

Briceland, Tom

Subject:

Page 1 - Wichita 93-2711

* 15-173-20879-00-00 *

Wichita 93-2711 (Rectifier 672)
API #15-173-20879 (same as API #15-173-19004)
Central & Tara, Wichita, Sedgwick Co.

The deep-well for rectifier unit 672 (original API #20879 and lease name: Wichita 93-2711) was plugged and the site at Central & Tara was entirely abandoned in October of 1999. See attachment for CP-1 and CP-4 information.

I can't fully explain why a different API #15-173-19004 was assigned to this well that was scheduled to be plugged and abandoned, other than the confusion revolving around this site which eventually was re-located to Orme & Mansfield (which became Rectifier #902 and API #15-173-20908). Also noted, the CP-1 and CP-4 forms on record from 1999, are documented for Rectifier 572, not Rectifier 672 (Rectifier 672 - Central & Tara). KGS, Wichita, has never had a Rectifier Unit #572, according to our records. Supporting documentation indicates this API #15-173-19004 was for Rectifier 672, located at Central & Tara.

Please see KGS work order 51.56.81.6156.00700 for additional plugging information on the deep-well for rectifier unit 672, at Central & Tara.

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 6035
Name: Western Resources
Address 1021 E. 26th Street North
City/State/Zip Wichita, Kansas 67219
Purchaser: Western Resources
Operator Contact Person: Bob Nicholas
Phone (316) 832-3172
Contractor: Name: Schmoltdt Engineering
License: RICK YOUNG DRILLING 21308
Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIGW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl. Cathodic, etc)

If Workover:

Operator: Western Resources

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

03/23/94 03/29/94 03/31/94
Spud Date Date Reached TD Completion Date

ORIGINAL

API NO. 15- 173-208790000
County Sedgwick
Rge. 2 E W

100 feet from SW (circle one) Line of Section
670 feet from SW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Wichita Well # 93-2711

Field Name _____

Producing Formation _____

Elevation: Ground _____ KB _____

Total Depth 300 Ft. PBTD _____

Amount of Surface Pipe Set and Cemented at 130 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 3 4-13-98 JK
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

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 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 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 Ronald M. Fields Ronald M. Fields

Title Vice President Operations Date 04/03/98

Subscribed and sworn to before me this 3rd day of April 19 98

Notary Public Dolores Bell Dolores Bell

Date Commission Expires August 31, 1998

K.C.C. OFFICE USE ONLY

Letter of Confidentiality Attached
 Wireline Log Received
 Geologist Report Received

Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other
(Specify)

Operator Name Western Resources
 Sec. 20 Twp. 27 Rge. 2
 East
 West

Lease Name Wichita Well # 93-271Y
 County Sedgwick

ORIGINAL

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 (Attach Additional Sheets.) Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run (Submit Copy.) Yes No
 List All E.Logs Run:

Log Formation (Top), Depth and Datum Sample
 Name Top Datum

CASING RECORD <input 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	16	10.750	8.48	130'	Class A	118	

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No

Date of First, Resumed Production, SID or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-1B.)
 METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify)
 Production Interval



15-173-20879-00-00

SCHMIDT ENGINEERING SERVICES, INC.

ORIGINAL

DEEP GROUNDWATER DRILLING AND RESISTANCE LOG

WESTERN RESOURCES CONTRACT #097848 (K&E GAS OPERATIONS)
Tara and Central #93-2711, KCC API #15-173-208790000

RECEIVED
KANSAS CORP COMM
4-8-98
1998 APR -8 1:06

Completion Date: March 29, 1994

Sec: NE-NW-NW 20
Township: 27S
Range: 2E
100 Feet From North Line Of Section
670 Feet From West Line Of Section

Location:
City: Wichita
County: Sedgwick
State: Kansas

Hole Diameter: 9-Inch
Hole Depth: 300 Feet
Surface Casing: 130 Feet Of 10" SDR 26
10-Inch in 16 Inch Hole W/Class A, 118 Sacks
Logging Voltage: 14.60 Volts

