

Kansas Corporation Commission Oil & Gas Conservation Division

1098253

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
☐ New Well ☐ Re-Entry ☐ Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date	

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: Date:

Side Two



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	ssures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weigi Lbs. /	ht	Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Co	ement	# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	PERFORATI Specify I	ON RECORD - Footage of Each	Bridge Plugs Interval Perfo	s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d 	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually (nmingled mit ACO-4)			

Air Drilling			Z	O.K.A.	T. DRI	M.O.K.A.T. DRILLING					£1.	P.O. Box 590	× 590 ×
Specialist Oil and Gas Wells		3	Offic	se Phone	: (620)	Office Phone: (620) 879-5377					Caney, KS 67333	, KS 6	7333
Operator	NO day	Well No.		Lease		Loc.		114	*	Sec.	Twp.	,,	Rge,
FIDELII Y ENERGY	NEKCY	9		PATT	PATTERSON						7	23	14
		County		State		Type/Well		Depth	Hours	Date	Date Started	Date (Date Completed
		MONTGOMERY	MERY	环	KS			1263'			3-8-12		3-9-12
Job No.	Casing Used			99	Bit Record					Coring Record	Secord		
	23' 8 5/8"	3 5/8"	Bit No.	Type	size	From	앋	Bit No.	type	Size	From	To	% Rec.
Driller	Cement Used												
TOOTIE					6 3/4"								
Driller	Rig No.												
Driller	Hammer No.												

	nc																														
	Formation																									inimateuriteuriteuriteuriteuriteuriteuriteuri					
	To			-					_	_							_							_							-
	From																														
	Formation																														
cord	To									-							_														
tion Re	From																														-
Formation Record	Formation	SHALE	SANDY SHALE	SHALE	LIME	SHALE	LIME	SHALE	LIME (OIL ODOR)	SHALE	LIME	SHALE	SAND	SHALE	I.IME	SHALE	SANDY SHALE	SAND (OIL ODOR)	SHALE	COAL	SHALE		T.D. 1263'								
	To	970	586	1025	1055	1067	1072	1078	1087	1095	1105	1120	1125	1132	1134	1140	1206	1210	1242	1244	1263										
	From	1961	026	985	1025	1055	1067	1072	1078	1087	1095	1105	1120	1125	1132	1134	1140	1206	1210	1242	1244										-
	Formation	OVERBURDEN	BRSAND	SANDY SHALE	LIME	SANDY SHALE	LIME	SHALE	LIME	SANDY SHALE	SAND (WATER)	SANDY SHALE	SHALE	SANDY SHALE	SHALE	LIME	SHALE	LIMEY SHALE	LIME	SAND	SANDY SHALE	SHALE	LIME	SHALE	LIME	SHALE	SAND	SANDY SHALE	SHALE	LIME (OIL ODOR)	
	To	100	30	45	53	89	192	128	142	300	325	350	425	460	549	557	563	715	726	735	745	781	802	808	812	815	850	870	930	953	000
	From	0	18	30	45	53	89	16	128	142	300	325	350	425	460	549	557	563	715	726	735	745	781	802	808	812	815	850	870	930	454





