

(SIDETONE)

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 9856  
name D.R. WELL OPERATORS, INC.  
address 7585 W. ARKANSAS STE. B  
LAKELWOOD, CO. 80226  
City/State/Zip

Operator Contact Person PATRICK N. SWENSON  
Phone 303-988-1780

Contractor: license # ABND 5302  
name RED TIGER DRILLING CO.

Wellsite Geologist DANIEL R. SOMMER  
Phone 303-973-4852  
PURCHASER INLAND CRUDE PURCHASING CORP.

Designate Type of Completion  
 New Well     Re-Entry     Workover  
 Oil     SWD     Temp Abd  
 Gas     Inj     Delayed Comp.  
 Dry     Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date    Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary     Air Rotary     Cable  
5-3-85    5-~~15~~-85    5-25-85  
Spud Date    Date Reached TD    Completion Date

4110'    4032'  
Total Depth    PBSD

Amount of Surface Pipe Set and Cemented at 222 feet

Multiple Stage Cementing Collar Used?  Yes     No  
If Yes, Show Depth Set 1832-36 feet

If alternate 2 completion, cement circulated from 1836 feet depth to SURFACE w/ 37.5 SX cmt by: B-S TITAN SERVICES ON 9-5-85  
INVOICE # 282847

API NO. 15- 195-21,705-00-00

County TREGO

N/2 N/2 NW Sec 10 Twp 12S Rge 22 East  
West

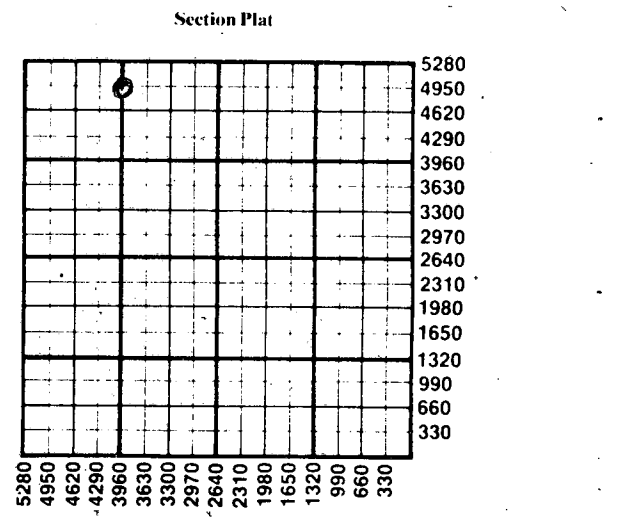
4950 Ft North from Southeast Corner of Section  
3960 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name GRECIAN Well# 2-10

Field Name Shaw Creek, South

Producing Formation MARMATON

Elevation: Ground 2376' KB 2381'



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # 17375

Groundwater ..... Ft North From Southeast Corner and (Well) ..... Ft. West From Southeast Corner of Sec Twp Rge  East  West  
 Surface Water ..... Ft North From Southeast Corner and (Stream, Pond etc.) ..... Ft West From Southeast Corner Sec Twp Rge  East  West  
 Other (explain) PIKED UP WATER FROM CREEK (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

**INSTRUCTIONS:** This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.

Information on 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.

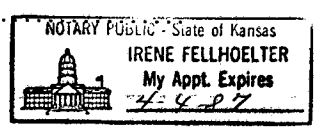
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 Daniel R. Sommer  
Title V.P. PRESIDENT Date 11-15-85

Subscribed and sworn to before me this 18<sup>th</sup> day of Nov 1985

Notary Public Irene Fellhoelter  
Date Commission Expires



K.C.C. OFFICE USE ONLY.  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC     SWD/Rep     NGPA  
 KGS     Plug     Other (Specify)

RECEIVED  
STATE CORPORATION COMMISSION

NOV 19 1985  
11-19-1985  
CONSERVATION DIVISION  
Wichita, Kansas

Form ACO-1 (7-84)