Depth (feet)	Driller's Log	Amps	Top of Anode	Depth (feet)	Driller's Log	Amps	Top of Anode
0	10-12 Feet Topsoil			190	#11 - Anode @ 190-Ft.	4.1	11
5		2.1		195		4.1	
10	112-30 Feet Sandy Loam	2.1		200	#10 - Anode @ 200-Ft.	3.9	10
15		2.4		205		3.9	
20		2.3		210	#9 - Anode @ 210-Ft.	3.8	9
25		3.1		215		3.9	
30	130-70 Feet Blue Clay	2.7		220	#8 - Anode @ 220-Ft.	3.8	8
35		3.0		225		3.9	
40		2.4		230	#7 - Anode @ 230-Ft.	4.5	7
45		2.6		235		4.8	
50		3.2		240	#6 - Anode @ 240-Ft.	4.7	6
55		3.4		245		5.0	
60		3.4		250	#5 - Anode @ 250-Ft.	5.1	5
65		3.1		255		5.4	
70	170-300 Feet Blue Clay With	2.4		260	#4 - Anode @ 260-Ft.	5.1	4
75	15 streaks of Shale and Rock	2.8		265		4.7	
80		3.6		270	#3 - Anode @ 270-Ft.	4.7	3
85		3.1		275		4.6	
90		3.3		280	#2 - Anode @ 280-Ft.	5.3	2
95		2.6		285		5.1	
100		2.4		290	#1 - Anode @ 290-Ft.	4.1	1
105		1.8		295		5.2	
110		1.6		300	Total Depth	4.9	
115		2.8					
120		3.6			Backfill Loresco SC-2		
125		4.0					
130	130 Feet Bottom of Casing	5.1					
135	130-140 Feet Rock	2.8					
140		2.4					
145		3.4					
150	#15 - Anode @ 150-Ft.	3.7	15				
155		3.2					
160	#14 - Anode @ 160-Ft.	1.7	14				
165		2.8					
170	#13 - Anode @ 170-Ft.	3.0	13				
175		3.7					
180	#12 - Anode @ 180-Ft.	3.7	12				
185		3.2					

FIELD TICKET NO.

498

UNITED CEMENTING & ACID CO., INC.

REMIT TO

BOX 712

EL DORADO, KANSAS 67042

INVOICE NO.

285-A

(318) 321-4680

DATE

3-29-94

15-173-20879-00-00

SCHEMOLDT ENGINEERING
526 South Seminole
Bartlesville OK 74003

FULLY INSURED

Location #2

Wichita, KS P.O.#

DATE OF JOB	COUNTY	STATE	LEASE	WELL NO.
3-27-94	SG	KS	Central & Tara Streets	
SIZE CASING	DEPTH OF WELL	DEPTH OF JOB	PLUG DEPTH	PRESSURE
8"				
Cementing 8" plastic pipe in 13" hole.				
118 sax	Class A Cement	(1) Cementing pump unit		350.00
	Bulk charge	@ 5.10 per sax		601.80*
	Drayage	@ .82 x 118 sax		96.76*
		@ 6-T x .60 x 32 mi.		115.20*
SALES TAX				\$ 48.01
TOTAL				\$ 1,211.77

TERMS: NET 30 DAYS FROM INVOICE DATE
PLEASE PAY FROM THIS INVOICE

KPL JOB

SERVICE TICKET

15-173-20879-00-03

UNITED CEMENTING & ACID CO., INC.

№ 4989

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4880

DATE 3-29-94 COUNTY REDFIELD
 CHG TO Schmidt Engineer ADDRESS 1507
 CITY June STATE KS ZIP 67001
 LEASE & WELL NO Central X Area St SEC. 1 TWP. 1 RING. 1

CONTRACTOR _____ TIME ON LOCATION _____
 KIND OF JOB Cementing 8" plastic pipe in 13" hole

SERVICE CHARGE: Pump Truck 350.00

QUANTITY	MATERIAL USED	PRICE	TOTAL
<u>118</u>	<u>Saf 95 Class 17 Cement @ 5.10</u>	<u>6.0180</u>	<u>601.80</u>
<u>118</u>	<u>BULK CHARGE (Saf) @ .82</u>	<u>96.76</u>	<u>96.76</u>
<u>32</u>	<u>BULK TRK. MILES (6 tons x .60 x 32 miles)</u>	<u>115.20</u>	<u>115.20</u>
	<u>PUMP TRK. MILES</u>		
	<u>PLUGS</u> <u>None</u>		
	<u>SALES TAX</u>	<u>48.01</u>	<u>48.01</u>
	<u>TOTAL</u>		<u>1,211.77</u>

