KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

Form ACC-1
September 1999
Form Must Be Typed

#### **WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License #	API No. 15 - 095-2957-0001
Name: Ronald D. Blubaugh	County: Kingman
Address: P. O. Box 66	CSW_SE_Sec. 21_Twp. 27_S. R. 7 East  west
City/State/Zip: Tonkawa, OK 75653-0066	585 feet from (S) N (circle one) Line of Section
Purchaser: Gas Products & Supply, Inc.	1955 feet from (E) W (circle one) Line of Section
Operator Contact Person: Robert C. Lewellyn	Footages Calculated from Nearest Outside Section Corner:
Phone: (_316) 518-0495	(circle one) NE SE NW SW
Contractor: Name: Berentz Drilling Co., Inc.	Lease Name: Schwartz Well #: 1
License: 5892	Field Name: Wildcat
Wellsite Geologist: Robert C. Lewellyn	Producing Formation: Mississippian
Designate Type of Completion:	Elevation: Ground: 1596 Kelly Bushing: 1601
New Well Re-Entry Workover	Total Depth: 4268 Plug Back Total Depth: 4059
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 234 Feet
GasENHRSIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set N/A Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from N/A
Operator: Barnett Oil Company, Inc.	feet depth tosx cmt.
Well Name: O'Neal No. 1	
Original Comp. Date: 8-16-76 Original Total Depth: 4268	Drilling Fluid Management Plan NO NH 7-15-08 (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content 12,000 ppm Fluid volume 925 bbls
Plug Back Total Depth	Dewatering method used evaporation (Farmer filled pits)
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
•	Lease Name: License No.:
9-24-04 10-06-04 1-15-06  Spud Date or Recompletion Date  Date Reached TD Recompletion Date  Recompletion Date	Quarter Sec TwpS. R East West           County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, worko Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wel	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-13) and geologist well report shall be attached with this form. ALL CEMENTING Is. Submit CP-111 form with all temporarily abandoned wells.
herein are complete and correct to the best of my knowledge.  Signature:	KCC Office Use ONLY
Authorized Representative 8-9-07	N Letter of Confidentiality Received
O Date.	Letter of Confidentiality Received  If Denied, Yes Date:
Subscribed and sworn to before me this	, Wireline Log Received
20.67	
Notary Public: Nelettee Delleur	Geologist Report Received RECEIVED  UIC Distribution KANSAS CORPORATION COMMISSION
Date Commission Expires: 6-4-2008	AUG 1 8 2007



1 1 m

perator Name: Ron	ald D. Blubaugh		Le	ase Name:	Schwartz		_ Well #: 1	
ec21 Twp27		_ East ✓	West Co	unty: Kingma	an			
NSTRUCTIONS: Shested, time tool oper emperature, fluid rec lectric Wireline Logs	and closed, flowing overy, and flow rate	g and shut-in pr s if gas to surfa	essures, whethe ice test, along w	er shut-in pre	ssure reached	static level, hydro	ostatic pressur	ests giving interval res, bottom hole ed. Attach copy of all
rill Stem Tests Take		☐ Yes	<b>√</b> No	Įμ	og Formati	on (Top), Depth a	and Datum	Sample
Samples Sent to Geological Survey			Name Mississippian				Top 3906	Datum (-2305)
			✓ No ✓ No					
st All E. Logs Run:								
_og-Tech Gar	nma Ray Neu	itron						
		Report all s	CASING RECO			ction, etc.		
Purpose of String	Size Hole Drilled	Size Cas Set (In C	sing	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Production	7 7/8"	4 1/2"	10.5	#	4058	class H	100	10%gelseal,10%salt
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD  —— Plug Off Zone	Depth Top Bottom	AD Type of Ce	DITIONAL CEME	ENTING / SQU Sacks Used	JEEZE RECOR		Percent Additive	5
Shots Per Foot			Bridge Plugs Set/		l	acture, Shot, Ceme		ord
SPF	3908-3914	Footage of Each	Interval Perforated			FE 15% HCL	lateriai Osedj	Depth 3914
	3300-3314					sd, 1600 gal pro	frac, 4000 gas	hydrovis
TUBING RECORD	Size	Set At	Pac	cker At	Liner Run			
2.3  Date of First, Resumer	3/8" d Production, SWD or	3908 Enhr. Pro	oducing Method			Yes N	<u> </u>	
2-15-06				<b>√</b> Flowin	g Pump	oing Gas L		ner (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. 20	Gas Mcf ,000 CFGD	250 E	er BWPD	Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF	COMPLETION	,		Production Inte	erval	<del></del>	
Vented ✓ Sold (If vented, So	Used on Lease		Open Hote   Other (Specify)	Perf. [] 1	Dually Comp.	Commingled	KANSAS (	RECEIVED CORPORATION COMMIS

AUG 1 0 2007

Kansas, Oklahoma, Nebraska, and Colorado Authority

KCC No. 2276 ICC Route No. 14127 Private Carrier No. 33-898 ICC No. MC-91568

Phil Wagner

P.O. Box 768 Great Bend, KS 67530 620-793-9721 FAX 620-793-5101

04-487 INVOICE NO.