TICKET	NUMBER_	36314	
LOCAT	ION Eucel	(0	
FOREM	AN STELLS	Books	

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

- A	r 800-467-8676			CEMEN	AYJ	15-125-32	2/67	
DATE	CUSTOMER#		. NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
3-16-12	38a6	Patiens	n #6		9	335	146	me.
CUSTOMER	. /				TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	y Energy	Inc			485	-	TROOK#	DINVER
					479	Alanm		
P. o. 30	1× 36	STATE	ZIP CODE	-	619/7-91	Josey George Tay	(7)	- a C - a
_		Ks	67361		617/7-71	C- COLLEG LOP	or Czag	ar. camb
Sedan		Control of the Contro	6361	HOLE DEPTI	1	CASING SIZE & V	VEIGHT LA	10.65
CASING DEPTH	1 1	DRILL PIPE		TUBING	•	OAGING GILL & F	OTHER	7
SLURRY WEIGH		SLURRY VOL_			·k	CEMENT LEFT in	CONTRACTOR OF THE PARTY OF THE	
DICKET WEIGH	103.	DISDI ACEMEN	IT DEL 7/m	Bump)	ux 12007	RATE	OAOIII O	
							Lood Des	A A So
2-30-1	CI MELING	nig up	W-7 611	la Calina	mp A BOIS	Fresh water	C COCCO	CLW.
200 - 15-61	F/ACK CGO!	ask. The	- 1190 56	20 27 () (1 t Kalica	11 /2 Ph	3 500 Da	eler at
17/0 6361	C. May II	03/11/2011	61.7	dania R	2/2022 1/2	c. Displa	1 . Th	10 St. LL
13.5- Ca	gen out je	amp & Line	es. shul	CIOWN N	ZIROLO DIC	8 7715 910	12 7 7 - 1	2 32100
erest we	ar Ainal	Dump Pr	Ciar 1	30- /30	mp Flug	1200 4	Sing I	D ARIEN
ressura	Kluy halo	((cood)	Circula	ion wur	wind Jop	Didn'7	CIPCULATI	s (enter
y bbls Dy	الع لمانالال	J'a	Pombre	R Kit	down			
			1	1.				
			Thos	KYOU				
ACCOUNT	OHANITY	or UNITS	l n	ESCRIPTION O	f SERVICES or PF	PODUCT	UNIT PRICE	TOTAL
CODE	QUARITI	OI OIIII O		COOKII LIOIS O	I OTHER POPULATION	100001	OMIT FROM	IOIAL
					the state of the s		-	
54801	7		PUMP CHAR	GE			1030.00	1
5401	45		PUMP CHARGE	GE .			/030.00 4.00	180.00
5406			MILEAGE				4.00	180.00
	/10 sks		MILEAGE Thick	507 Cemo			19.20	2112,00
5406	110 sks		MILEAGE Thick	507 Cemo			19.20	2112,00
5406 1126A	110 sks 550* 55*		MILEAGE Thick Kol-See Phenos	Sot Cemo			19.20	2112,00 253,00 70.95
5406 1126A 1110A	110 sks		MILEAGE Thick	Sot Cemo			19.20	2112,90 253,00 70.95 63.00
1126A 1116A 11107A	110 sks 550* 55*		MILEAGE Thick Kal-Sec Phenos Gel Fl	507 Ceme al 5ª po en 1 \$ª po ash			19.20	2112,00 253,00 70.95
5406 //26 A ///6 A ///6 A ///6 B 5407 A	110 sks 550* 55* 360*		MILEAGE Thick Kal-Sec Phenos Gel Flo	sor Ceme al 5º po en 1 8º po ash ilenga 13	rjsk rfski ujk Jrus k		19.20 19.20 .41 1.29	2112,90 253,00 70.95 63.00 364.83
