	728	LIME									
728	733	SANDY SHALE									
733	740	SAND (WAYSIDE)									
740	782	SANDY SHALE									
782	802	LIME (OIL ODOR)									
802	932	SHALE									
932	957	LIME									
957	1025	SHALE									
1025	1055	LIME (OSWEGO)									
1055	1070	BLK SHALE									
1070	1085	LIME									
1085	1098	SHALE									
1098	1104	LIME									
1104	1168	SHALE									
1168	1170	LIME									
1170	1180	BLK SHALE									
1180	1210	SHALE									
1210	1222	SAND									
1222	1265	SHALE									
		T.D. 1265'									

p.2

620-879-5751

Mokat Drilling

Jun 07 12 07:53a

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Fidelity	State, County	Montgomery, Kansas	Cement Type	CLASS A
Job Type	Long String	Section	9	Excess (%)	30
Customer Acct #		TWP	33S	Density	13.8
Well No	Patterson CHK #8	RGE	14E	Water Required	
Mailing Address		Formation		Yield	1.75
City & State		Hole Size	6 3/4	Slurry Weight	
Zip Code		Hole Depth	1260	Slurry Volume	
Contact		Casing Size	4 1/2 INCH, J-55 (10.5 LBS)	Displacement	20
Email		Casing Depth	1246	Displacement PSI	800
Cell		Drill Pipe		MIX PSI	250
Dispatch Location	BARTLESVILLE	Tubing		Rate	4.5
Code	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,030.00	\$ 1,030.00
5406	EQUIPMENT MILEAGE (ONE-WAY)	35	PER MILE	\$4.00	\$ 140.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$350.00	\$ 350.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
5402	FOOTAGE	1,246	PER FOOT	0.22	\$ 274.12
				EQUIPMENT TOTAL	\$ 1,794.12
Cement, Chemicals and Water					
1126A	THICK SET CEMENT (8LB OWC 4% GEL 2% CAL. CHLORIDE)	130	0	\$19.20	\$ 2,496.00
1107A	PHENOSEAL	80	0	\$1.29	\$ 103.20
1110A	KOL SEAL (50 # SK)	650	0	\$0.46	\$ 299.00
1111	GRANULATED SALT (50#) SELL BY #	700	0	\$0.37	\$ 259.00
1123	CITY WATER (PER 1000 GAL)	5	0	\$16.50	\$ 82.50
1118B	PREMIUM GEL/BENTONITE (50#)	150	0	\$0.21	\$ 31.50
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
				CHEMICAL TOTAL	\$ 3,271.20
Water Transport					
5501C	WATER TRANSPORT (CEMENT)	3	TER TRANSPORT (CEME	\$112.00	\$ 336.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
				TRANSPORT TOTAL	\$ 336.00
Cement Floating Equipment (TAXABLE)					
0	Cement Basket		0	\$0.00	\$ -
0	Centralizer		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	Float Shoe		0	\$0.00	\$ -
0	Float Collars		0	\$0.00	\$ -
0	Guide Shoes		0	\$0.00	\$ -
0	Baffle and Flapper Plates		0	\$0.00	\$ -
0	Packer Shoes		0	\$0.00	\$ -
0	DV Tools		0	\$0.00	\$ -
0	Ball Valves, Swedges, Clamps, Misc		0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
4404	Plugs and Ball Sealers				
	4" 1/2" RUBBER PLUG	1	PER UNIT	\$45.00	\$ 45.00
0	Downhole Tools		0	\$0.00	\$ -
				CEMENT FLOATING EQUIPMENT TOTAL	\$ 45.00
				SUB TOTAL	\$ 5,655.24
				10% (-DISCOUNT)	\$ 565.52
				SALES TAX	\$ 208.92
				DISCOUNTED TOTAL	\$ 5,089.72

AUTHORIZATION _____ TITLE _____
 DATE _____ FOREMAN _____

I ACKNOWLEDGE THAT THE PAYMENT TERMS, UNLESS SPECIFICALLY AMENDED IN WRITING ON THE FRONT OF THE FORM OR IN THE CUSTOMER'S ACCOUNT RECORDS, AT OUR OFFICE, AND CONDITIONS OF SERVICE ON THE BACK OF THIS FORM ARE IN EFFECT FOR SERVICES IDENTIFIED ON THIS FORM.