T. D. _____ CSG. SET AT _____ VOLUME _____
 SIZE HOLE _____ TBG SET AT _____ VOLUME _____
 MAX. PRESS. _____ SIZE PIPE _____
 PLUG DEPTH _____ PKR DEPTH _____
 PLUG USED _____ TIME FINISHED _____
 REMARKS: _____

Ben 1" pipe ran out side of 8" pipe and Circulated Cement to surface

EQUIPMENT USED

NAME <u>Scot H</u>	UNIT NO. _____	NAME <u>Chet</u>	UNIT NO. _____
CEMENTER OR TREATER <u>Clued Thomas</u>		OWNER'S REP. _____	



Specific Well--15-173-19004
(CENTRAL & TARA)
All Well Data

<p>API: 15-173-19004 KID: 1025721136 Lease: Rectifier Station Well 572 * <i>SHOULD BE 672, NOT 572</i> Original operator: Ks. Gas Serv. Co. a Div of ONEOK Inc. Current operator: Kansas Gas Service Field: Location: T27S R2E, Sec. 20 NW NW NW 85 South, 385 East, from NW corner Longitude: -97.2429462 Latitude: 37.6935858 Lat-long calculated from footages County: Sedgwick</p>	<p>Permit Date: Spud Date: Completion Date: Plugging Date: Oct-20-1999 Well Type: OTHER-P&A (CATH) Status: Plugged and Abandoned</p> <p>Total Depth: 300 Elevation: 1340 TOPO Producing Formation: IP Oil (bbl): IP Water (bbl): IP GAS (MCF): KCC Docket No.:</p>
<p>View well on interactive map</p>	

ACO-1 and Driller's Logs

<p>Documents from the KCC</p> <ul style="list-style-type: none"> • KCC Technician's Plugging Report (received by KGS May 29, 2008)
<p>For information on software to view and use the files we distribute on our web pages, please view our File Format Tools page.</p>

Additional Information

[From Kansas Geological Society's Walters Digital Library](#)

Please note: The above link takes you away from the web site of the Kansas Geological Survey to the website of the Kansas Geological Society, a library in Wichita. The Survey can not help with information presented by the Walters Digital Library.

Kansas Geological Survey, Oil and Gas Well Database
 Comments to webadmin@kgs.ku.edu
 URL=<http://www.kgs.ku.edu/Magellan/Qualified/index.html>
 Well Display Program Updated Jan. 2008. Data added continuously.

2 - 060229

STATE CORPORATION COMMISSION
CONSERVATION DIVISION - Plugging Section
130 S. Market, Room 2078
Wichita, Kansas 67202

API NUMBER: 15-173-19004-0000

NW, NW, NW, SECTION 20 TOWNSHIP 27 RANGE 2E

OPERATOR LICENSE # 6035
OPERATOR Kansas Gas Service
NAME & P.O. Box 208
ADDRESS Wichita, Ks 67201

85 FEET FROM N SECTION LINE
385 FEET FROM W SECTION LINE

35.00
(SHOULD BE
672
NOT 572)

10/20

LEASE NAME: Rectifier Station 572
COUNTY: Sedgewick
WELL TOTAL DEPTH: 300
PIPE: _____
SURFACE CASING: _____

Cathodic Protection X

ABANDONED OIL WELL _____ GAS WELL _____ INPUT WELL _____ SMD _____ O&A _____

OTHER WELL AS HEREINAFTER INDICATED: _____

PLUGGING CONTRACTOR: McLeans CP Installation Inc

ADDRESS: _____ LICENSE: 9322

COMPANY TO PLUG AT: HOUR: _____ DAY: _____ MONTH: _____ YEAR: 1995

PLUGGING PROPOSAL RECEIVED FROM: _____

COMPANY NAME: _____ PHONE: _____

WERE: _____

PLUGGING PROPOSAL RECEIVED BY: _____

PLUGGING OPERATIONS ATTENDED BY AGENT? ALL () PART () NONE (X)

COMPLETED: HOUR: _____ DAY: 20 MONTH: 10 YEAR: 1999

ACTUAL PLUGGING REPORT: Well had 6' of hole plug on bottom andbes wires were out off surface. Yards 1.75 of redi-mix was pumped in well to surface.