5406 1126 A 1110 A 1110 T A 1118 B	110 sks 550* 55* 360*		MILEAGE Thick Kal-Sec Phenos Gel Flo	507 Ceme al 5ª po en 1 \$ª po ash	rjsk rfski ujk Jrus k		19.20 .41 .29 .21	2112,90 253,00 70.95 63.00 364.83
5406 1126A 1110A 1107A 1118B 5407A	110 sks 550* 55* 360* 4.05		MILEAGE Thick Kol-See Phenos Gel F/ Ton M 4"2 To	sot Cement 5 po ent & po esh ilenga 13	ejsk orfski oulk Fras k		19.20 .41 .29 .21	2112,90 253,00 70.95 63.00 364.83
5406 1126A 1110A 1107A 1118B 5407A 4404	110 sks 550* 55* 300* 6.03		MILEAGE Thick Kal-Sec Phenas Gel Flo Tan Mile 4'2 To	Sot Ceme al 5 po ash ilenge B proposed Transport	ejsk orfski oulk Fras k		19.20 .46 1.29 .21 1.34	2112,80 253,90 70.95 63.00 364.83 45.00
5406 1126A 1110A 1107A 1118B 5407A	110 sks 550* 55* 360* 4.05		MILEAGE Thick Kal-Sec Phenas Gel Flo Tan Mile 4'2 To	sot Cement 5 po ent & po esh ilenga 13	ejsk orfski oulk Fras k		19.20 .41 1.29 .21 1.34 45.00	780.00 2112.00 253.00 70.95 63.00 364.83 45.00
5406 1126A 1110A 1107A 1118B 5407A 4404	110 sks 550* 55* 300* 6.03		MILEAGE Thick Kal-Sec Phenas Gel Flo Tan Mile 4'2 To	Sot Ceme al 5 po ash ilenga B in Rubber Iranspol	ejsk orfski oulk Fras k		19.20 .41 1.29 .21 1.34 45.00	2112,00 253,00 70.95 63.00 364.83 45.00
5406 1126A 1110A 1107A 1118B 5407A 4404	110 sks 550* 55* 300* 6.03		MILEAGE Thick Kol-Sec Phenos Gel Flo Ton Mi 4'2 To	Set Ceme 1 5 po en 1 \$ po en 1	risk erisku enik Track Play		19.20 .41 1.29 .21 1.34 45.00	2112,00 253,00 70.95 63.00 364.83 45.00
5406 1126A 1110A 1107A 1118B 5407A 4404	110 sks 550* 55* 300* 6.03		MILEAGE Thick Kol-Sec Phenos Gel Flo Ton Mi 4'2 To	Set Ceme 1 5 po en 1 \$ po en 1	CISK MIKTEUS K Pluy 17		19.20 .41 1.29 .21 1.34 45.00	180.00 2112.00 253.00 70.95 63.00 364.83 45.00 448.00 90.75
5406 1126A 1110A 1107A 1118B 5407A 4404	110 sks 550* 55* 300* 6.03		MILEAGE Thick Ral-Sec Phanas Gel Fl Ton m 4'2 To Luaier City 6	Sor Ceme 1 5 pe 2 pe	1/3K 1/3K 1/4K Frus K 1/4 1/4 1/4 1/4 1/4 1/4		19.20 .41 .29 .21 .34 .45.00 .12.00 .6.50/000	180.00 2112,00 253.00 70.95 63.00 364.83 45.00 445.00
5406 1126A 1110A 1107A 1118B 5407A 4404	110 sks 550* 55* 300* 6.03		MILEAGE Thick Ral-Sec Phanas Gel Fl Ton m 412 To	Set Ceme 1 5 po en 1 \$ po en 1	1/3K 1/3K 1/4K Frus K 1/4 1/4 1/4 1/4 1/4 1/4		19.20 .46 .21 .34 45.00 112.00 16.30/100	2112,80 253,90 70.95 63.00 364.83 45.00