> 11/2/04 DATE

Work Order No. Purchase Order No.

Ordered By Dewayne with

National Oilwell

Miles 85

Robert C. Lewellyn P.O. Box 609 Kechi, KS 67067-0609

FROM: Great Bend, KS - Miller Warehouse and

National Oilwell

TO: Kingman, KS - East End of Town - 2 North -½ East - North Side (Schwartz #1 Lease)

THANK YOU!  Payment Due Upon Receipt		TOTAL		\$878.64
Pd 12.14.04 Ch 1042 6 2393.19			KANSAS CO	RECEIVED RPORATION COMMIS  JG 0 9 2007  SERVATION DIVISION WICHING KS
			, which	
Extra Labor	0			224.00
9% Fuel Surcharge Extra Labor	8		28.00	54.04 224.00
Truck Time to Load and Unload	3		85.00	255.00
aded and hauled 3950' or 159 - ¾" rods and one joint of 2 3/8" tubing to ation and unloaded	:	24,000 Min	1.44	345.60
Details of Commodity Hauled or Services Performed	Hours	Weight (Actual or Estimated)	Rate (Hour or CWT)	Amount

By order of the Kansas Corporation Commission, effective November 20, 1957, billings still unpaid at the end of 60 days following the date of billing shall be subject to a penalty charge of 10% of the total amount due beyond the 60-day period, plus 6% per annum on the total amount due beyond the 60-day period.

TOTAL 2,393.19

### ADVANTAGE ELEVATIONS

P. O. Box 8604 10168 S. Hwy 281 Pratt, KS 67124

**Invoice** 

DATE	INVOICE #
08/24/2004	824042

Ronald Blubaugh	
Box 66	
Tonkawa, OK 74653-0066	

TERMS	PROJECT
Due Upon Receipt	

DESCRIPTION	AMOUNT
Technical services to assist in the relocation of old bore hole of Schwartz OWWO,	295.00
Technical services to assist in the relocation of old bote note of seasons. Ks	

Section 21, Township 27 South, Range 7 West, Kingman Coun

Pd. 9-15-04

**RECEIVED** KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION WICHITA, KS

**Total** 

\$295.00

Allied Cementing Co., Inc P.O. Box 31

Russell, KS 67665

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\*\*\* STATEMENT \*\*\*

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STATEMENT DATE: 12/16/04

CUSTOMER ID.: Blub

PAGE: 1

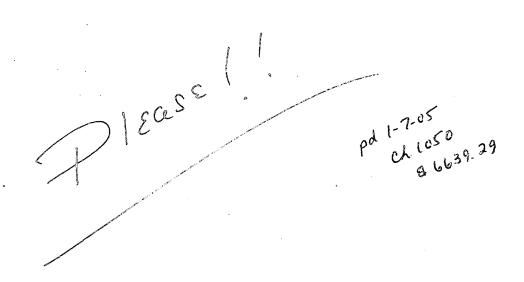
Ronnie Blubaugh

P. O. Box 66

Tonkawa, OK 74653-0066

Payable 30 days following date of invoice. 1 1/2% Charged Thereafter.

INVOICE	DATE	TERMS OR REF	CODE	DEBITS	CREDITS	CUMULATIVE BALANCE
094576	09/24/04	Invoicing	SA	6639.29	*** ·	6639.29
				~ ~ ~ ~ ~ ~ ~ ~ ~		
				6639.29	0.00	6639.29



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CONSERVATION DIVISION WICHITA, KS