REMARKS: Lies redi-mix # 33925

INVOICED

RECEIVED
ST. CORPORATION COMMISSION
DATE 3/1/00
MAR 01 2000
INV. NO. 061338

I DID NOT OBSERVE THIS PLUGGING.

Dave Wertz
Dave Wertz

FORM CP-2/3
REV. 3/90

Conservation Division
Wichita, Kansas

(R)



Kansas Corporation Commission

Bill Graves, Governor John Wine, Chair Cynthia L. Claus, Commissioner Brian J. Moline, Commissioner

NOTICE OF RECEIPT OF WELL PLUGGING APPLICATION (CP-1)

Ks. Gas Serv. Co. a Div of ONEOK Inc.
7421 W. 129th Street
Overland Park, KS 66225-5957

September 13, 1999

Rectifier Station #672
API 15-173-19004-00-00
85 N 385 W
NW NW NW 20-27S-2E
SEDGWICK COUNTY

Dear Bob St. Clair:

This letter is to notify you that the Conservation Division is in receipt of your plugging proposal, form CP-1, for the above-captioned well.

Your CP-1 has been reviewed by the Conservation Division central office for completeness and to verify license numbers. The plugging proposal will now be forwarded to the district office listed below for review of your proposed method of plugging.

Please contact the district office for approval of your proposed plugging method at least five (5) days before plugging the well, pursuant to K.A.R. 82-3-113 (b). If a workover pit will be used during the plugging of the well it must be permitted. A CDP-1 form must be filed and approved prior to the use of the pit.

The Conservation Division's review of form CP-1, either in the central or district office, does not include an inquiry into well ownership or the filing operator's legal right to plug the well.

This notice in no way constitutes authorization to plug the above-captioned well by persons not having legal rights of ownership or interest in the well. This notice is void after ninety (90) days from the above date.

District: #2
130 S. Market, Room 2125
Wichita, KS 67202-3208
(316) 337-6231

Sincerely,

A handwritten signature in cursive script that reads "David P. Williams".

David P. Williams
Production Supervisor

STATE OF KANSAS
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
130 South Market - Room 2078
Wichita, Kansas 67202

FORM CP-1 (3/92)

WELL PLUGGING APPLICATION FORM
(PLEASE TYPE FORM and File ONE Copy)

API # _____ (Identifier number of this well). This must be listed for wells drilled since 1967; if no API# was issued, indicate spud or completion date.

WELL OPERATOR Kansas Gas Service KCC LICENSE # 6534
(owner/company name) (operator's)

ADDRESS P.O. Box 208 CITY Wichita

STATE Kansas ZIP CODE 67201 CONTACT PHONE # (316) 832-3115

LEASE Rectifier Station 672 WELL# _____ SEC. 20 T. 27S R. 2E ((East/West)

NW $\frac{1}{4}$ - NW $\frac{1}{4}$ - NW $\frac{1}{4}$ SPOT LOCATION/0000 COUNTY Sedgwick

85' FEET (in exact footage) FROM S (N) (circle one) LINE OF SECTION (NOT Lease Line)

385' FEET (in exact footage) FROM E (W) (circle one) LINE OF SECTION (NOT Lease Line)

Check One: OIL WELL _____ GAS WELL _____ D&A _____ SWD/ENHR WELL _____ DOCKET# _____

Note: Cathodic Protection

CONDUCTOR CASING SIZE' N/A SET AT _____ CEMENTED WITH _____ SACKS

SURFACE CASING SIZE NONE SET AT _____ CEMENTED WITH _____ SACKS

PRODUCTION CASING SIZE N/A SET AT _____ CEMENTED WITH _____ SACKS

LIST (ALL) PERFORATIONS and BRIDGEPLUG SETS: _____

ELEVATION _____ T.D. 300' PBDT _____ ANHYDRITE DEPTH _____
(G.L./K.B.) (Stone Corral Formation)

CONDITION OF WELL: GOOD _____ POOR _____ CASING LEAK _____ JUNK IN HOLE _____

PROPOSED METHOD OF PLUGGING As per KCC regulations

Plugging 120' with neat cement, cement plug already exists in well at 120' from surface.