Sec. 10 Twp. 12S Rge. 22W

Operator Name D.R. WELL OPERATORS Lease Name GRECIAN Well# 2-10 SEC 10 TWP. 12S RGE. 22

East  
 West

WELL LOG

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

GL 2376  
KB 2381

Formation Description  
 Log  Sample

Name	Top	Bottom
ANHYDRITE	1810 (+568)	
B/ANHYDRITE	1859 (+519)	
TOPEKA	3408 (-1028)	
<del>HEEBNER</del>	<del>3626 (-1246)</del>	
TORONTO	3645 (-1265)	
LANSING	3660 (-1280)	
B/KANSAS CITY	3907 (-1526)	
MARMATON	3986 (-1605)	
ARBuckle	4082 (-1701)	

DST #1 3623-76 (L/KC) 30"-45" 30"-45"

IFP 42/42# ISIP 1183#

FFP 53/63# FSIP 1141#

HYD 1939-1918#

REL. 65' MUD w/550 1% oil BHT 98°F

DST #2 3719-50' (L/KC) 30"-45" 30"-45"

IFP 42-75# ISIP 768#

FFP 95-138# FSIP 768# HYD 1972-1950#

REL. 270' SL MDY WTR BHT 104°F

DST #3 3739-77' (L/KC) 30"-45" 30"-45"

IFP 63-138# ISIP 778#

FFP 170-255# FSIP 778# HYD. 2046-1972#

REL. 525' MDY WTR w/550 BHT ?

DST #4 3992'-4028' (MARMATON) 45"-60" 30"-30"

IFP 63-74# ISIP 234#

FFP 74-74# FSIP 117# HYD 2412# 2386#

REL. 5' MDY WTR

10% OIL  
40% WTR  
50% MUD

BHT 110°F

CASING RECORD  new  used

Report all strings set - conductor, surface, intermediate, production, etc.

Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
PRODUCTION	7 7/8	4 1/2	10.5	4107'	SUREFILL	100	
SURFACE	12 1/4	8 5/8	20	218.23'	COMMON	150	3% CC, 2% GEL

PERFORATION RECORD

shots per foot specify footage of each interval perforated

Acid, Fracture, Shot, Cement Squeeze Record

(amount and kind of material used)

Depth

2 ssb	3998-4014'	37 bbl. 7 1/2% ACID FRAC. w/ 45,000 lb. sd (37,500#) 16-30. + 7,500# 10-20 IN X-LINK 2% ACID GEL @ 15 BPM	3998-4014'
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TUBING RECORD

size 2 3/8 set at 4039.33' packer at MA

Liner Run  Yes  No

Date of First Production

Producing method

flowing  pumping  gas lift  Other (explain)

6-5-85

Estimated Production Per 24 Hours

15 Bbls

Gas

TR MCF

Water

TR Bbls

Gas-Oil Ratio

CFPB

Gravity

32° API

Disposition of gas:  vented  
 sold  
 used on lease

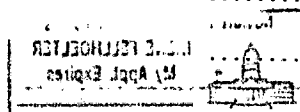
METHOD OF COMPLETION

open hole  perforation  
 other (specify)

PRODUCTION INTERVAL

3998-4014'

Dually Completed.  
 Commingled



STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 9856  
Name D R Well Operators, Inc.  
Address 7585 West Arkansas-Suite "B"  
City/State/Zip Lakewood, Colorado 80126

Purchaser... Inland Crude Purchasing Corp...  
200 Douglas Bldg. Wichita, KS 67202

Operator Contact Person Pat Swenson  
Phone (303) 988-1780

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist Daniel R. Sommer  
Phone (303) 973-4852

Designate Type of Completion

- New Well  Re-Entry  Workover
- Oil  SWD  Temp Abd
- Gas  Inj  Delayed Comp
- Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

