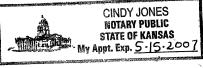
# KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32654	API No. 15 - 125-30422-00-00 ORIGINAL
Name: Jones Gas Corporation	County: Montgomery
Address: P O Box 970	
City/State/Zip: Wichita, KS 67201-0970 RECEIVED	SE_SE_SE_SE_Sec. 20 Twp. 31 S. R. 15 V East West
Purchaser: N/A	165 feet from S N (circle one) Line of Section
Operator Contact Person: George R. Jones NOV 2 5 2003	165 feet from E / W (circle one) Line of Section
	Footages Calculated from Nearest Outside Section Corner:
Phone: (316) 262-5503 KCC WICHITA  Contractor: Name; Well Refined Drilling Company, Inc.	(circle one) NE (SE) NW SW  Lease Name: Sherwin B Well #: 4
22070	Jefferson-Sycamore
License: 33072  Wellsite Geologist: Dean E. Seeber	N/A
Designate Type of Completion:	Producing Formation: N/A  Elevation: Ground: 997 Kelly Bushing:
✓ New Well —— Re-Entry —— Workover	
Oil SWD SIOW Temp. Abd.	Total Depth: 1682 Plug Back Total Depth:
Gas SIGW 1911ip. Abd.	Amount of Surface Pipe Set and Cemented at 23 Feet
Dry Other (Core, WSW, Expl., Cathodic, etc)	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth setFeet
	If Alternate II completion, cement circulated from 1663
Operator:	feet depth to Surface w/ 225 sx cmt.
Well Name:	Drilling Fluid Management Plan ## !! UK 12.1. Co
Original Comp. Date:Original Total Depth:	(Data must be collected from the Reserve Pit)
DeepeningRe-perfConv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug Back Total Depth	Dewatering method used Air Drill
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No  Other (SWD) or Enhr.?) Docket No	Operator Name:
D-287112	Lease Name: License No.:
10/29/03 11/03/03 11/03/03	
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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 67202, within 120 days of the spud date, recompletion, workover information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs a TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. months if requested in writing and submitted with the form (see rule 82-3-nd geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulate herein are complete and correct to the best of my knowledge.	e the oil and gas industry have been fully complied with and the statements
Signature:	KCC Office Use ONLY
Title: President Date: 11/24/03	Letter of Confidentiality Attached
Subscribed and sworn to before me this 24th day of November	If Denied, Yes Date:
20_03	Wireline Log Received
	Geologist Report Received
Notary Public: Centry (Yones)	UIC Distribution
Date Commission Expires: May 15, 2007	·



×

ORIGINAL

Operator Name: Jones Gas Corporation			Lease N	Name: Sherwin E	3	Well #: 4	
Sec. 20 Twp. 3	1 s. R. 15	✓ East		Montgomery		11011 11,	
temperature, fluid rec	and closed, flowing and flow rate	and base of formations of and shut-in pressures os if gas to surface test, final geological well site	s, whether shu along with fin	it-in pressure reac	hed static level, hydr	ostatic pressi	ires hottom hole
Drill Stem Tests Taker (Attach Additional S		_ Yes ✓ No		✓ Log For	mation (Top), Depth	and Datum	Sample
Samples Sent to Geol	logical Survey	☐ Yes ✓ No	and a property of the control of the	Name		Тор	Datum
Cores Taken	,	Yes ✓ No					
Electric Log Run (Submit Copy)		✓ Yes No		Kinderhook Sh	nale	1624	-628
List All E. Logs Run:			B. L. B. G. B. C.	Arbuckle		1651	-655
Radioactivity L	og	CASING	3 RECORD	New Usec			
-		Report all strings set		toward .			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weigh Lbs. / F		Type of Cement	# Sacjs Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	20#	23	Portland	5	
Production	6 3/4"	4 1/2"	10.5#	1663	50/50 Poz	225	5% Salt; 2% Gel
							2% floseal
1	T	ADDITIONA	L CEMENTING	/ SQUEEZE RECO	ORD		
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks U	sed	Type and f	Percent Additive	S
Shots Per Foot	PERFORATI	ON RECORD - Bridge Plu	ins Set/Tyne	Aold	Exacture Chat Comme		
Shore Fel Foot	Specify	Footage of Each Interval Pe	priorated	nou,	Fracture, Shot, Cemen (Amount and Kind of Mi		Depth
TUBING RECORD 2 3/8			Packer At 1626	Liner Run	☐ Yes ☐ No		
Date of First, Resumerd F 11/24/0	Production, SWD or E	nhr. Producing Met	· · · · · · · · · · · · · · · · · · ·	Flowing Pu	mping Gas Lif	t Oth	er (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water		ias-Oil Ratio	Gravity
Disposition of Gas	METHOD OF C	OMPLETION		Production I	nterval		
Vented Sold (If vented, Subn	Used on Lease	✓ Open Hole	Perf.	Dually Comp.	Commingled	West to be a second	

