Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999 Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Name: L. D. DRILLING, INC. 7 SW 26 AVE. COUNTY: BBARTON 7 SW 26 AVE. COUNTY: BBARTON 7 SW 26 AVE. COUNTY: BARTON 7 SW 26 AVE. 1330 10 feet from (**) N (crote one) Line of Section 990 10 feet from (**) N (crote one) Line of Section 990 10 feet from (**) N (crote one) Line of Section 10 Footages Calculation Names Outside Section Corner: 10 coincidence in Ne early Control Section 10 Footages Calculation Names Outside Section Corner: 10 coincidence in Ne early West Section 10 Footages Calculation Names Outside Section Corner: 10 coincidence in Ne early West Section 10 Footages Calculation Names Outside Section Corner: 10 coincidence in Ne early West Section 10 Footages Calculation Names Outside Section Corner: 10 Footages Calculation Names Ou	Operator: License #6039	API No. 15 - 009-24811-00-00 ORIGINAL
Address: TSW 28 AVE. Chly/Statz/pp. GREAT BEND. KANSAS 675530 Chloride Conniction Chly/Statz/pp. GREAT BEND. KANSAS 675530 Chloride Geologist. KIM SHOEMAKERUJIM MUSGROVE Designate Type of Completion: Well kance: Great Geologist. KIM SHOEMAKERUJIM MUSGROVE Glide Anne: HELZER SW Well #: 1 Flidd Name: HELZER SW Well #: 1 Total Depth: GREAT BEND. KANSAS EAST-BEND. GREAT BEND. HELD SAS Pub Back Total Depth: Great and Chloride, etc) If Workover/Re-antry. Cld Well into as follows: Operation: ARBUCKLE Well #: 1 Total Depth: GREAT GREAT BEND SW. Expl. Calhodic, etc) If Workover/Re-antry. Cld Well into as follows: Operation: ARBUCKLE Well #: 1 Total Depth: GREAT GREAT BEND SW. Expl. Calhodic, etc) If Workover/Re-antry. Cld Well into as follows: Operation: ARBUCKLE Well #: 1 Total Depth: GREAT GREAT BEND SW. Expl. Calhodic, etc) If Workover/Re-antry. Cld Well into as follows: Operation: ARBUCKLE Well #: 1 Total Depth: GREAT GREAT BEND SW. Expl. Calhodic, etc) If Workover/Re-antry. Cld Well #: 1 Total Depth: GREAT GREAT BEND SW. Expl. Calhodic, etc		
City/State/Zip. GREAT BEND, KANSAS 675530 Punchaser. LUMEN ENERGY RECEIVED Poperator Contacts Person. L. D. DAVIS APR - 14 2005 Phone: (£20_) 783-3051 Contractor: Name: VAL ENERGY. INC. Contractor: Name: Val Energy Name: Val Interactor: Name: Val		
Purchaser: LUMEN ENERGY Operator Contact Person: L. D. DAVIS Operator Contact Person: L. D. DAVIS APR. 9.4. 2005 Phones: (280_) 793-3051 Contractor: Name: VALENERGY, INC. Contractor: Name: Valent Name:	City/State/Zip: GREAT BEND, KANSAS 675530	feet from (S) N (circle one) Line of Section
Operator Contact Person: L. D. DAVIS Phone: (620	Purchaser: LUMEN ENERGY RECEIVED	990 feet from (E)/ W (circle one) Line of Section
Phone: (£20		
Contractor: Name: VAL ENERGY, INC. KCC WICHITA License: 5822 Wellstile Geologist: KIM SHOEMAKER/JIM MUSGROVE Designate Type of Completion:	Phone: (620) 793-3051	
License: 5822 Worlstele Geologist: KIM SHOEMAKER/JIM MUSGROVE Designate Type of Completion: ✓ New Well — Re-Entry — Workover — Oil — SWD — SIOW — Temp. Abd. ✓ Gas — ENHR — SIGW — Multiple Stage Cementing Collar Used? — [1914] — Total Depth: 3635 — Plug Back Total Depth: — Amount of Surface Pipe Set and Cemented at — 835 — Fee Multiple Stage Cementing Collar Used? — [1914] — Well Name: — HIZER SW — Multiple Stage Cementing Collar Used? — [1914] — Well Name: — HIZER SW — Multiple Stage Cementing Collar Used? — [1914] — Multiple Stage Cementing Collar Used? — [1914] — Well Name: — HIZER SW — Fee Multiple Stage Cementing Collar Used? — [1914] — Multiple Stage Cementing Collar Used? — [1914] — Well Name: — Fee Multiple Stage Cementing Collar Used? — [1914] — Well Name: — [1914] — Multiple Stage Cementing Collar Used? — [1914] — Well Name: — [1914] — Multiple Stage Cementing Collar Used? — [1914] — Well Name: — [1914] — Multiple Stage Cementing Collar Used? — [1914] — Well Name: — [1914] — Multiple Stage Cementing Collar Used? — [1914] — West Amount of Surface Pipe Set and Cemented at — [1914] — Multiple Stage Cementing Collar Used? — [1914] — Multi	Contractor: Name: VAL ENERGY, INC. KCC WICHITA	