account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.





LOCATION Eureka
FOREMAN STEWN Mead

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

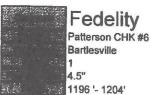
050-101-0510	or ann-401-001/	,		CEMEN	APJ	13-125-52	461	
DATE	CUSTOMER#	WEL	L NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
3-16-12	9896	Potters	on #6		9	335	146	me.
CUSTOMER								
Fideliz	JEnerg,	ITAC			TRUCK#	DRIVER	TRUCK# ·	DRIVER
MAILING ADDRE	ESS'				485	Alanm		
P. O. 3	ox 36				479	Josy		
aty		STATE	ZIP CODE		619/7-91	George Tayl	or (Tha	er Camp
Sedan		KS	67361					
JOB TYPE	restring 0	HOLE SIZE	634	HOLE DEPTH	1	CASING SIZE & V	VEIGHT 4%	10.50
CASING DEPTH	1248'	DRILL PIPE		TUBING			OTHER	
SLURRY WEIGH	17.5h	SLURRY VOL_		WATER gal/s	k	CEMENT LEFT in	CASING	
DISPLACEMENT	T 19-84	DISPLACEMEN	NT PSI 700 5	MEX PET POL	ux 1200#	RATE		
REMARKS: So	Fry Welling	Ricupi	Ta 41/2 Ca	sine Pu	me 20 bb)s	Fresh wat	er ahead	. Mix
300 Gel	Flush (Go	Coculation	n Had SUS	Is Galwa	ren Pump	5 bbls wate	r Spaces ?	+5645
						11 1 2 Phe		
						g. Displas		
						1200 th		
						Didn'T		
4 bbls DX	व क्षांत्रहरू	Ze	b Complei	Rig	down			
			Than	KYOU				