TOTAL DUE 6639.29

CURRENT	1 - 30 PAST DUE	31 - 60 PAST DUE
0.00 OVER 60	0.00	6639.29
PAST DUE	OPEN CR  0.00	TOTAL  6639.29

### SPIVEY OIL FIELD SERVICE, L.L.C.

115 S. MAIN STREET, P. O. BOX 35 SPIVEY, KS 67142-0035

#### Invoice

Date	Invoice #
4/15/2005	23128

Bill To RONALD BLUBAUGH P. O. BOX 66 TONKAWA, OK 74653-0065

		·	P.O. No.	Terms		Due D	ate		LEASE
						4/15/2005		SCHWARTZ	
Date	Item		Description		Q	ty/Hrs	F	Rate	Amount
4/4/2005		SCHWAF 66703 & 6							
	#340W/	SWAMPE	CK W/OPERATOR ER TO CHANGE ST DLE AND BALANCI		3		135.00	405.00	
4/11/2005	1002	W/PICKU PARTS, D PLUMB IN	ICS (TWO (2) MEN P & TOOLS) TO PI PRIVE TO LOCATION 2:" PVC LINE FRO TANK TO STOCK T	ICK UP ON AND OM SALT		3		95.00	285.00T
4/12/2005	1002	MECHAN W/PICKU LEASE, P CHANGE	ICS (TWO (2) MEN P & TOOLS) TO DI ULL BELT GUARD D SHEAVES FRON IGNED ENGINE. I	RIVE TO , // A 5" TO A		3		95.00	285.00T
							KA	RE NSAS CORP	CEIVED DRATION COMMISSIO
		1					•	AUG	0 9 2007
								CONSE	RVATION DIVISION VICHITA, KS
A MONTHLY PAST DUE IN	FINANCE CHA IVOICES.	RGE OF 1 1/	2% WILL BE ADDE	ED TO ALL	s	ales Tax	(5.3%)		\$30.21
					В	alance Du	ie		\$1,005.21

## Blackhawk

Invoice No.

1-B595

P

Well Service LLC PO Box 8647 Wichita, KS 67208

INVOICE =	NVOICE	
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_ CUS1	TOMER						
Name	Ronald D Blubaugh				11	Date	11/5/2004
Address	PO Box 66					Lease Name	Schwartz
City	Tonkawa	State OK	_ ZIP	74653-0066		Well Number	1
	•				$\parallel$	County	Kingman
ATTN					/\	State	KS

Qty	Description	Unit Price	TOTAL
1	SUBTOTAL FROM PAGE 1	\$10,958.00	\$10,958.00
	10/28/04 Work Ticket #1510		
9.5	Rig #1 Operator & 2 men	\$150.00	\$1,425.00
	Travel	\$100,00	\$200.00
2 2 6 4	2 3/8 Wire Cups	\$29.50	\$59.00
6	2 3/8 Lite Load Cups	\$27.50	\$165.00
4	Oil Saver Rubbers	\$16.00	\$64.00
1	Tubing Swab	\$125.00	\$125.00
	10/29/04 Work Ticket #1511		
10	Rig #1 Operator & 2 men	\$150.00	\$1,500.00
2 4 2 4	Travel	\$100.00	\$200.00
4	2 3/8 Lite Load Cups	\$27.50	\$110.00
2	2 3/8 Lite Load Cups	\$27.50	\$55.00
	Oil Saver Rubbers	\$16.00	\$64.00
1	Tubing Swab	\$125.00	\$125.00
•	11/01/04 Work Ticket #1512	.	
9 2 6 3 1	Rig #1 Operator & 2 men	\$150.00	\$1,350.00
2	Travel	\$100.00	\$200.00
6	2 3/8 Wire Cups	\$29.50	\$177.00
3	Oil Saver Rubbers	\$16.00	\$48.00
1	Tubing Swab	\$125.00	\$125.00
	11/02/04 Work Ticket #1513	1 1	
9.5	Rig #1 Operator & 2 men	\$150.00	\$1,425.00
1	Travel	\$100.00	\$100.00
		SubTotal	\$18,475.00
	4 (A) A) A		₹10,475.UU
	APR 1 9 2005	Tax	
		TOTAL /~	

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CONSERVATION DIVISION WICHITE KS