Wellsite Geologist: KIM SHOEMAKER/JIM MUSGROVE Designate Type of Completion: ✓ New Well		Field Name: HEIZER SW
Designate Type of Completion: New Well	Wellsite Geologist: KIM SHOEMAKER/JIM MUSGROVE	Producing Formation: ARBUCKLE
Total Depth: 3635 Plug Back Total Depth: Amount of Surface Pipe Set and Cemented at 835 Fee Multiple Stage Cementing Collar Used? Set Multiple Stage Set Multiple Stage Cementing Collar Used? Set Multiple Stage Cementing Collar Used? Set Multiple Stage Set Multiple Set Multiple Stage Set Multiple Stage Set Multiple Stage Set Multiple Set		Flevation: Ground: 1904' Kelly Bushing: 1914'
Amount of Surface Pipe Set and Cemented at 835 Fee		1
Multiple Stage Cementing Collar Used?	•	
If yes, show depth set		
If Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Original Comp. Date: Original Total Depth: Depending: Re-perf. Conv. to Enhr/SWD Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. O2/09/05 Sput Date or Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the sput date, recompletion, workover or conversion of a well. Rule 82-3-105 and 82-3-107 app. INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the sput date, recompletion, workover or conversion of a well. Rule 82-3-105 and 82-3-107 app. INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the sput date, recompletion, workover or conversion of a well. Rule 82-3-105 and 82-3-107 app. INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the sput date, recompletion, workover or conversion of a well. Rule 82-3-105 and 82-3-107 app. INSTRUCTIONS: An original and two copies of this form shall be gleated to regulate the oil and gas industry have been fully complied with and the statement herein are complete and correct to the best of my knowledge. INSTRUCTIONS: An original Total Policy or policy of 12 months if requested in writing an better of confidentiality Received If Lenied, Yes Date: If Alternate II completion, work or purple to the Reserve Pill Policy or purple to the Date or purple to the Policy or purple to the Date or purple to the Policy or confidentiality Received If Denied, Yes Date: If Alternate II dependent Plan (Date of the April (Date		
See depth to	·	
Well Name: Original Comp. Date: Original Comp. Date Plug Back Total Depth Docket No. Dual Completion Docket No. Original Completion Date or Recompletion Date or Date or William Date or D	•	
Original Comp. Date:Original Total Depth:		teet depin toSX crit.
Depening Re-perf. Conv. to Enhr/SWD Plug Back Plug Back Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. O2/09/05 02/18/05 02/28/05 Spud Date or Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all writine logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. 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. KCC Office Use ONLY Wireline Log Received Geologist Report Received UIC Distribution NOTARY PUBLIC: -STATE Of KMSQS Rashell Patter		
Plug Back Plug Back Total Depth Commingled Docket No. Dual Completion Docket No. Other (SWD or Enhr.?) Docket No. O2/09/05 02/18/05 Date Reached TD Completion Date or Recompletion Date Recompletion Date INSTRUCTIONS: An original and two copies of this form shall be filled with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichilat, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. 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. Signature: 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. Signature: April MARCH 31 ,2005 Market - Room 2078, Wichila, Cansen Market - Room 2078, Wichila		(Data must be collected from the Reserve Pit)