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	7	PUMP CHARGE	1030.00	1030.00
5406	45	MILEAGE	4.00	180.00
/126A	//0 sks	Thick SOT Cement	19.20	2112,00
11164	550°	Rol-Seal 5 Bperisk	.46	253.00
1/97*	55+	Phenosen & Perisky	1.29	70.95
1118 B	300#	Gel Flash	.21	63.00
5407A	4.05	Ton Milenya Bulk Truck	1.34	364.82
44.4)	41/2 Top Rubber Play	45.00	45.00
55012	4hrs	Water Transport	112.00	44800
1123	5500 pallens	City Graver	16.54000	90.75
		Total 4823.52		
		54 Discourt - 241.19 (45 82.33	5 cub 70761	4657.52
		73 84.33	SALES TAX	166.00
See 3737	11/20 18	DU8489 1	ESTIMATED TOTAL	4823.50

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.



Tony Carpenter 918-338-0810 Cell 918-331-7133 Fax 918-337-4773



420 17640

SI 33

Shelley 318-780-5632

			1850	318	-780-5632		
5102	COSO LID DUMO ALID TO COOL						September 1
5102	2250 HP PUMP (UP TO 5500 PSI)	1	PER JOB	\$	3,275.00	8	3,275.0
5111	BLENDER TRUCK (0-20 BPM)	1 1	PER JOB	\$	1,050.00		1,050.0
5116	FRAC VAN	1 1	PER JOB	\$	1,500.00	\$	1,500.0
5107	IRON TRUCK	1	PER JOB	\$	250.00	\$	250.0
0	FLOW METERED CHEMICAL PUMP	3	PER JOB	\$	125.00	\$	375.0
0			0	\$	-	\$	-
0			0	\$	-	\$	-
0			0	\$	-	\$	*
0			0	\$	-	\$	
0			0	\$	-	\$	-
U			0	\$	-	\$	-
	THE CASE			S	SUB TOTAL	S	6,450.0
*** **********************************		24%	EQUIP	MENT	DISCOUNT	\$ -100	1,548.0
						S. A. L.	e de la constante de la consta
1205	BACHCIDE	5.0	GALLONS	\$	20.00		154.0
1215A	KCL SUBTITUTE (KCL-8001)	18.0	GALLONS	\$	30.00		150.0
1275	15% HCL ACID (CHARGE FOR INHIBITOR IN ADDITION)	350.0	GALLONS	\$	36.50		657.0
1202	ACID INHIBITOR (AI-260)	1.0	GALLONS	Market Statement	2.40	\$	840.0
1214	IRON CONTROL (SP-950)	2.0	GALLONS	\$	50.00		50.0
1219B	STIMFLO (FBA)	1.0	GALLONS	\$	40.00		80.0
1244	CLAY STAY (CS-250)(CS-702)	1.0	GALLONS	\$	65.00		65.0
1231	FRAC GEL (GA-40W)	400.0	SACK	\$	37.00		37.0
1208C	BREAKER AMMONIUM PERSULFATE	25.0		\$	15.00		6,000.0
1208	BREAKER (LEB-4)	1.0	SACK	\$	4.86		121.5
1268	CITY WATER (TAXABLE)	21,000.0	GALLONS GALLONS	\$	200.00		200.0
0	The state of the s	21,000.0	- Continues of the last of the	\$	0.02	-	327.6
0			0.0	\$	-	\$	-
			0.0	\$		\$	
2402							
2102	12/20 BROWN (bulk)	13,000	POUNDS	\$	0.27	\$	3,510.0
2104A	16/30 BROWN SAND	7,000	POUNDS	\$	0.23		1,610.0
0			0	\$	-	\$	-
0			0	\$	-	\$	
5310A	ACID TRANSPORT	2	PER HOUR	\$	140.00	\$	280.0
5109	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	S	315.00		315.0
5108	MILEAGE CHARGE (ONE WAY)	160	PER MILE	\$	4.00		640.0
5501F	WATER TRANSPORT (FRAC)	12	PER HOUR	\$	112.00		1,344.0
0			0	\$		\$	1,344.0
5604	2 INCH FRAC VALVE	1	PER WELL	\$	100.00	6	400.0
0			0	\$		9	100.0
0			0	10			
0		—	0	\$	-	\$	
0		1	0	18		\$	
0		1	0	-	-	\$	-
				\$		\$	
					UB TOTAL		22,777.1
	Discount good /	24%	CONSOLID	ATED	DISCOUNT		E 100 E