(If additional space is needed attach separate page)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED? NO IS ACO-1 FILED? _____

If not explain why? No records available

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-101 et. seq. AND THE RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.

LIST NAME OF COMPANY REPRESENTATIVE AUTHORIZED TO BE IN CHARGE OF PLUGGING OPERATIONS:

Bob St. Clair PHONE# (316) 832-3115

ADDRESS P.O. Box 208 City/State Wichita, KS 67201

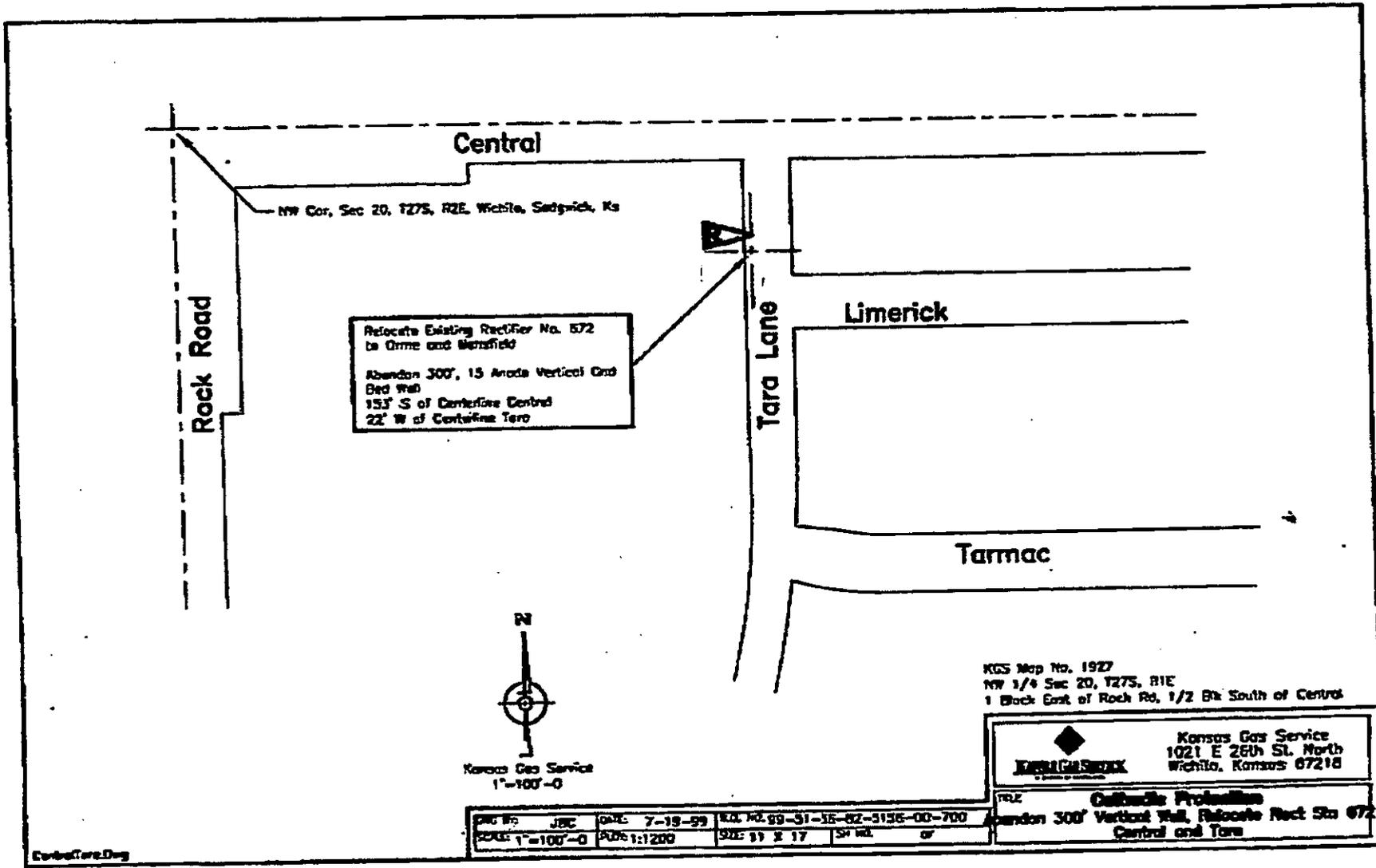
PLUGGING CONTRACTOR McLean's C P Installation, Inc. KCC LICENSE # 09322
(company name) (contractor's)