Operator: Well:	Ronald D. I			-			Tally Repo	rt -	# Joints		Casing OD	Mojet	New/Used	Crado	STC/LTC
Location:	585' FSL &	1955' FEL	Sec. 21-27	5-7W		Zero-KB	5	ft.	91		4.5"	10.5	New	J-55	STC
API#:	Kingman C 15-095-205									0	0	0	0	. 0	0
Jt.	Length	Cumm Footage	Jt.	Length	Cumm Footage	Jt.	Length	Cumm Footage	Jt.	4	Length	Cumm Footage	Jt.	Length	Cumm Footage
1	44.23	44.23		44.10	1151.21	51		2258.77		76	44.22	3365.64	101	0.00	4029.68
2				44.24	1195.45	52		2303.04		77	44.26	3409.90	102	0.00	4029.68
4				44.27 44.23	1239.72 1283.95	53 54		2347.30 2391.58		78	44.25	3454.15	103	0.00	4029.68
5				44.27	1328.22	55		2435.96		79 80	44.28 44.36	3498.43 3542.79	104 105	0.00 0.00	4029.68 4029.68
6		265.68		44.26	1372.48	56		2480.26		81	44.25	3587.04	105	0.00	4029.68
7	44.31	309.99		44.33	1416.81	57		2524.58		82	44.29	3631.33	107	0.00	4029.68
8				44.35	1461.16	58	3 44.27	2568.83		83	44.37	3675.70	108	0.00	4029.68
9				44.34	1505.50	59		2612.90		84	44.04	3719.74	109	0.00	4029.68
10		442.62		44.32	1549.82	60		2857.21		85	44.34	3764.08	110	0.00	4029.68
11				44.32		61		2701.46		86	44.30	3808.38	111	0.00	4029.68
12 13				44.30	1638.44	62		2745.71		87	44.16	3852.54	112	0.00	4029.68
14				44.27 44.31	1682.71	63		2790.04		88	44.26	3896.80	113		4029.68
15				44.31	1727.02 1771.40	64 68		2834.31		89	44.36	3941.16	114	0.00	4029.68
16				44.34	1815.74	66		2878.61 2922.94		90 91	44.27 44.25	3985.43	115	0.00	4029.68
17					1860.02	67		2967.34		92	0.00		116 117	0.00 0.00	4029.68 4029.68
18						68		3011.64		93	0.00		118	0.00	4029.68
19	44.28	841.30	44	44.30	1948.64	69		3055.90		94	0.00		119	0.00	4029.68
20		885.61	45	44.28	1992.92	70		3100.19		95	0.00		120	0.00	4029.68
21						71	44.36	3144.55	į.	96	0.00	4029.68	121	0.00	4029.68
22				44.32		72		3188.84		97	0.00	4029.68	122	0.00	4029.68
23				44.26		73		3233.08		98	0.00		123	0.00	4029.68
24 25						74		3277.13		88	0.00			0.00	4029.68
			50	44.30	2214.47	75	5 44.29	3321.42	1	100	0.00	4029.68	125	0.00	4029.68
Total	1107.11			1107.36			1106.95				708.26			0.00	
	Tallied	Tallied	Run	Run	Comments										
Column		# Joints	Footage	# Joints											
1		25		25		Berentz R	ig 6 ran 92 jts	s.(counting	shoe jt.) 4	4.5"	casing to 40	48'. Insert	@ 4035'. C	entralizers @	<b>D</b>
3				25		4035, 394	6, 3858, 372	5, 3636. Ba	isket @ 3	769.	Packer sho	e on botton	<ol> <li>Circulate</li> </ol>	d w/ mud pu	ımp
4						for 40 min	utes, drop ba	III. Circulate	e addition	al 30	minutes. P	ump 500 ga	Illon KCL an	d 500 gallor	mud
5						A RPM (P)	ad of 100 sx. 300 PSIG -6	00 DSIG   E	שיש gyp-s	ear	+ 10% San +	6# Kol-Sea	11 + .8% FL-	160. Pumpe	ed @
6						1.45 AM 9	/23/2004, PI	un held	amped p	uy v	VIU1 600 PSI	G. Pressure	:0 10 1800 P	SIG Plug a	own @
7		_				1.40 / 1111 0	120/2004.	ag nelu.			*				
8	0.00	0									≨				
9	0.00	0	0.00								Σ				
10			0.00						ු ද	_	S				
Total	4029.68			91					ž	<b>≥</b>	ĕπ.			•	
	t + Packer S	Shoe	13.35	1					≨Ä	ਨ	ሟ 🦳				
Casing be	IOM KB"		5.00			RTD	4053		ਠੋਂ≶	0	울요				•
Shoe @			4048.03	92		Tally TD	Did not tag		흘렁	09	출백				
Float @			4034.68						₽ž	$\sim$	RECEIVED DRPORATION CO				
									CONSERVATION DIVISION WICHITA, KS	2007	ಜ್ಞ				
									S	7	ĭ				
									2		₩				
											RECEIVED KANSAS CORPORATION COMMISSION				
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# 

DRILLING N	AUD REPORT	REPORT NO	*
DATE	20	DEPTH	
API	STATE COU	NTY	
WELL NO.			