Commingled Docket No. Doc		1
Dual Completion		Dewatering method used
Other (SWD or Enhr.?) Docket No. O2/09/05 Spud Date or Recompletion Date Date Reached TD Date Reached With the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Teasure Towns or conversion of a well. Rule 82-3-106 and 82-3-107 apply. Information of a well. Rule 82-3-108 and 82-3-108 and 82-3-107 apply. Information of a well. Rule 82-3-108 and 82-3-108 and 82-3-107 apply. Information of a well. Rule 82-3-108 and 82-3-108 and 82-3-107 apply. Information of a well. Rule 82-3-108 and 82-3-108 and 82-3-107 apply. Information of a well. Rule 82-3-108 and 82-3-108 an		Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) O2/18/05 Dobtet No. O2/18/05 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date County: Docket No.: Quarter Sec. Twp. S. R. East West County: Docket No.: INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. 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. Signature: Signature: Mireline Log Received Geologist Report Received UIC Distribution Mireline Log Received UIC Distribution NOTARY PUBLIC - STATE OF KANSAS Rasheli Patters	·	Operator Name:
O2/109/05 Spud Date or Recompletion Date Date Reached TD Date Reached TD Completion Date or Recompletion Date County:	Other (SWD or Enhr.?) Docket No	Lease Name: License No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. 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. Signature: Signature: MARCH 31 ,2005 Subscribed and sworn to before me this		
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Signature: Date: MARCH 31 ,2005 Subscribed and sworn to before me this 1 day of April Wireline Log Received Geologist Report Received UIC Distribution NOTARY PUBLIC - STATE of KANSAS Rashell Pattern Rashell Pattern	Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs	er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3- and geologist well report shall be attached with this form. ALL CEMENTING
Signature:		ate the oil and gas industry have been fully complied with and the statements
Title: SECRETARY/ TREASURER Date: MARCH 31 ,2005 Subscribed and sworn to before me this 1 day of April If Denied, Yes Date: Wireline Log Received Geologist Report Received UIC Distribution UIC Distribution NOTARY PUBLIC - STATE OF KANSAS Rashell Pattern Rashell Pa	nerein are complete and correct to the best of my knowledge.	
Subscribed and sworn to before me this1day ofApril	Signature: Description	KCC Office Use ONLY
Subscribed and sworn to before me this1day ofApril	Title: SECRETARY/ TREASURER Date: MARCH 31 ,200	5 Letter of Confidentiality Received
20_05 Notary Public: Rashell Patten Date Commission Expires: 2-2-07 NOTARY PUBLIC - STATE OF KANSAS Rashell Patten	Subscribed and swarp to before me this 1 day of April	
20_05. Notary Public: Rashell Patten Date Commission Expires: 2-2-07 NOTARY PUBLIC - STATE OF KANSAS Rashell Patten	Cabonibed and sworn to belove the tinoauy or	1
Date Commission Expires: 2-2-0.7 NOTARY PUBLIC - STATE OF KANSAS Rashell Patten	$O_{0} = O_{0} = O_{0}$	Geologist Report Received
Date Commission Expires: 2-2-0.7 NOTARY PUBLIC - STATE OF KANSAS Rasheli Patten	Notary Public: KUONUU YOUTON	UIC Distribution
NOTARY PUBLIC - STATE OF KANSAS Rasheli Patten		atten
Rasheli Patten		of Kansas
100 April 5th 2:2:07	Rasheli Pa	atten
My Appt. Exp.	My Appt. Exp. 2	