AP1.15-195-30422-00-00



RECEIVED

CORPORATION COMMISSION

KATHLEEN SEBELIUS, GOVERNOR BRIAN J. MOLINE, CHAIR JOHN WINE, COMMISSIONER ROBERT E. KREHBIEL, COMMISSIONER

NOV 2 5 2003 KCC WICHITA

### TEMPORARY INJECTION AUTHORIZATION

TO: JONES GAS CORPORATION

P.O. BOX 970

WICHITA, KS 67201-0970

RE: Application for Injection Authority

Docket no. D-28243

Sherwin B Lease, well #4

SE-SE-SE of 20-31-15E

Montgomery County

API. 15-125-30422-00-00

Dear Sirs:

Staff has completed the initial reviews of the above-referenced injection application. The MIT requirement has been successfully completed. Notice has been examined and found proper, and the fifteen day protest period has elapsed. Based on this information, you are hereby given temporary administrative approval to start injecting fluids into this well. Volumes are not to exceed 5000 barrels per day, nor are pressures to exceed 300 psig. into the Arbuckle formation.

If during subsequent reviews any technical or legal problems arise, you will be expected to immediately cease use of this well if so requested by this office or our district staff. Your official permit authorizing injection will follow upon completion of all necessary processing.

Sincerely,

Alan C. Snider, Supervisor

November 19, 2003 Date of Approval

cc: District Office #3

UIC File

# ORIGINAL

### Well Refined Drilling Company, Inc.

HAVE RIGHWEILL DIG!

4270 Gray Road Thayer, KS 66776

Phone: 620-763-2619 Fax: 620-763-2065

**DATE:** 11/3/2003

INVOICE # 110303-060

14,533.35

Bill To:

c/o George R. Jones Jones Gas Corporation PO Box 970 Wichita, KS 67201-0970 316-262-5503 X 12 RECEIVED

NOV 2 5 2003

KCC WICHITA

For:

Sherwin B # 4 API # 15-125-30422-0000 165' from S; 165' from E

SE,SE,SE of S20, T31S, R15E

Montgomery County, KS

DESCRIPTION				AMOUNT
1664' ft. drilled	\$	6.50		\$ 10,816.00
5 sacks of Portland cement	\$	10.00		50.00
10 hrs. rig time	\$	250.00	Т	2,500.00
(trip in 2 7/8" drill stem / 3 7/8" tricone	e - deepen to 1682'; watered out	; trip out)		
3 7/8" tricone bit	\$	950.00	Т	950.00
				٠.
		·		
	. •			
	•			
		SUBTOTA	AL	\$ 14,316.00
		TAX RA	TE [	6.30%
		SALES TA	AX [	217.35
		OTHE	ER ☐	=

Make all checks payable to Well Refined Drilling Company, Inc.

Amounts not paid in full in 30 days are charged 1 1/2% = 18% annual interest
If you have any questions concerning this invoice, contact Charlotte - 620-763-2619

Keep Duilling - We're Willing!

## ORIGINAL ...

Well Refined Dnilling Company, Inc., 4270 Gray Road - Thayer, KS 66776 Contractor License # 33072 - FEIN ########## 620-763-2619/Home; 620-432-6270/Jeff's Pocket; 620-423-0802/Truck; 620-763-2065/FAX