- Mud Rotary  Air Rotary  Cable

5/3/85 5/11/85 6/7/85  
Spud Date Date Reached TD Completion Date  
4,110' 4108'  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 210.88 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1832-36 feet  
If alternate 2 completion, cement circulated from... feet depth to... w/... SX cmt

API NO. 15-195-21,705-00-00

County Trego

N/2 NW/4 NW/4 10 12S 22W  East  
Sec. Twp. Rge.  West

4950' Ft North from Southeast Corner of Section  
4620' Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

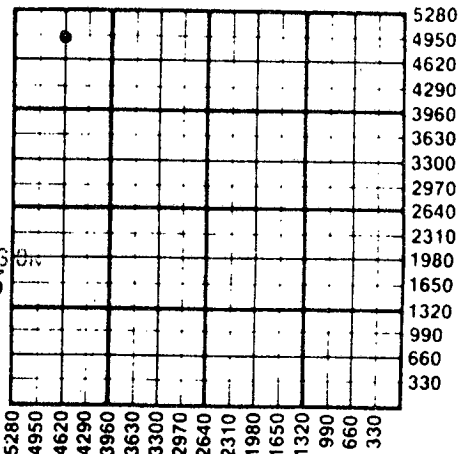
Lease Name Grecian Well # 2-10

Field Name Shaw Creek South

Producing Formation Marmaton

Elevation: Ground 2,376' KB 2,381'

Section Plat



RECEIVED  
STATE CORPORATION COMMISSION  
06-13-1985  
JUN 13 1985  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit # 17375

Groundwater... Ft North from Southeast Corner  
(Well) ... Ft West from Southeast Corner of  
NE/4 Sec 9 Twp 12S Rge 22  East  West  
Mr. Jim Babb, Wakeeney, KS. 67672

Surface Water... Ft North from Southeast Corner  
(Stream, pond etc)... Ft West from Southeast Corner  
Sec Twp Rge  East  West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on 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 drillers time log shall be attached with this form. 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 Daniel R. Sommer

Title Vice President Date 6/11/85

Subscribed and sworn to before me this 11th day of June 1985

Notary Public Joanne Lamb

Date Commission Expires 3-5-88

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Sec 10 Twp 12 Rge 22W

SIDE TWO

Operator Name D R Well Operators, Inc. Lease Name Grecian Well # 2-10

Sec. 10 Twp. 12S Rge. 22W  East  West County Trego

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

See attachments

Formation Description  
 Log  Sample

Name	Top	Bottom
Anhydrite	1810	(+570)
Base/Anhydrite	1859	(+521)
Topeka	3408	(-1028)
Heebner	3626	(-1246)
Toronto	3645	(-1265)
Lansing	3660	(-1280)
Base Kansas City	3907	(-1527)
Marmaton	3986	(-1606)
Arbuckle	4081	(-1701)
RTD	4110	(-1730)
LTD	4108	(-1728)

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface Production	2 1/4" 7 7/8"	8 5/8" 4 1/2"	20# 10.5#	218.23' 4,107'	Class A Surefill	150 100	2% Gel. 3% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
2 SSB/ft.	3998-4014'			Frac. w/45,000 lb. sd. and .987 bbl acid water (3% HCl)		3998-4014'	
TUBING RECORD		Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 7/8"	4020'	4035'			
Date of First Production		Producing Method					
6/6/85		<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)					
Estimated Production		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
Per 24 Hours		36 Bbls	None MCF	Trace Bbls	N/A - CFPB	.32	

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) 3998-4014'  
 Used on Lease  Dually Completed  Commingled

D.S.T. Report

15-195-21705-00-00

Test Date: 5/8/85

Well Name: Grecian 2-10

Test no: 1 Formation: Toronto, Lansing Top

Interval: 3623-3676

Times: IO: 30 ", ISI: 45 ", F.O.: 30 ", FSI 45 "

Pressures:

IHP 1939 psi

IFP 42 psi to 42 psi

ISIP 1183 psi

FFP 53 psi to 63 psi

FSIP 1141 psi

FHP 1918 psi

Pipe Recovery: 65' mud with few spots of oil

Sampler Recovery: N/A

Samples sent to: \_\_\_\_\_ Phone no: \_\_\_\_\_

Tested by: Superior Out of: Hays Phone no: \_\_\_\_\_

Notes: Packers held

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 JUN 13 1985  
 CONSERVATION DIVISION  
 Wichita, Kansas

15-195-21705-00-00

D.S.T. Report

Test Date: 5/8/85

Well Name: Grecian 2-10

Test no: 2 Formation: Lansing/Kansas City

Interval: 3719-3750

Times: IO: 30 ", ISI: 45 ", F.O.: 30 ", FSI 45 ",

Pressures:

IHP	<u>1972</u>	psi
IFP	<u>42</u>	psi to <u>75</u> psi
ISIP	<u>768</u>	psi
FFP	<u>95</u>	psi to <u>138</u> psi
FSIP	<u>768</u>	psi
FHP	<u>1950</u>	psi

Pipe Recovery: 260' slightly muddy water  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sampler Recovery: N/A

Samples sent to: \_\_\_\_\_ Phone no: \_\_\_\_\_

Tested by: Superior Out of: Hays Phone no: \_\_\_\_\_

Notes: Packers held  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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JUN 13 1985

CONSERVATION DIVISION  
Wichita, Kansas

15-195-21705-00-00

D.S.T. Report

Test Date: 5/9/85

Well Name: Grecian 2-10

Test no: 3 Formation: Lansing/Kansas City

Interval: 3739-3777

Times: IO: 30 ", ISI: 45 ", F.O.: 30 ", FSI 45 "

Pressures:

IHP	<u>2046</u>	psi
IFP	<u>63</u>	psi to <u>138</u> psi
ISIP	<u>778</u>	psi
FFP	<u>170</u>	psi to <u>255</u> psi
FSIP	<u>778</u>	psi
FHP	<u>1972</u>	psi

Pipe Recovery: 525' water and mud with oil spots

Sampler Recovery: N/A

Samples sent to: \_\_\_\_\_ Phone no: \_\_\_\_\_

Tested by: Superior Out of: Hays Phone no: \_\_\_\_\_

Notes: Packers held

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STATE CORPORATION COMMISSION

JUN 13 1985

CONSERVATION DIVISION  
Wichita, Kansas

15-195-21705-00-00

D.S.T. Report

Test Date: 5/10/85

Well Name: Grecian 2-10

Test no: 4 Formation: Marmaton

Interval: 3992-4028

Times: IO: 45 ", ISI: 60 ", F.O.: 30 ", FSI 30 "

Pressures: IHP 2892 psi  
IFP 63 psi to 74 psi  
ISIP 234 psi  
FFP 74 psi to 74 psi  
FSIP 117 psi  
FHP 2784 psi

Pipe Recovery: 5' oil cut muddy water, 10 percent oil, 40 per cent water,  
50 per cent mud

Sampler Recovery: N/A

Samples sent to: \_\_\_\_\_ Phone no: \_\_\_\_\_

Tested by: Superior Out of: Hays Phone no: \_\_\_\_\_

Notes: Initial blow was weak and died in 9 minutes. Flush tool, no help.  
No blow on second opening.

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STATE CORPORATION COMMISSION

JUN 13 1985

CONSERVATION DIVISION  
Wichita, Kansas



BJ-TITAN SERVICES COMPANY

CUSTOMER COPY

DATE OF JOB		
MM	DD	YY

CONTRACT NO. **282847**

15-195-21705-00-00

DIRECT CORRESPONDENCE TO:	TERMS:	REMIT TO:
P.O. BOX 4442 HOUSTON, TX 77210	NET 30 DAYS FROM DATE OF CONTRACT	P.O. BOX 200416 HOUSTON, TX 77216

ORDER NO.