Customer	Fedality	Stage	11		
Customer Acct #		County	Montgomery County, Kansas		
Well No.	Patterson CHK #88	Section	18		
Mailing Address		TWP	28N		
City & State		RGE	16E		
Zip Code		Formation	Bartlesville		
Dispatch Location	BARTLESVILLE	Perfs	1196-1204		
Code	Vehicles, Equipment and Mileage	Quantity	Unit	Price per Unit	
5102	2250 HP PUMP (UP TO 5500 PSI)	1	PER STAGE	3275.00	\$ 3,275.00
5108	BLENDER TRUCK (0-20 BPM)	1	PER STAGE	1050.00	\$ 1,050.00
5111	FRAC VAN	1	PER STAGE	1500.00	\$ 1,500.00
5118	IRON TRUCK	1	PER STAGE	250.00	\$ 250.00
5107	FLOW METERED CHEMICAL PUMP	3	PER STAGE	125.00	\$ 375.00
0		0		0.00	\$ -
0		0		0.00	\$ -
0		0		0.00	\$ -
0		0		0.00	\$ -
0		0		0.00	\$ -
0		0		0.00	\$ -
SUBTOTAL					\$ 6,490.00
24% EQUIPMENT DISCOUNT					\$ 1,548.00
EQUIPMENT TOTAL					\$ 4,902.00
Chemical Treatment and Water					
1205	BACHCIDE	5.0	GALLONS	30.00	\$ 150.00
1215A	KCL SUBSTITUTE (KCL-8001)	18.0	GALLONS	36.50	\$ 657.00
1275	15% HCL ACID (CHARGE FOR INHIBITOR IN ADDITION)	350.0	GALLONS	2.40	\$ 840.00
1202	ACID INHIBITOR (AI-280)	1.0	GALLONS	50.00	\$ 50.00
1214	IRON CONTROL (SP-950)	2.0	GALLONS	40.00	\$ 80.00
1219B	STIMFLO (FBA)	1.0	GALLONS	85.00	\$ 85.00
1244	CLAY STAY (CS-250)(CS-702)	1.0	GALLONS	37.00	\$ 37.00
1231	FRAC GEL (GA-40W)	400.0	SACK	15.00	\$ 6,000.00
1208C	BREAKER AMMONIUM PERSULFATE	25.0	GALLONS	4.88	\$ 121.50
1208	BREAKER (LEB-4)	1.0	GALLONS	200.00	\$ 200.00
1268	CITY WATER (TAXABLE)	21,000.0	GALLONS	0.02	\$ 327.60
0		0		0.00	\$ -
0		0		0.00	\$ -
CHEMICAL TOTAL					\$ 8,528.10
Sand					
2102	12/20 BROWN (bulk)	13,000	POUNDS	\$0.27	\$ 3,610.00
2104A	16/30 BROWN SAND	7,000	POUNDS	\$0.23	\$ 1,610.00
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
SAND TOTAL					\$ 5,120.00
Water and Chemical Transport					
5310A	ACID TRANSPORT	2	PER HOUR	\$140.00	\$ 280.00
5109	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$315.00	\$ 315.00
5108	MILEAGE CHARGE (ONE WAY)	160	PER MILE	\$4.00	\$ 640.00
5501F	WATER TRANSPORT (FRAC)	12	PER HOUR	\$112.00	\$ 1,344.00
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
TRANSPORT TOTAL					\$ 2,579.00
Frac Valves					
5604	3 INCH FRAC VALVE	1	PER WELL	\$100.00	\$ 100.00
0		0		\$0.00	\$ -
FRAC VALVE TOTAL					\$ 100.00
Miscellaneous Costs					
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
0		0		\$0.00	\$ -
MISC. TOTAL					\$ -
SUB TOTAL					22,777.10
24% EQUIPMENT DISCOUNT(FROM ABOVE)					1,548.00
24% MATERIALS DISCOUNT					3,918.50
SALES TAX					20.84
DISCOUNTED TOTAL					\$ 17,331.23

DISCOUNT
(GOOD IF PAID WITHIN 30 DAYS)

P.O. NUMBER: 1234

CUSTOMER or AGENTS SIGNATURE

COVS FOREMAN

CUSTOMER or AGENT(PLEASE PRINT)

DATE

Customer	Fidelity
Customer Acct #	
Well No.	Patterson CHK #9
Mailing Address	
City and State	
Zip Code	
Dispatch Location	BARTLESVILLE

County	Montgomery County, Kansas	Stage	1
Section	18	Formation	Bartlesville
TWP	20N	TVD Perfs	1198-1204
RANGE	16E	MD Perfs	