ORIGINAL

Operator Name: L. L	D. DRILLING, INC	•				CALCARA		Well #:			
Sec19	19 S. R. 14	Eas	t 🗹 West	Coun	ity: BART	ON					
INSTRUCTIONS: Sh tested, time tool open temperature, fluid rec Electric Wireline Logs	and closed, flowing overy, and flow rates	and shut if gas to	t-in pressures, v surface test, al	whether : long with	shut-in pre	ssure reached	static level, hydros	tatic pressure	es, bottom h	ole	
Drill Stem Tests Taker (Attach Additional S		VY	es 🗌 No			og Formati	on (Top), Depth an	d Datum	 Sam	ıple	
Samples Sent to Geo	logical Survey	 ✓ Y	es 🗌 No		Name	9		Тор	Datu	ım	
Cores Taken Electric Log Run (Submit Copy)		☐ Y ☑ Y									
List All E. Logs Run:					SEE	ATTACHED)				
DUAL INDUCTION DUAL COMPEN MICRORESISTI	ISATED POROS			-OG,							
		Pone	CASING I				tion ata				
Purpose of String	Size Hole Drilled	Siz	ze Casing t (In O.D.)	w	eight s. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Additi		
SURFACE NEW	12 1/4"	8	5/8"	2	24#	835'	A-CON	125 sx	3%CC, 1/4# (Cello-Flake	
PRODUCTION	J 7 7/8"	5	1/2"	1	14#	3636'	AA-2 /POZMIX	150/ 25	/60-40		
								·			
			ADDITIONAL	CEMENT	TING / SQU	EEZE RECORD)			**************************************	
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Турє	e of Cement	#Sac	ks Used		Type and Pe	Type and Percent Additives			
Shots Per Foot			RD - Bridge Plug Each Interval Perl		е		cture, Shot, Cement s		d	Depth	
2	3547 - 3549										
		-2	······································				R	ECEIVE	ED		
								PR 0 4 20	1		
						**************************************			- 1		
TUBING RECORD	Size	Set At	· · · · · · · · · · · · · · · · · · ·	Packer	r At	Liner Run	NU	C WICH	11 [A]		
	2 3/8"	3548		. 20101	. "		Yes 🗸 No				
Date of First, Resumero	Production, SWD or E		Producing Meth	nod	✓ Flowing	Pumpi	ng 🔲 Gas Lift	Othe	er (Explain)		
Estimated Production Per 24 Hours	Oil I	Bbls.	Gas 250-300 Es	Mcf ST	Wate 0	r B	ibls. Ga	s-Oil Ratio	G	Gravity	
Disposition of Gas	METHOD OF C	OMPLETIC	NC		_	Production Inter	rval				
Vented Sold	Used on Lease		Open Hole Other (Specia	√ Pe	erf. D	ually Comp.	Commingled			······································	

ATTACHMENT TO ACO-1 CALCARA #1 SW SE SE Sec 19-19-14w, Barton Co., KS

DAILY DRILLING REPORT

ORIGINAL

OPERATOR:

L.D. DRILLING, INC.

LEASE: Calcara #1

SW SE SE Sec 19-19-14 W

WELLSITE GEOLOGIST:

KIM SHOEMAKER

Barton County, KS

(JIM MUSGROVE ON LOCATION)

CONTRACTOR:

Val Energy, Inc.

ELEVATION:

GR: 1904'

KB: 1914'

SPUD:

02/09/05 8:00 P.M.

PTD:

3625'

SURFACE:

Ran 21 jts New 24# 8 5/8" Tally 833' Set @ 835' w/210 sx. A-Con 3% CC

1/4# Celo-Flake per sk. 125 sx. 60/40 Pozmix 2% Gel 3% CC 1/4# Cel-Flake

Plug Down 3:15 p.m. 2-10-05 Did Circulate

2/10/05 650' Drilling 2/11/05 950' Drilling 2/12/05 1813' Testing 2/13/05 2200' CFS 2/14/05 3100' Drilling 2/15/05 3292' Drilling 2/16/05 3390' CFS 2/17/05 3560' CFS

2/18/05 3635' TD to Log

SAMPLE TOPS:

Herrington Winfield

Towanda

Ft. Riley

Red Eagle

Tarkio Lime

Elmont

Howard

Neva

Council Grove

RECEIVED
APR 0 4 2005 KCC WICHITA DST #1 1718 - 1813'

TIMES:

30-30-45-60

BLOW: 1st Open:

2nd Open:

RECOVERY:

70' Mud

IFP: 32 - 39

ISIP: 283

FFP: 42 - 56 **FSIP: 309**

TEMP:

DST #2 3231 - 3250'

TIMES:

30-30-30-30

BLOW: 1st Open: Weak

2nd Open: no blow

RECOVERY:

10' Mud

IFP:

29-30 32-33

ISIP: 116

FFP:

FSIP: 78

TEMP:

DST #3 3250 - 3291'

TIMES:

30-45-45-60

BLOW: 1st Open: Fair

2nd Open: Weak

RECOVERY:

70'gip, 50' very slight oil &

gas cut mud (1% oil, 5% gas, 94% mud)

IFP:

33-33

ISIP: 199

FFP:

29-35

FSIP: 146

TEMP:

Topeka 2801 **Brown Lime** 3216

1754

1804

1869

1899

1981

2253

2328

2604

2663

2737

+160

+110

+45

+15

-67

-339

-414

-690

-749

-823

-887

-1314

-1302

3228 Lansing

DAILY DRILLING REPORT

ORIGINAL

OPERATOR:

L.D. DRILLING, INC.

LEASE: Calcara #1

SW SE SE Sec 19-19-14 W

KB:

WELLSITE GEOLOGIST:

KIM SHOEMAKER

Barton County, KS

CONTRACTOR:

Val Energy, Inc.

ELEVATION:

GR: 1904'

1914'

SPUD:

02/09/05 8:00 P.M.

PTD: 3625'

SAMPLE TOPS: (continued)

Arb (Reworked Top)

3546 -1632

Arb (Solid top)

LOG TOPS:

3550 -1636 DST #4 3292 - 3310' LKC G Zone

TIMES:

30-30-30-45

BLOW: 1st Open: Strong - BOB 10 Min

2nd Open: Strong - Slow build to 10"

RECOVERY: 700' Water - Strong Sulfur Odor

IFP:

40 - 190

ISIP: 1033

FFP:

195 - 315 FSIP: 1036

DST #5 3350 - 3420' LKC H & L Zone

TIMES:

30-30-45-60

BLOW: 1st Open: Strong - BOB 10Min

2nd Open: Strong - BOB 15 Min

RECOVERY:

800' GIP; 120'HOGCM

(30%oil, 25%gas, 45%mud); 190'O&GCWM

(10%oil, 20%gas, 15%water, 55%mud)

190' SLOCGW (3%oil, 10%gas, 87%water)

250' GW (10%gas, 90%water) 54,000 ppm

750' Total Fluid ROC

IFP:

53 - 196

ISIP: 985

FFP:

213 - 338 FSIP: 977

DST #6 3450 - 3560'

TIMES:

30-45-45-60

BLOW: 1st Open: Strong - BOB 1 Min,GTS 4 m

30% mud,65% Sulfur water

2nd Open: Strong - GTS Throughout

RECOVERY:

300' SLOCMW (5%oil,

IFP:

267 - 277 ISIP: 1115

FFP:

284 - 251 FSIP: 1063

RECEIVED

APR 0 4 2005

KCC WICHITA

LOG-TECH, INC. NO CEORIGINAL HAYS, KANSAS 6760

(785) 625-3858

Date 2-28-05

CHARGE TO: L.D. Dr: Illing , Inc.							
ADDRESS							
R/A SOURCE NO. CUS	STOMER	ORDER N	VO	rbel	(NW))	
	F						
NEAREST TOWN HOUSE	COUNTY_	Bart	-0~			KS	
SPOT LOCATION 5 - 5 E - 5 E SEC	. <u>19</u>	T	WP	95	RANGE	<u> 14h</u>	_
ZERO 10' AGL CASING SIZE 5	5"			WEI	IGHT		
ZERO 10' AGL CASING SIZE 5 CUSTOMER'S T.D. 3611 LOG T	ECH		F	LUID LE	VEL		
ENGINEER T Schmeidler OP	ERATOR	m.	Webb				
PERFOR	ATING						
Description	STATE	No. S	hots Fr	Depth- om	To	Amou	
23/e" HEC		8		Berd Aller		1400	20
3544.5							
2.5							
3547.0							
						<u> </u>	
		R	ECEI\	ÆD			
		A	PR 04	2005			
		177	CA 1001C				
		KC	C WIC	HIIA		<u> </u>	
				<u> </u>			
			<u> </u>	<u> </u>	L		
MISCELLA	NEOUS						
Description				: Qu	antity	Amo	
Service Charge						450	=
T.J. 8:00 mm							
A.O.L. 7:40							
S.J. 8.30							
F.J. 8:45 T.W.T.						_l	}
PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT					Sub Total	1850	100
RECEIVED THE ABOVE SERVICES ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED ON THE REVERSE SIDE TO WHICH WE HEREBY AGREE.					Tax		
LDD avis		PAID W				1285	00
Customer Signature Date							1