**CUSTOMER**

NAME: *Dr. Wells Oil Refining* NO. \_\_\_\_\_

ADDRESS: *7895 White B*

CITY: *Houston* STATE: *Tx* ZIP CODE: \_\_\_\_\_

AUTHORIZED BY: \_\_\_\_\_

**DESCRIPTION OF WELL**

WELL NO.	OIL		NEW		STATE	CODES
	GAS	OLD	X			
<i>21705</i>						
LEASE NAME: <i>Wells</i>					COUNTY/PARISH: <i>Texas</i>	
FIELD NAME: _____					CITY: _____	
OWNER: _____					MTA DISTRICT: _____	
LEASE LINES: _____						
SURVEY LINES: <i>Wells</i>						
SURVEY: _____						
DIRECTIONS TO LOCATION: _____						
SECTION, TOWNSHIP, RANGE: <i>10 12S 22W</i>						
QUADRANT: _____						

**JOB INFORMATION**

ARRIVED				RELEASED			
HH	MM	DD	YY	HH	MM	DD	YY
<i>08:00</i>	<i>00</i>	<i>05</i>	<i>90</i>	<i>12:15</i>	<i>00</i>	<i>05</i>	<i>90</i>
JOB CODE: <i>0124</i>	TYPE OF JOB: <i>Perforation</i>	API OR IC NO.:					
Avg. PSI: <i>400</i>	BUSINESS CODE:	INJ. RATE (BPM):	WORKING WELL DEPTH (FT.): <i>1000</i>				

DIST. NO.	DISTRICT NAME	SLSMAN NO.
<i>21705</i>	<i>1145</i>	

CONTRACT CONDITIONS

This contract must be signed before the job is started or merchandise delivered. The undersigned is authorized to execute this contract as an Agent of the Customer. As such, the undersigned acknowledges that this contract for services, materials, products and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional substitute terms and/or conditions shall become a part of this contract without the written consent of an Officer of BJ-TITAN SERVICES COMPANY.

SIGNED: *[Signature]*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

PRICE BOOK REF. NO.	SERVICES/MATERIAL	U/M	QUANTITY	PRICE	EXTENSION
01 10102103	<i>Price at job</i>	<i>ea</i>	<i>1</i>	<i>1000</i>	<i>1000</i>
02 10109005	<i>Pump truck &amp; log</i>	<i>hr</i>	<i>31</i>	<i>1.50</i>	<i>46.50</i>
03 10410524	<i>Common cement</i>	<i>SK</i>	<i>180</i>	<i>5.00</i>	<i>900.00</i>
04 10410528	<i>POS</i>	<i>SK</i>	<i>180</i>	<i>2.00</i>	<i>360.00</i>
05 10410528	<i>32</i>	<i>SK</i>	<i>31.50</i>	<i>6.25</i>	<i>197.25</i>
06 10410528	<i>Handling &amp; Dumping</i>	<i>SK</i>	<i>325</i>	<i>1.10</i>	<i>357.50</i>
07 10410528	<i>17.3</i>	<i>SK</i>	<i>173</i>	<i>1.65</i>	<i>285.45</i>
08					
09			<i>70741</i>		<i>3090.00</i>
10	<i>(15 sk weight)</i>				
11	<i>(5950 10% wt)</i>				
12					
13					
14					
15					
16					

MAR 08 1990

CONSERVATION DIVISION  
Wichita, Kansas

SERVICE REPRESENTATIVE: <i>[Signature]</i>	PR. BOOK: <i>07</i>	The above material and service ordered by the Customer and received by: <i>[Signature]</i> (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)
--	---------------------	---

CHECK IF CONTINUATION USED

THIS IS NOT AN INVOICE. THIS CONTRACT IS SUBJECT TO REVIEW AND CORRECTION BY OUR ACCOUNTING DEPT.