On Location	
Departed	

WELL DATA						TRUCK#	DRIVER	TRUCK#	DRIVER
TREATMENT TYPE	TREATMENT THROUGH CASING				PLUG DEPTH (FT)				
TVD OF PERFS	NO OF PERFS		PACKER DEPTH (FT)						
CASING SIZE (OD)	CASING WEIGHT	TVD TO TOP PERFF(T)	ID (INCHES)	DEPL CODEF (BBL/FT)	VOLUME (BBL)	101-111	John S		
					81.1	113-125	David C		
0	0	0	0	0.0000	0.0	148-117	John W		
OVER FLUSH	0	DISPLACEMENT TO TOP PERF (BBL)				155	John W		
						172-123	David S		
						188-124	James S		
						188-125	Therry P		

PERF DATA		CHEMICALS	
TOTAL HOLES (SHOT)		BACKCODE	
HOLE ID (IN)		ECL BURETRITE (ECL-600)	18
PHASING		1% HCL ACID (CHARGE FOR INJECTOR IN ADDITION)	280
SPF		ACID INHIBITOR (AI-800)	1
		IRON CONTROL (IP-800)	3
		STAMPLO (SMA)	1
EFFECTIVE HOLES		CLAY STAY (CS-800CS-700)	1

PFT ANALYSIS (Optional)							
FLUID WEIGHT	8.34	MAX RATE		MAX PRESSURE		ISDP	
HYDROSTATIC HEIGHT	3403	RATE 1		PRESSURE 1		5 MIN GSP	FRAC GRAD
FLUID SG	1.01	RATE 2		PRESSURE 2		10 MIN GSP	FLUID EFF (%)
HYDROSTATIC PRESS	1477.86	RATE 3		PRESSURE 3		15 MIN GSP	CALC PERM

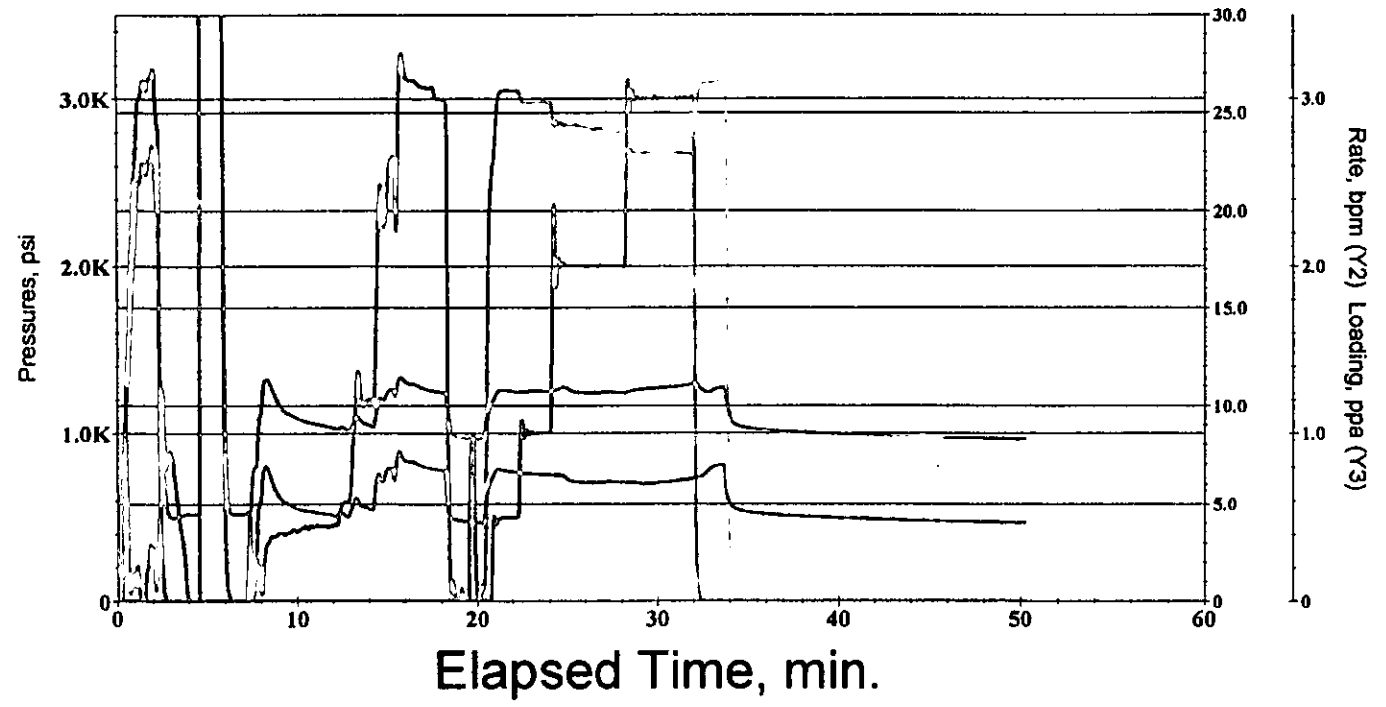
PRESSURE DATA							
MAX PRESSURE	INITIAL PRESSURE	BREAKDOWN PRESSURE	ISDP	5 MIN	10 MIN	15 MIN	30 MIN
		2818	536	800	481	428	