ADDRESS 4520 State Highway 136 PHONE # (806) 383-5047
Amarillo, TX 79108-7617

PROPOSED DATE AND HOUR OF PLUGGING (If Known?) _____

PAYMENT OF THE PLUGGING FEE (K.A.R. 82-3-116) WILL BE GUARANTEED BY OPERATOR OR AGENT

DATE: 8/25/99 AUTHORIZED OPERATOR/AGENT: [Signature]
(signature)



Relocate Existing Rectifier No. 672
to Orme and Bensfield

Abandon 300', 15 Anode Vertical Grid
Bed Well

153' S of Centerline Central
22' W of Centerline Tara

KGS Map No. 1927
NW 1/4 Sec 20, T27S, R1E
1 Block East of Rock Rd, 1/2 Blk South of Central

 KANSAS GAS SERVICE <small>A Division of Phillips</small>	Kansas Gas Service 1021 E 26th St. North Wichita, Kansas 67218
	Callusite Protection Abandon 300' Vertical Well, Relocate Rect Sta 672 Central and Tara

DRG No:	JBC	DATE:	7-19-99	PLAT NO:	99-31-15-02-3136-00-700
SCALE:	1"=100'-0"	PLD:	1:1200	SIZE:	33 X 17

STATE OF KANSAS
STATE CORPORATION COMMISSION
30 S. Market, Room 207B
Wichita, KS 67202

WELL PLUGGING RECORD
K.A.R.-82-3-1:7
WELL PLUGGING RECORD

API NUMBER 15-173-19004-00-00

LEASE NAME Rectifier Station 672

WELL NUMBER RECTIFIER STATION 672

85' Ft. from N Section Line

385' Ft. from W Section Line

SEC. 20 TWP. 27S RGE. 2E (E) or (W)

COUNTY Sedgwick

Date Well Completed _____

Plugging Commenced 10-18-99

Plugging Completed 10-19-99

TYPE OR PRINT
NOTICE: Fill out completely
and return to Cons. Div.
office within 30 days.

LEASE OPERATOR Kansas Gas Services

ADDRESS P.O. Box 208 - 1021 West 26th Street North
Wichita, KS 67201

PHONE# (316) 832-3115 OPERATORS LICENSE NO. _____

Character of Well Cathodic Protection Well

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on September 13, 1999 (date)

by David P. Williams (KCC District Agent's Name).

Is ACO-1 filed? N/A If not, is well log attached? Records not available

Producing Formation N/A Depth to Top N/A Bottom N/A T.D. 300'

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS | CASING RECORD

Formation	Content	From	To	Size	Put In	Pulled out

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from ___ feet to ___ feet each set.
Cemented with tremmie hose from bottom of well.

Name of Plugging Contractor McLean's C P Installation, Inc. License No. 09322

Address 4520 State Highway 136 Amarillo, TX 79108-7617

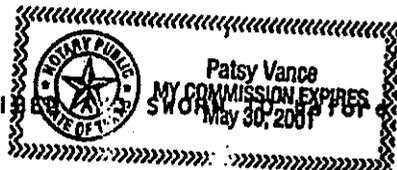
NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Bob t. Clair

STATE OF Kansas COUNTY OF Sedgwick

Cindy Cowan (Employee of Operator) or (Operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts and matters herein contained and the log of the above-described well as filed the same are true and correct, so help me God.