(1. Row) -	7WOW 10th	St. to	HEIZEL	2 BUTP-	-/N-/1400 RIGINA	1-Ninto
	INVOICE NO.	Subjec	t to Correction	FIEL	D ORDER	9599
	Date 7-10-8	Lease	PARI	4 Well # /	Legal 9 -	19-14
SERVICES	Customer ID	County	ason/	State	Station	ANIS
- / X X	PARIZALG	Depth	Formation		Shoe Joint	
C (/) [] [] [] [] [] [] [] [] [] [procession of	Casing	Casing Depth	-1 TD 5(35	Job Type	ACE-pr
R ————————————————————————————————————		Customer Repres	entative DC	1 Treat	er / P	DIEY
Ε			0-	Λ Δ	? , , ; }	
AFE Number	PO Number	Materials Received by	X KIC	K 59	KERSA	J COTALLE DUNTING
Product Code QUANTIT	TY MATERIAL, EQUIPMENT an	d SERVICES USED	UNIT PRICE	AMOUNT	CORRECTION	AMOUNT
D20/ 210	V. H-CON CE	MON .	 -			
D203 1250	x 60/40 102 6	MON .			<u> </u>	
C510 918 /	b CALCILLAN C	HORADE.			<u> </u>	
0 194 81 1	b. Course	3	-			
F163 184	848 WOOT	rug -	†			
E100 100 un	L TRUCK MI	LE.				
E10/ 60 mi	le fiched M.	LUB.				
E104 487	m BULK BEL	IVERY				<u> </u>
E107 3355	X. CUST. SERV,	(HARLE				
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	PROTE	;	 	6760.77	 	
	11000			ax (620) 672-5383	TOTAL	<u> </u>

ORIGINAL TREATMENT REPORT

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O.					Customer	ID .			Date			
					Customer	B.	DRIVE	DWG.		-10-		
SER	VICES	LLC		<i>i</i>	Lease	PARC	MRA		Lease No.		Well #	
Fold Smoot	Statio	n PR	981, B	5		Casing	Of Dep	844°	County	ALTO		State 4/5.
Type Job	SURFI	ACE	-NU	ン			Formation	835		Legal Desc	ription 9-1	19-14
PIF	E DATA		PERFORA	TING	DATA	F	LUID USED				IT RESUME	
Casing Size	Tubing S	Size Sho	ts/Ft			Acid			RA	TE PRESS	ISIP	
Depth	Depth Depth	Fro	m	То		Pre Pad			Max		5 Min.	· · ·
Volume	Volume	Fro	m	То		Pad			Min		10 Min.	
Max Press	Max Pres	ss Fro	m	То		Frac			Avg		15 Min.	
Well Connect	ion Annulus	Vol.	m	То					HHP Used		Annulus Pi	
Plug Depth	Packer C	Depth Fro	m	То		Flush			Gas Volume	1	Total Load	i
Customer Rep	presentative	Rose	K.	1	Station Mana	gor IAIX	TRI		Treater	500 PD	IEY	
Service Units			120	<u>ر</u>	28	Uh	76					
Time	Casing Pressure	Tubing Pressure	Dhia	Pumper		Rate			S	ervice Log		- "
1000							ON	LOC	ATIC			
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1300							Run	83	8	18 C	G.	
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11/20	200		9	35	-	6	210	SKI	4-con		3c. 14	#C.F.
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102	44 NE Hiv	way 61	P.O. Bo	x 861	3 • Prat	t, KS 671	24-8613	Phone	(620) 672-	1201 • Fax	(620) 672	-5383