	T .		AND DESCRIPTION OF THE PARTY OF	THE BOOK CONTRACTOR	· LIE >				
Rig #:		<b>ANDLESS</b>			PAT WAY	S 20	Т		
API#:		-30,422-0000				Location: SE,SE			E
		s Gas Corporatio	n		<b>14</b> 3	County	:	Montgom	ery
	s: POB	ox 970			ALT DE				
Wichita, KS 67201-0970					Gas	Tests	•		
Well #:	4	Lease Name:	Sherwi	n B	Depth	Oz.	Orfice	flow - I	MCF
Location	165	ft. from (N / S)	Line		1002'	2"	3/8"	5.0	
	165	ft. from (E / W)	Line		1344'	11	1/2"	20.	
Spud Dat		10/29/2003							
Date Con		11/3/2003	TD:	1682'	·				
Geolog									
Casing	Record	Surface	Produc				1		
Hole Si		12 1/4"		6 3/4"					
Casing		8 5/8"							
Weight									
Setting		23							
Cemen	t Type	Portland	ļ		<u> </u>				
Sacks		5							
Feet of	Casing		<u> </u>						
B		1544							
Rig Tin		Work Performe			Driller:				
10 hrs.		with 2 7/8" drill ste			Helper#1			******************************	
		1682' with 3 7/8" (	incone b	<u>it</u>	Helper#2				
<u> </u>		d out at 1682'			Helper#3				
	Trip out				Helper#4				
				Well L					
	Bottom		Тор	Bottom		Тор	Bottom	Forma	tion
0		Overburden	550		shale	981		blk shale	
2		lime	653		lime	987		coal	
19		shale	718		shale	988		lime	
145		lime	738		coal	994	1075	shale	
157		shale	739		shale	1000		added wat	er
300		coal	758		sand	1075			
301		shale	798		shale	1076		shale	
355		lime	833		coal	1138	1140		
387		shale	834		shale	1140		shale	
407	460	lime	839		Pink lime	1179			
460		sand	857		shale	1180		shale	
467		shale	889		sand	1274		laminated	sand
481 486		lime	909		shale	1298		shale	
480		shale	930		Oswego lime	1306	1308		
491		coal shale	954		shale	1308		shale	
525		lime	956		blk shale	1340	1341		
JZJ	330	muc	962	901	lime	1341	1348	shale	

		Corporation			- <i>125-30</i> erwin B			
		Formation	Тор	Bottom	Formation	Top	Bottom	Formation
1348								
1356	1616							
1616		green shale						
1625	1627							
1627		shale		<u> </u>				
1651	1657							
1657	1682	Arbuckle lime						
						<u> </u>		
						<u> </u>		
						<u> </u>		
				<u> </u>				
		,				<u> </u>		
						II The state of th		

Drilled to 1664' - Tripped out. Move back over hole on Monday 11/03/03. Tripped in and deepened								
to 1682' with 3 7/8" tricone bit and 2 7/8" drill stem. Watered out at 1682'. Tripped out.								
Reference # 110303-060 - Sherwin B 4 - Jones Gas Corporation								
Keep Dnilling - We're Willing!								

### **DEAN E. SEEBER**

ORIGINAL

RECEIVED

PETROLEUM GEOLOGIST

NOV 2 5 2003

101 South Star

KCC WICHITA

EL DORADO, KANSAS 67042

November 8, 2003

Jones Gas Corp. P. O. Box 970 Wichita, KS 67201-0970

Re:

#4 Sherwin B

165fS/165fE Sec 20-T31S-R15E Montgomery County, KS API 15-125-30422-00-00

Dear Sirs:

The following tops were picked on the above well which had a ground elevation of 996'.

Kinderhook Shale 1624 (-628) Arbuckle 1651 (-655) RTD 1664 (-668)

Lithology

<u>Kinderhook</u> 1624 – 1627

Shale, green, platy

1627 - 1651

Shale, grey-brown, sour petroleum odor in part

<u>Arbuckle</u> 1651 – 1661

Limestone, cream-tan, dense to slightly dolomitic – no visible porosity, some chert, grey, grainy

1661 - 1663

Dolomite, tan, fine to medium crystalline, fair intercrystaline porosity, abundant chert, grey with dark brown oolite inclusions

API#15-125-30422-00-00 ORIGINAL
1663-1664

Dolomite, brown, medium crystalline, fair intercrystalline porosity, oolitic chert as above

Drilling was halted at this point to run and cement casing. Well is to be drilled deeper in Arbuckle for use as a salt water disposal.

Yours sincerely,

Dean E. Seeber Petroleum Geologist





### RECEIVED

Fax 316+262-1996

# ORIGINAL

NOV 2 5 2073

TICKET NUMBER

211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

KCC WICHITA

LOCATION Changte

FIELD	IICREI
B-4	APL#15-125-30422-00-00
10/3/63 4004 Showin SE/SE/SE	SECTION TWP RISE COUNTY FORMATION 20 3/5 15E Mont Arbestle
CHARGE TO JONES GAS COMP	OWNER /
MAILING ADDRESS PO BOX 970	OPERATOR
CITY & STATE Wichita KS 67201	CONTRACTOR
	en <sub>q</sub>