(Signature) Cindy Cowan

(Address) 4520 State Highway 136
Amarillo, TX 79108-7617



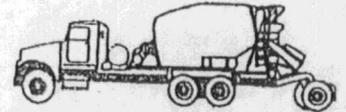
me this 4th day of December, 19 99
Patsy Vance
Notary Public

My Commission Expires: May 30, 2001

"No Job Too Small"
 Computerized Batching
 Concrete Mixed In Transit

Lies Ready Mix, Inc.

1811 S. 135th St. West
 Wichita, Kansas 67235
 (316) 722-1095



PLANT	TIME	DATE	ACCOUNT	TRUCK	DRIVER	TICKET NO.
1	17:03	10/19/99	22420	83	ROGER	33925
CUSTOMERS ADDRESS			DELIVERY ADDRESS			

MCLEANS

CENTRAL AND TARA

PURCHASE ORDER	SALES ORDER	TAX	CREDIT	CONCRETE USED FOR	SLUMP	
KS.				CENTRAL AND TARA	6.0	
LOAD QTY.	PRODUCT	DESCRIPTION	ORDERED	DELIVERED	UNIT PRICE	AMOUNT

1.75	8020	SLURRY WELL MIX	1.75	1.75		
1.00	500	DELV. CHARGE	1.00	1.00		

CAUTION: FRESHLY MIXED CONCRETE MAY CAUSE SKIN IRRITATION OR CHEMICAL BURNS.
 AVOID DIRECT CONTACT WHERE POSSIBLE AND WASH EXPOSED SKIN AREAS PROMPTLY WITH WATER.

NOTICE: UNLOADING TIME ALLOWED -- 5 MINUTES PER YARD.
 • WE DO NOT GUARANTEE FINISHED RESULTS OBTAINED FROM THIS LOAD OF CONCRETE AS MANY IMPORTANT FACTORS AFFECTING THE ULTIMATE QUALITY OF THE COMPLETED JOB ARE OUT OF OUR CONTROL.

- NOT RESPONSIBLE FOR PEELING OR SCALING ON ANY EXPOSED CONCRETE.
- IF REQUESTED TO LEAVE ROAD, WE ASSUME NO RESPONSIBILITY FOR DAMAGE INCURRED BY OUR TRUCK.
- THIS COMPANY WILL ONLY RECOGNIZE TESTS DONE IN ACCORDANCE WITH ASTM STANDARDS.

LEAVE PLANT	ARRIVE JOB SITE	START DISCHARGE	FINISH DISCHARGE	ARRIVE PLANT
17:08				
SUBTOTAL				
TAX				
TOTAL				
OTHER CHARGES				
ADDITIONAL TAX				
GRAND TOTAL				
AIR ENT.				
WATER ADDED ON JOB AT REQUEST OF CONSIGNEE				
GALS. WATER				
INT.				

RMS: CREDIT IS EXTENDED WITH THE UNDERSTANDING THAT ALL ACCOUNTS WILL BE PAID BY THE 10TH OF THE MONTH FOLLOWING DELIVERY. A FINANCE CHARGE OF 1 1/2% PER MONTH OR 18% PER ANNUM, WILL BE CHARGED ON ALL OUTSTANDING BALANCES.

IMPORTANT: THIS ORDER SUBJECT TO OUR REVISIONS AND CONDITIONS LISTED ON REVERSE SIDE.

WEARS
 MARKS

RECEIVED
 BY:

CK # 1259

MATERIAL	REQ'D	BAT'D	VAR	TOL	ACWAT	%MST
CEMENT	3701	3705 LB	4	0.1	0.0	
WATER	205	207 GL	2	1.1	207.0	

MCLEANS
 DATE & TIME 10/19/99 17:05
 PLANT No: 1
 BATCH No: 33925 DROPS: 1
 TRUCK 83. DRIVER: ROGER
 QUAN 1.75YD MIX: 8020

SLUMP 6.0 in
 % HOT WATER 0
 WAT ADJUST 0.0
 AGG ST
 AGG ET
 CEM ST 20
 CEM ET 10
 HI ST ADX NONE

WAT IN TRK = 0.0
 WAT TO ADD = 0.0
 TOTAL WAT = 207.0
 WAT/CEM = 0.466A

KANSAS ONE-CALL

FAX-A-LOCATE REQUEST FORM

Caller ID Number: FAX239 Phone Number: (806) 383- - 5047

Company Name: McLean's C P Installation, Inc.