SUMMARY				PROP TYPE		TOTAL PUMPED
TOTAL FLUID PUMPED	387 BBL	MAX TREATING PRESSURE	813 PSI			
PROPANT PUMPED	1249.5 LBS	MIN TREATING PRESSURE	707 PSI			
MAX RATE	35 BBL/MIN	AVE TREATING PRESSURE	830			
MIN RATE	25 BBL/MIN	FLUID WEIGHT	8.34			
AVERAGE RATE	13	HYDROSTATIC HEIGHT	3403			
FOAM QUALITY		HYDROSTATIC PRESS	1477.86			
AMT OF FOAM PUMPED		FRAC GRADIENT	0.81			
TYPE OF FOAM						

STAGE	CLEAN BBL	DESIGN	FLUID TYPE	PRESSURE	RATE	PROP AMOUNT	DESIGN	CONC	TYPE
1	119	Pad	Gel Water	0-785	0-20	1249.50		0	
2	47		Gel Water	765-765	0-26	0.00	0.8 LBS		16/30 BROWN SAND
3	47		Gel Water	765-745	0-26	0.00	1 LBS		16/30 BROWN SAND
4	47		Gel Water	745-740	0-26	0.00	2 LBS		16/30 BROWN SAND
5	47		Gel Water	745-707	0-26	0.00	2 LBS		12/20 BROWN (DUAL)
6	71		Gel Water	707-706	0-26	0.00	3 LBS		12/20 BROWN (DUAL)
7	19	Flush	Gel Water	708-613	0-26	0.00			
8						0.00			
9						0.00			
10						0.00			
11						0.00			
12						0.00			
13						0.00			
14						0.00			
15						0.00			
16						0.00			
17						0.00			
18						0.00			
19						0.00			
20						0.00			
21						0.00			
22						0.00			
23						0.00			
24						0.00			
25						0.00			
26						0.00			
27						0.00			

FidelityPattersonCHK#0.dat Patterson CHK#0

— GHP — STP — Loading



CurrentJobRpt.RPT

STAGE #	FINAL JOB TOTAL REPORT												
	CARRIER		FLA	CONCENTRATION		SOLIDS WEIGHT		SLURRY		JOB AVERAGES			
	PUMPED	DESIGNED	PUMPED	PUMPED	DESIGNED	PUMPED	DESIGNED	PUMPED	DESIGNED	SLR-RATE	STP	BHP	SOLIDS
	BBLs	BBLs	gal	ppa	ppa	LBS	LBS	BBLs	BBLs	bpm	psi	psi	ppa
1	21.3	8.3	0.00	0.00	0.00	0.00	0.00	20.3	8.3	2.4	2599.51	3109.66	0.00
2	127.7	119.0	0.00	0.00	0.00	0.00	0.00	128.5	119.0	12.0	626.47	1115.97	0.05
3	40.8	47.6	0.00	0.47	0.50	810.06	1000.00	41.1	48.7	25.4	769.47	1239.85	0.48
4	45.5	47.6	0.00	0.98	1.00	1875.17	2000.00	45.5	49.8	25.5	755.17	1247.68	1.03
5	43.8	47.6	0.00	1.85	2.00	3401.05	4000.00	43.8	51.9	24.3	727.75	1253.96	2.02
6	54.6	47.6	0.00	1.84	2.00	4213.11	4000.00	54.6	51.9	24.1	708.97	1240.89	2.00
7	110.4	71.4	0.00	2.12	3.00	9827.79	9000.00	110.5	81.1	23.5	718.92	1267.60	2.46
8	25.7	19.3	0.00	0.00	0.00	0.00	0.00	25.5	19.3	8.3	1821.06	2315.64	0.00
PracJob	448.6	400.2	0.00	1.07	1.19	20127.20	20000.00	449.5	421.8	17.3	1198.23	1699.91	1.22
TotlJob	469.9	408.6	0.00	1.02	1.17	20127.20	20000.00	469.8	430.1	13.6	1466.24	1969.54	1.02