Discount good if Paid within 30 days

SUB TOTAL
CONSOLIDATED DISCOUNT
SALES TAX
DISCOUNTED TOTAL

\$

5,466.50 17,331.23



0 25# GELLED WATER PAD 1000 25# GELLED WATER PAD 1000 25# GELLED WATER, 16/30 BRADY 2000 25# GELLED WATER, 16/30 BRADY 4000 25# GELLED WATER, 16/30 BRADY 4000 25# GELLED WATER, 12/20 BRADY 9000 25# GELLED WATER, 12/20 BRADY 0 25# GELLED WATER, 12/20 BRADY 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2.5 1000 2.5 1000 2.4000 2.4000 3.9000 0.0000 0.000 0.00000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0 1000 2000 4000 4000 9000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000
	000000000000000000000000000000000000000	

Fedelity Bartlesville Frac

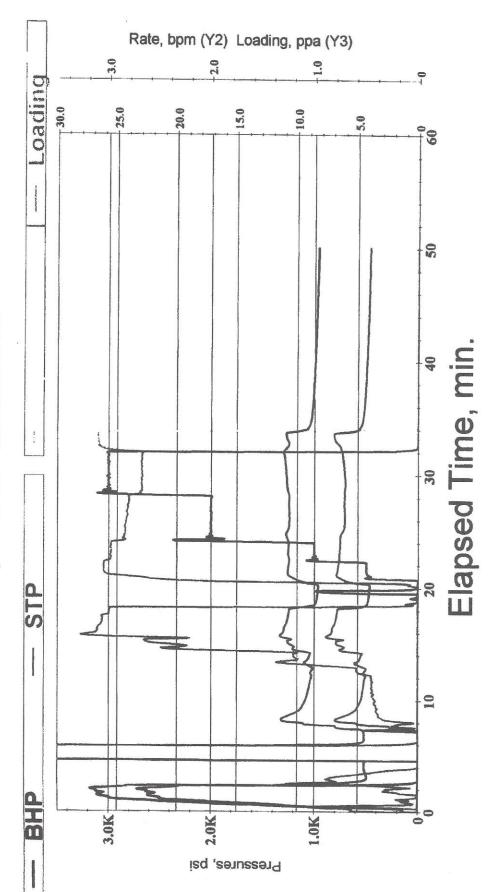


	Equipment and	Mileage Require	d			
	Cost Est					
2250 HP PUMP (UP TO 5500 PSI)	1			- Committee of the Comm		
BLENDER TRUCK (0-20 BPM)	1					
FRAC VAN	1					
IRON TRUCK	1					
FLOW METERED CHEMICAL PUMP	3					
SAND TRUCK	1					
ACID TRANSPORT	1					
WATER TRANSPORTS	. 5					
20		CHEMICALS		- Be. (Kr)		
· · · · · · · · · · · · · · · · · · ·		CITE VII CALS.	— T			ING (GAL/1000)
					LOAD	ING (GAL/1000)
BACHCIDE		5.0		0.25		
KCL SUBTITUTE (KCL-80	001)	18.0		1		
15% HCL ACID (CHARGE FOR INHIBIT	OR IN ADDITION)	350.0				
ACID INHIBITOR (AI-20	50)	1.0			1	
IRON CONTROL (SP-95	50)	2.0			2	
STIMFLO (FBA)		1.0			1	
CLAY STAY (CS-250)(CS-	702)	1.0			1	
FRAC GEL (GA-40W)	400.0		25#	and the second s	
BREAKER AMMONIUM PER	SULFATE	25.0		1#	The state of the s	
BREAKER (LEB-4)		1.0		6 Oz		
CITY WATER (TAXABL	E)	21,000.0				
(New Journal of Parties and State of St						
Number of Ball Sealers Needed	0	-				
Total Amount of gel Needed	400	<u> </u>		- Commission Williams		
12/20 BROWN (bulk) 13,	000		7 30.23.2			
16/30 BROWN SAND 7,0	00					
2.79 g 1800 (1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 - 1900 -						
Sand delivery mileage						

Consolidated to provide 5 Transports with 500 bbls fresh water and 1 Acid Transport with 350 gals 15% Acid



Discount good if paid within 30 days



				#											1			=	Ŀ
		SOLIDS	9			0.00	0.05	0.48	1.03	2 02	100	7.00	2.46	00.00		,	1.22	等等のでは、100cm は、100cm は、100cm は、100cm は、100cm に、100cm	
	JOB AVERAGES	BHP	1031	#	,	3109.66	1115.97	1239.85	1247.68	1253.96	000	70.024	1267.60	2315.64		6	1060.91	*******	
		STP	DSI			10.6607	626.47	769.47	755.17	727.75	708 07	1000	718.92	1821.06	1 1 1 1 1 1 1 1 1	0	1466 24	****	
		LR-RATE	mdq			0.20	0.21	75.4	25.5	24.3	7 2 7	1 11	n	8,3			13.6		
	SLURRY	DESIGNED SLR-RATE	BBLS		0	200	L L	40.	20.00	51.9	0		T.TO	19.3		0 107	430.1	* * * * * * * * * * * * * * * * * * * *	
PT	SLU	FORFED	BBLS		5 00	2000	770.7		40.0	43.8	54.6	110	0 1	25.5		449 5	469.8	***	
Current JobRpt . RPT	THU I	DESIGNED			00.0	0	1000	0000	2000.00	4000,00	4000.00	9000.00		00.0		20000.00	20000.00	**	
Curre		PUMPED			00.00	00	810.06	1075 17	10000	3401.05	4213.11	9827.79		00.0		20127.20	20127.20	***	
FOCOA	SOLIDS	DESIGNED	ppa		0.00	00.00	0.50	0 0	9 6	20.7	2.00	3.00	0	0 1		1.19		* * * * * * * * * * * * * * * * * * * *	
\$4	4 6	1	ppa	MAN MANY YANG MAN JUJUS YANG MANY MAN JUNG MAN A	0.00	0.00	0.47	86 0		0 0	1.84	2.12	0	0 1 0 1		1.07	1.02	**	
FINAL TOR POTAL	FILA .	PUMPED PUMPED	gal		00.00	00.0	0.00	00.0		000	0.00	0.00	000	0 1		00.0	00.0	****	
THE	ER SIGNED		BBLS		8,3	119.0	47.6	47.6	27 6		0./5	71.4	19.3	8		400.2	408.6	****	
	CARRIER PUMPED DESIGNED	٠	BBLS		21.3	127.7	40.8	45.5	43.8		2	110.4	25.7			448.6	69.69	****	
	STAGE	٠	e ope one can pas and and and		1	2	m	4	ហ	, v) t	_	00	1 1 1 1 1	1	FracJob	TotlJob	*********	