					] INC.	·   -	Al	P)	STATE COL			
100 S. Main,		05 / Wichita, KS 6					WEI				TII	
OPERATOR				C	ONTRA	CTOR			<del></del>	RIG	NO.	
ADDRESS		· · · · · · · · · · · · · · · · · · ·			DDRES	S				SPU	D DATE	<del></del>
REPORT FOR MR.		<del></del>		R	EPORT	FOR MR.			······································	SECT	ON, TOWN	ISHIP, RANGE
WELL NAME AND NO.		***		FIELD	OR BL	OCK NO.	COUNTY			STATE		· · · · · · · · · · · · · · · · · · ·
OPERATION		CASING		ML	ID VOL	UME (BBL)			CIRCULATIO	N DATA		·
PRESENT ACTIVITY	-	SURFACE		HOLE		PITS	PUMP SI			ANNULAF		T./MIN.)
BIT SIZE (IN.) NO.		IN. at INTERMEDIAT	-	TOTAL		ILATING	PUMP MA	AKE		OPPOSITE (		
DRILL PIPE SIZE TYPE	-	PRODUCTION OR	FT.	ll	DRAGE		BBL/STF	IOKE S	TROKE/MIN	CIRCULATI PRESSURE		
DRILL COLLAR LENGT		IN. at	FT.	<u> </u>			BBL./MIN	·	<u> </u>	BOTTOMS (		)
SIZE	11 "	YPE					BBL./MIN	·.	1 ×	SYSTEM TOTAL (MI	N.)	٠.
Sample from [] Flowline Témp		e Pit %F	MUD	PROPE	RTIES	DAILY COST			CUMUI	LATIVE COS	Т	
Time Sample Taken		AM PM					MUD	PROPE	RTIES SPECI	FICATIONS		
Depth (ft)						WEIGHT		viscosi	TY	FILTRAT	Ē	
Weight 🗌 (ppg) 📋 (lb/c	u ft)						OPE	RATOR	S WRITTEN [	DRILLIN	G CONTI	RACTOR
Mud Gradient (psi/ft)					ļ	BY AUTHORIT	OPE	RATOR'	S REPRESEN	TATIVE []	OTHER	
Funnel Viscosity (sec/qt)	API at _				ļ	1	M	ATERIA	LS RECOMI	MENDED		
Plastic Viscosity cp at Yield Point (lb/100 sq ft)		<u>°</u> F			<del> </del>							
Gel Strength (lb/100 sq f		c/10 min	_,		<del>  ,   </del>		•	•				
oH ☐ Strip ☐ Meter	17 10 36	C/10 111111			<del></del>							
Filtrate API (ml/30 min)												
Cake Thickness 32nd in A	API 🗆 I	IP-HT 🗆	10									
Alkalinity, Mud (P <sub>m</sub> )												
Alkalinity, Filtrate ( $P_f/M_f$ )			1	1	1							
Salt gpg Chlorid	te Ppn gog											
Calcium ppm Gyp (	ppb)											
Sand Content (% by Vo	)))						•					
Solids Content (% by Vol)			٠									
Dil Content (% by Vol)												
Nater Content (% by Vol)	•								F	RECEIVED PREPORATION C	) OMMISSIO	N
C.M. #/bbl				-								
reservative #/bbl									Al	UG 0 9 20	07	
			1							SERVATION D		
Premium Soda Ash Caustic S Super Lig	oda	MUD ON HAND	/USED Drillpace C/S Hu Multi Se Cedar I Cello F	ils eal Fiber					CON	WICHITA, KS	<b>;</b>	
	PC St. colonial de la colonia		OGIIO FI	unc								

THE RECOMMENDATIONS MADE HEREON SHALL NOT BE CONSTRUED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND ARE MADE WITH-OUT ASSUMPTION OF ANY LIABILITY BY MUD-CO / SERVICE MUD, INC. OR ITS AGENTS, AND ARE STATEMENTS OF OPINION ONLY.

REPRESENTATIVE	HOME ADDRESS	TELEPHONE
MOBILE UNIT	WAREHOUSE LOCATION	TELEPHONE.
		i e

MU0.G0//	
SERVICE	INC.