		,	*		and the second
ACCOUNT CODE	QUÂNTITY or UNITS	DESCRIPTION	F SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1 Well	PUMP CHARGE	ement Rump	525.00	525.00
1111	472 Lbs	Sa 14 8	4	,25	118.00
1110	22,5 SK	Gilson	6/e	19.40	436.50
1107	2 5K	Cello Flake		31.15	75.50
1118	7 5x	Prem. Gel	Ca.:	11.80	82.6
-			head of Job		
4404	1	4/2 Ruhl	or Plug	27.00	27.00
2, 74.4					
aanga arad makan daagkan sana kanka na mikini indikalipankan akaiki na aanamid na na kan na nooneen na na na n Y	/	15			11.30 42
	yes manager .	7. 3. 4.5			
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4 + 2 24 24	,	. 5	*		X
	****				, ,
11.2.3	3180 B1115	City water		11.25	85.05
	(7560 Gal)				
	The second secon				A. C.
	,	BLENDING & HANDLING			
5407	40 mi	TON-MILES	livery Min	190.00	190.00
		STAND BY TIME	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		<u> </u>
rannepe communicaci y mine a communicación messa septida mensión media de cale y amengida equato, que histo e requestado I	terme, as enclaines also represent de commune en en commune anno commune commune constitute do en es case en en escalares en commune en	MILEÁGE	Edition of the state of the sta		
5501	3.5 hr	WATER TRANSPORTS	Between any and the accomposition to common and an article between the strange and an account on passes and another processing account	80 00	280.00
5502	2.15	VACUUM TRUCKS	akteriningan panturum menturum peringan berangan pengangan pengangan berangan pengangan pengangan pengangan pe K	15.00	150.00
	and the second s	FRAC SAND	dan mengangan kenang menangkan dan mengan menangkan kenangkan dan menangkan mengadi mengan kenangkan menangkan S	1	
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1124	225 SK	CEMENT 50/50	Poz 5# Gilsonive	6.45	1451,25
1/2			# Flosen / 2% 60/	SALES TAX	
		3,0	1/03/4/ 210 56/	5.3%	120.62
and the state of t	removemente come contra de contra come come come come come come come come		10% Discontil	The state of the s	
Pavin 2790		1 (.50)	A All	ESTIMATED TOTAL	3541.52
			27,3763		<u> </u>

T <sub>E</sub>		-		and the second	4
CUSTOMER or AGENTS SIGNATURE.	CIS FC	DREMAN	Iwayne		
* ***				36.4	*
· http://doi.org/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.10	i gra		*	and the second section of	and the second
	<b>9</b> , 40			1 A. 9	,
CUSTOMER or AGENT (PLEASE PRINT)			DATE		

### CONSOLIDATED OIL WELL SERVICES; INC. 211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

TICKET NUMBER 30362
LOCATION C Aurore
FOREMAN Quanta

and the second s	TREATMENT F	REPORT	<i>T</i>	IGINAL .	_
DATE CUSTOMER # WELL NAME FOR SECTION TOWNSHIP RANGE C	RMATION OUNTY	TRUCK# 25'5 271 107 11/0	DRIVER  NORA  Wes  Till	30422-00-00 TRUCK# DRIVER	
TIME ARRIVED ON LOCATION  WELL DATA  HOLE SIZE (2) PAGKER DEPTH		[ ] SURFACE F F T PHODUCTION [ ] SQUEEZE OF THE PLUG & AB,	ON CASING	EATMENT  [ ] ACID BREAKDOWN  [ ] ACID STIMULATION  [ ] ACID SPOTTING  [ ] FRAC	
TOTAL BERTH / PERFORATIONS SHOTS/FT CASING SIZE / OPEN HOLE CASING DEPTH / GAS CASING WEIGHT TUBING SIZE CASING CONDITION TUBING DEPTH		PLUG BACK     MISP PUMI  -     OTHER		( '   FRAC + NITROGEN ' '	D
TUBING WEIGHT TUBING CONDITION THEATMENT VIA (PAISA) INSTRUCTION PRIOR TO JOB //b/c ONVO WE	Mars Scot		i Runzs		
Sy 25054 Centry to Styles Vig to 1650 and Set That AUTHORIZATION TO PROCEED! AUCTON 1449	TITLE	SAND / STAGE		DATE	<u> </u>
TIME STAGE BBLS IN PUMPED	URATE PROPPANT PPG	SAND STAGE		BREAKDOWN PRESSURE DISPLACEMENT MIX PRESSURE MIN PRESSURE ISIP 15 MIN MAX RATE	
The state of the s		- 1/1		MIN BATE	