ORIGINAL

	<u>.</u>	INVOICE NO.	Subic	oct to Correction	FIEL	D ORDER	9998
		Date	l ease		Well #	Legal	<u> </u>
		2-18-65 Customer ID	A	r q	State	Station	95-14m
SER	VICES,	LLC	Depth Sa	r ≠ o η Formation	<u> </u>	Pra#	
c Lit	Dul	ling		TP=36	543 14 ppf	Shoe Joint	
H A		J	Casing 1/2	Casing Depth	3636	Job Type	ag Now Well
R ——— G E			Customer Repre	Sentative Davi's	Treat	D Scott)
	···					3 3(0)//	
AFE Numbe	r	PO Number	Materials Received by	x L.D.	Davis		Srott
Product Code	QUANTITY	MATERIAL, EQUIPMENT	and SERVICES USED	UNIT PRICE	AMOUNT	/ ACC CORRECTION	OUNTING AMOUNT
D205	150 ski	AA-2 Comm	Off				
D303	25 sk.	60.40 poz 1	ommon				
<u>C 195</u>	113 LA	FLA 322					
£ 2.21	776 Lbs	Salt fine					<u> </u>
<u>C243</u>	29 16	Deformer					
<u>C3/2</u>	106 Lbs	Gas Blok					
<u>(361</u>	748 (bs	Gilsonite					
<u>f 302</u>	500 gals	mud Flush	- 1/ .			ļ <u>.</u>	
F191	1 / E4	Guide Show	44 11				
F231	1,09		7/ //		111.22		
<i>E</i> /43	1/59	Top Swiser	Plug "	-			
F-101	4/ Eq	Centralizer	5				
1:100	1 89	Trk ini lua					1
E101	E'q	Pickup milwa	7				<u> </u>
EIDY	439 40	, _ , , , 	Pha				
	1175 5/1	Put Serve					
1208	1 0	Pullip thing	0				
R701	1 84	Punt Head	(Priral	1		<u> </u>	
						RECEIVE	<u>‡</u> D
							
	 					APR 0 4 20	J
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						:	
		Discounted	Price =	5881.14	,		
10244 NE	Hiway 61 · P.O.	Box 8613 · Pratt, KS 67	124-8613 · Phone (62	20) 672-1201 · Fa	ax (620) 672-5383	TOTAL	

As consideration, the Customer agrees:

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account. Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 - 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 - 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 - 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

- c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES. LLC against any damages from the use of such information.
- d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.
- e) To waive the provisions of the Deceptive Trade Practices Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.
- f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.

ORIGINAL TREATMENT REPORT

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	_				[Custom	er ID				Date						
						Custom	-1, 12 , -1	2019			2-1	8.05					
	VICES		L C			Lease	Co / a r a	7			Lease No.		Weil#				
Field Order #	Stati	v⊄ ^{no}	cost	16	5		Casing	Depth 3	35	Ţ	County Bo	rton		State 5			
Type Job	Lougs				, W	e//		Formation			•	Legal Desc	ription	<u> </u>			
PIF	PE DATA			RFORA		•	ı	FLUID USED TREATMENT RESUME									
Casing Size	Tubing	Size	Shots/i	1,44	15	· ()	Acid 150	sl. AA-	ζ		RATE	PRESS ISIP					
Depth 36	Depth /-//		From	<i>,</i> , , (То		Pre Pad	1 . 23 -	-	Med	ζ		5 Min.				
Volume	5 Volume		From		То		Pad D. F	SFLA	*	Min	156B	 	10 Min.				
Max Press	Max Pre	155	From		То		Frec	137 (7	<u> </u>	Avg		1	15 Min.				
Well Connec		Vol.	From		To					НН	P Used		Annulus Pi	ressure			
Plug Depth	Packer	Depth	From		To		Flush		·	Ga	s Volume		Total Load				
Customer Re	presentative /	<u> </u>	<u> </u>			tation Me	inager D	se Auti	. V		Treater	7 50	04				
	&_	<u>. </u>	<u>. Duc</u> 07	28	٠ .	342	501	3 6 × 747-1	7		,		<u> </u>				
Service Units	Casing Pressure	T	ubing essure	1	Pumped	- 	Rate		I		Servi	ce Log	L				
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<u> 1719</u> 1719	400	 		38			5		Aux Put a) 13.0 ppg 150 ski								
		1		10		4 Close In w Wash Pumps 6.7 Release Pluga St D					730561						
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