,	DRILLING MUD REPORT	DRI		N	EPO 0	RT							
	DATE		2	0	. 01	EPT	н						
	API WELL	STA	TE	co	UN	TY	<del></del>	1			T	T	
ł		1	i i	i i		i .	1	1	1	1	1	1	i

	N DIGMAN							TATE CO	UNTY			
100 S. Main, Suite	405 / Wichita, KS	57202 /	316-26	4-2814	<u> </u>		ELL IO.					
OPERATOR	·		C	ONTRA	CTOR					RIG N	0.	
ADDRESS				DORES	s ·					SPUD	DATE	************
REPORT FOR MR.			−∭R	EPORT	FOR MR.			· · · · · · · · · · · · · · · · · · ·		SECTIO	N, TOWN	SHIP, RANG
WELL NAME AND NO.		· · · · · · · · · · · · · · · · · · ·	   FIELD	ORBL	OCK NO.	COUNTY	· · · · · · · · · · · · · · · · · · ·		STAT	<u>  </u> E		
OPERATION	CASING		ll		UME (BBL)		CII	RCULATIO	ON DA1	TA		
PRESENT ACTIVITY	SURFACE	FT.	HOLE	•	PITS	PUMPS	IZE X	IN.		ULAR V		T./MIN.)
BIT SIZE (IN.) NO.	IN. at		TOTAL	LCIRCU	ILATING	PUMP N	IAKE		7			
	IN, at	FT.	VOLU			MODEL			1	SITE CO		
DRILL PIPE SIZE TYPE	PRODUCTION OR	LINER	IN ST	DRAGE		BBL/ST	ROKE STE	ROKE/MIN		JLATIN		
DRILL COLLAR LENGTH	IN. at	FT.	<u> </u>			BBL./MI	· A.)		1	OMS UP		)
SIZE	MUD TYPE		·			BBL./1411	· .		SYSTE	EM L (MIN	.)	
Sample from Slov		MUD	PROPE	RTIES	DAILY COST	<u> </u>		СПМГ		E COST		
Flowline Temp ,ture		<u> </u>		<del></del>	4							
Time Sample Taken	AM PM	1.4		ļ		MU	D PROPERT	IES SPEC	IFICAT	IONS		
Depth (ft)				ļ	WEIGHT	:	VISCOSITY	1	FIL	TRATE		
Weight 🛮 (ppg) 🔲 (lb/cu ft)		4 (		ļ	BY AUTHORI		ERATOR'S					ROTOR
Mud Gradient (psi/ft)				ļ	51 201110111	' OP	ERATOR'S	REPRESE	NTATI	VE [] 01	HER	
Funnel Viscosity (sec/qt) API a				ļ			MATERIALS	RECOM	MEND	ED		
Plastic Viscosity cp at												
Yield Point (lb/100 sq ft)				ļ	<b>II</b>							
Gel Strength (lb/100 sq ft) 10	sec/10 min	/		1								
pH Strip Meter				ļ								
Filtrate API (ml/30 min)		1	,								,	
Cake Thickness 32nd in API	J HP-HT [_]			<u> </u>								
Alkalinity, Mud (P <sub>m</sub> )				ļ <u>.</u>						*		
Alkalinity, Filtrate (P <sub>f</sub> /M <sub>f</sub> )	oom	/			<b> </b>					,		
Salt gpg Chloride	gpg		<del></del>	ļ								
Calcium ppm Gyp (ppb)				ļ								
Sand Content (% by Vol)				ļ <u> </u>								
Solids Content (% by Vol)				ļ						RECE		
Oil Content (% by Vol)			· · · · · · · · · · · · · · · · · · ·	<del> </del>				KA	NSAS CO	DRPORAT	ION COM	MMISSION
Nater Content (% by Vol)		1		<del> </del>					AI	UG 0 9	2007	,
Preservative #/bbl			· · · · · · · · · · · · · · · · · · ·						7	UU U .	, 2001	ï
16861491146 #1001				<del> </del>					CON	SERVATION		ION
			<del></del>	<u> </u>						WICHIT	A, KS	
MUD ON HAND/USED	MUD ON HAND	~										
Premium Gel Soda Ash	<u> </u>	Drillpad C/S Hu			· .		4					
Caustic Soda	<del></del>	Multi Se					,					
Super Lig		Cedar										
Lime		Cello F										
		1										
		-										
		1										

THE RECOMMENDATIONS MADE HEREON SHALL NOT BE CONSTRUED AS AUTHORIZING THE INFRINGEMENT OF ANY VALID PATENT, AND ARE MADE WITH-OUT ASSUMPTION OF ANY LIABILITY BY MUD-CO / SERVICE MUD, INC. OR ITS AGENTS, AND ARE STATEMENTS OF OPINION ONLY.