Customer	Fedelity	
Customer Acct#		
Well No.	Patterson CHK #6	
Malling Address		
City and State		
Zip Code		
Dispatch Location	BARTLESVILLE	*******

County	Montgomery County, Kansas	Stage	1
Section	18	Formation	Bartlesville
TWP	26N	TVD Perfs	1196-1204
RANGE	16E	MD Perfs	

On Location
Departed

IELL DATA							DRIVER	DRIVER
TREATMENT TYPE:	1	REATMENT THROUGH CASING		PLUG DEPTH (FT)			532 Frank B	
TVD OF PERFS		IND OF PERFS	PACKER DEPTH (FT)			Rob D		
CASSIO SIZE (OO)	CARDIG WEIGHT	THE TO TOP PERFIFT)	ID (MCHES)	DESPL COSF (BUILIFT)		533-735	David C	
					81.1	546-T17	John W	
							550 Mike H	
0	0	0	0	0.0000	0.0		396 Brandon W	
OVER PLUSH 0 DISPLACE				TO TOP PERF (BOLS)		422-T115	Russel S	
						499-T184	James B	
ERF DATA		CHEMICALS				560-T123	Dusty F	
TOTAL HOLES SHOT		BACHCE	Æ	8				
HOLE ED (FIG		KCL SUBTITUTE	PCCL-8001)	18				
PHABING		PM HCL ACID (CHARGE FOR	INHIBITOR IN ADDITION	350				
BPF		ACID WHIBITOP	(AJ-200)	1				
		IRON CONTROL	(3P-950)	2				
		STMFLO	BA)					
EFFECTIVE HOLES		CLAY STAY (CS-2	1					

FLUID WEIGHT	5.34	MAX RATE:	MAX PRESSURE		ISDP		FRAC GRAD	
HYDROSTATIC HEIGHT	3408	RATE 1	PRESSURE 1		5 MIN SIP		FLUID EFF (%)	
FLUID SG	1.01	RATE 2	PRESSURE 2		10 MIN SIP		CALC PERM	
HYDROSTATIC PRESS	1477.98	RATE 3	PRESSURE 3		15 MN SIP			
PRESSURE DATA								
MAX PRESSURE	INITIAL PREDOURE	BREAKDOWN PREBIURE	198P	6 him	SO MINI	16 MM	30 MIN	
		2818	586	500	481	468		
BUMMARY								
TOTAL FLUID PUMPED	397 BBLS	MAX TREATING PRESSURE	813 PSI		PROP TY	PE	TOTAL PUMPED	
PROPPANT PUMPED	1249.5 LBS	MIN TREATING PRESSURE	707 PSI					
MAX RATE	26 BBL/MIN	AVE TREATING PRESSURE	630					
MIN RATE	26 BBL/MIN	-						
AVERAGE RATE	13	FLUID WEIGHT	8.34					
		HYDROSTATIC HEIGHT	3408					
FOAM QUALITY		HYDROSTATIC PRESS	1,477.98					
UNT OF FOAM PUMPED		FRAC GRADIENT	0.61					
TYPE OF FOAM				-				

STAGE	CLEAN BBLS	DESIGN	FLUID TYPE	PRESSURE	RATE	PROP AMOUNT	DESIGN	CONC	TYPE
1	119	Pad	Gel Water	0-755	0-26	1249.50		0	
2	47		Gel Water	755-765	0-26	0.00	0.5 LBS		16/30 BROWN SANS
3	47		Gel Water	765-745	0-26	0.00	1 LBS		16/30 BROWN SAND
4	47		Gel Water	745-749	0-26	0.00	2 LBS		16/30 BROWN SAME
5	47		Gel Water	746-707	0-26	0.00	2 LBS		12/20 BROWN (bulk
6	71		Gel Water	707-708	0-26	0.00	3 LB\$		12/20 BROWN (bulk
7	19	Flush	Gel Water	708-813	0-28	0.00			
8						0.00			
9		T				0.00			
10						0.00			
11						0.00			
12						0.00			
13						0.00			
14						0.00			
15					1.	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			