REPRESENTATIVE	HOME ADDRESS	TELEPHONE
MOBILE UNIT	WAREHOUSE LOCATION	TELEPHONE

	` \	INVOICE NO.	Subje	ct to Correction	FIELD	ORDER	8827
		Date	Lease . Schi	119 ( ) Z	Well #   Ĵ. ⊘ ♡ ⊍	Legal	75-7W
SER	VICES.	Customer ID	County .		State.	Station	
C North	n. 91	rbargh	Depth	Formation		Shoe Joint	
H A		<u> </u>	Casing	Casing Depth	TD	Job Type	0.0
R		,	Curtomor Boom	rantativa	4033   Treater		mp Wed We.
Ē			Hobert 1	ewellyn	[5,10]	iente R.A	C-5167
AFE Number		PO Number	Materials Received by	X	and the second of the second o		
Product Code	QUANTITY	MATERIAL, EQUIPMENT and	I SERVICES USED	UNIT PRICE	AMOUNT	ACC CORRECTION	COUNTING AMOUNT
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1312	500 gai.	FE Acid Conve					
i - 3ti	500000	ME Acid Canje					
. 110	legal.	AHIB-15P					
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			the Arthur Carlos and the Carlos and				
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						- Pa	05
						Ur	1689 30
							100.
- \$ 6.702	GODS.	Henry Wonnie A		Meny		······································	
· (C)	GoWh.	Pierro Milerye				DГ	CEIVED
200	CPPA	Acid Prog Service	2.3,000 F			KANSAS CORP	DRATION COMMISSION
		Γ= <del>-</del>	0,57	Á.			0 9 2007
		1) iscounted	Preez		1,699.30		
		Pius taxes				COMSE	VATION DIVISION VICHITY: 14.8
		· · · · · · · · · · · · · · · · · · ·					
0244 NE U	iway 61 D O	Box 8613 · Pratt. KS 67124-	0C40 Db (C0)	2) 670 4004 - 5	(000) 070 5000		<u> </u>

### TREATMENT REPORT

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1-14	$\overline{}$					-	-41	~			

Customer ID .	Date	
Customer Ronge Bly leaveh		
Locaso Sehwartz	Lease No.	Well #
Casing Denth	County	I State

						Custor	ance [5]	ly leave i	) .			Col Col	5 ( ) i	7
	V + C: E +3		L C			Leese	Schwar	12		- 1	ase No.		Well #	OWWO
ield Order i		on O.	ia W				Casing Casing	10.5 11/14	th 10733	Cor	unty	AN ALCIA		l Tr S
ype Job	J. Pung							Formation  Mag SS 250 at 0.0				Legal Descr	iption	J W
PI	PE DATA		PE	ERFORA	TIN	G DATA		FLUID USEC	)		Т	REATMEN	T RESUM	E
asing Size	19/45	Size	Shots/	Ft J			Acid Sections	d 152 crel	F"E		RATE	PRESS	ISIP 1	0
epth (1 a 3 3)	Depth		From	3909'	То	3414	D D-3			Max	6	1500	,	i e i
lume	Volume		From		То		Pad			Min	.3	1000	10 Min.	<u> </u>
x Press	Max Pre	65	From		То		Frac			Avg	3	1250	15 Min.	
eli Connec	tion Annulus	Voi.	From		То		·			HHPU	lsed		Annulus	Pressure
ig Depth	Packer (	Depth	From		То		Flush	al arh ce		Gas V	olume		Total Los	
stomer Re	presentative	S/ 10				Station M	anager			Ţ	reater	ne 8. 1		
rvice Units		<u> </u>		109		25	, , , , ,		T			- W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- ~ x	
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												co	NSERVATION WICHITA	I DIVISION
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10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

			INVOICE NO.	Subje	ct to Correction			RDER	8955
			Date	Lease	ubele a	į, <b>w</b> ∈		Legal	1-275-7
SER	VICES.		Customer ID	County	ignan	Sta	ate A	Station	100
				Depth	Formatio	m		Shoe Joint	
C		<del> </del>		Cacina	Casing Depth	C 17	bb i	loh Tymo	
A R ———		<u></u>		Casing 4	Ousnig Dopa			ro	fred Tree
G E				Customer Repres	sentative		Treater		
AFE Number	10.3	PON		Materials Received by	X				
Product		T		<u> </u>		T			COUNTING
Code	QUANTITY	MAIL	ERIAL, EQUIPMENT and SI	ERVICES USED	UNIT PRICE	AMOUN	iT (	CORRECTION	AMOUNT
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	90	Cal	CCOL	· ·	<u> </u>				
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	440	4-117	Pre pranta	12.14	FELLEVY	Der ton	000		
1001	Ž	Ca (	Chemical	Entertoi					
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040	116	Chit:	16/30 MESIN	00 000	er Proc	8	Chare	<u> </u>	
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	<del>-</del>					Į,		CONS	ERVATION DIVISION WICHITA KS
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0244 NF Hi	wav 61 · P.O.	Box 8613	. Pratt. KS 67124-86	13 . Phone (620	\ 672-1201 . F	ax (620) 672-	5383 TOT	\$150	78 68 F

### TREATMENT REPORT

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Customer ID

Customer

Customer

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County

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Sield Order						6	DE HEW M	37. S			<del>- -</del>			L		MANUME) -		
Field Order	Stati	M 65	TIE,	Ks			Casing			33		ounty A 1849				State		
Type Job	FRAS	ME	w (	AJ E	.,4.			For	mation	37,000	R			egal Descrip	uon     - 3	75-70	L)	
PIPE DATA PERFORATII						ING DATA FL				LUID USED T					RESU	ME		
Casing Size		Size	Shots/Ft	P			Acid					RAT	re i	PRESS	ISIP	1280		
Depth 년(중	oth Denth			908	To 39	14	Pre Pad			Max	12.1		1463	5 Min.	10.11)			
Volume	Volume		From		То		Pad (6'00)	0162	( ).		Min	12.0		259	10 Min	764		
Vax Press	May Pre		From		То		Frec 10,00	¥.		ý	Avg	712.6	<i>j</i>	1130	15 Min	549		
Veli Connec			From		То						ННР			V		is Pressure		
Plug Depth	Packer	Depth	From		То		Flush	10 F		1	Gas \	/olume	$\top$	· , ,, · · · · · · · · · · · · · · · ·	Total L	oed Bolgo		
Customer Re	epresentative					on Mans		15.5				Treater	. 52.1		i Fyri			
Service Units			T	110	23		248		9.452	342-0	163			ن الرياك الأ				
Time	Casing Pressure	Tub		Bbls. P	-	Ī	Rate	.7(-)			,	Se	rvice l	.og	1 12 0			
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	1463	p		459	ì	1	2.0	F-6	LUSH	.I.v	50	url	001	A) C	ONSERV	ATION DIVISION	)N	
1.06	1280							7	SIL	)								

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Acid Services, LLC.

Ronald D. Blubaugh Schwartz #1 OWWO Kingman County, KS. Sec.21-27S-7W Profrac 25 Frac Procedure Mississippi

#### Pump Schedule

R	ate (bpm):	12		Est. Pressure (psi):	1,000	- Ch T	Cum.	Stage	Lbs per	
Stage	Volume	Prop Conc	Fluid	Proppant Type	Lbs Per	Sturry BBLS	BBLS	Time	Minute	
	(gals)	(ppg)	Туре	& Mesh	Stage	142.9	142.9	11.90		
1	6,000	-	Profrac 25	PAD		172.0	142.9		#DIV/0!	
							142.9		#DIV/0!	
				20/40 Brady	2,000	49.8	192.6	4.15	482	
2	2,000	1.00	Profrac 25	20/40 Brady	4,000	52.0	244.6	4.33	924	
3	2,000	2.00	Profrac 25		5,000	53.0	297.7	4.42	1131	
4	2,000	2.50	Profrac 25	20/40 Brady 12/20 Brady	5,000	53.0	350.7	4.42	1131	
5	2,000	2.50	Profrac 25		3,000	27.1	377.8	2.26	1330	
6	1,000	<b>3.0</b> 0	Profrac 25	12/20 Brady	3,000	27.1	404.8	2.26	1330	
7	1,000	3.00	Profrac 25	12/20 Resin Coated	0,000		404.8	;	#DIV/0!	
l							404.8	}	#DIV/0	
					•		404.8	}	#DIV/0	
ŀ							404.8	3	#DIV/0	
Flush	2,800		Hydravis 25			66.7	471.5	5.56		
	,	Cala Dumne			22,000	Lbs.Total	Proppant Pu	imped		
1		Gals. Pumpe Gals. Tank B			471.5	Bbis. Total Slurry Pumped				
İ	1,200	Gais. Total F			39.29	Minutes To	otal Time El	apsed		

**Percent Pad** 

37.50%

RECEIVED KANSAS CORPORATION COMMISSION

AUG 0 9 2007

CONSERVATION DIVISION MAIORITA MS