Caller Name: Scott Young

Explosives: (Y or N) Duration of job: 4 Days

Type of Work: Cathodic Protection Deep well Abandonment

Work being done for: Kansas Gas Service

County: Sedgwick City/Place: Wichita

Address: _____ street: _____

Nearest cross street: Central and Tara Lane

Location of Work: 153' south of centerline Central, 22' west of centerline

Tara Lane. Mark from existing rectifier a 100' radius in all directions. Map attached

(MAKE SURE THE "LOCATION OF WORK" COVERS ENTIRE EXCAVATION AREA!)

Remarks: Starting Date: Wednesday, October 13, 1999 @ 7:00 a.m.

Township: 27S Range: 2E Section/Quarter: 20 Section 20 NW1/4, NW1/4, NW1/4

Township: _____ Range: _____ Section/Quarter: _____

FOR KANSAS ONE-CALL USE ONLY

Ticket Number: --

Work to Begin Date: _____

Utilities Notified: _____

IF THERE ARE ANY OTHER UNDERGROUND FACILITY OWNERS IN YOUR AREA OF EXCAVATION OTHER THAN THOSE LISTED ABOVE, YOU MUST NOTIFY THEM DIRECTLY OF YOUR INTENTION TO DIG.

Kansas One Call
Ticket No: 327333

STANDARD

Send To: FAX239 Seq No: 2 Map Ref:

Transmit Date: 9/24/99 Time: 4:47 PM Op: michel
Original Call Date: 9/24/99 Time: 2:07 PM Op: michel
Work to Begin Date: 10/13/99 Time: 7:00 AM

Company : MCLEANS CP INSTALLATION
Caller Name : SCOTT YOUNG
Alt. Contact: COLIN STAVROPOULOS
Caller Address: 4520 STATE HWY 136
 AMARILLO, TX 79108

Best Time: 8 - 5
Phone: (806)383-5047
Phone: (316)885-4554

Type of Work: CATHODIC PROTECTION DEEP WELL ABANDONMENT

Explosives: N Duration: 4 DAYS
Work Being Done For: KANSAS GAS SERVICE

State: KS County: SEDGWICK Place: WICHITA
Address: Street: CENTRAL
Nearest Intersecting Street: TARA LANE

Location of Work: 153' SOUTH OF CENTERLINE CENTRAL. 22' WEST OF CENTERLINE
: TARA LANE. MARK FROM EXISTING RECTIFIER A 100' RADIUS IN ALL DIRECTIONS.

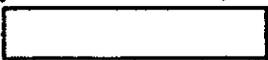
Remarks: STARTING DATE: WEDNESDAY, OCTOBER 13, 1999 @ 7:00 A.M.
: FAX-A-LOCATE REQUEST

Twp: 27S Rng: 2E Sect-Qtr: 20-NW
Twp: 27S Rng: 2E Sect-Qtr: 20-NW

JAYH01 KANGAS72 KGE57 MULTIC01 SWD21 WCHWTR50

Jayhawk - Clear

FIELD



SKETCH



CENTRAL

ALL ITEM WERE REMOVED & JUNKED
OR ABANDONED - END BED & VENT
WERE PLUGGED WITH CONCRETE
(1.74 YDS) BY MCLEAN

OIL BATH BOX
& POLE
160 S.C. CENTRAL
28 W.G. TARA

GRD BED
159 S.C. CENTRAL
21 W.G. TARA

RECT. BOX
& POLE
161 S.C. CENTRAL
23 W.G. TARA

NEG. CABLE

T
A
R
A

- PIPE CONDITION
- BARE: CORROSION: LIGHT: MODERATE:
- COATED: COATING: GOOD: POOR: DAMAGED:
- COATING TYPE
- WILL: THIN FILM: PAINTED: PASTIC:

FOR OFFICE PERSONNEL ONLY

TO ABANDON _____ FT OF _____ (_____)

ABANDONED _____ FT OF _____ (_____)

TO ABANDON _____ FT OF _____ (_____)

ABANDONED _____ FT OF _____ (_____)

TO ABANDON _____ FT OF _____ (_____)

ABANDONED _____ FT OF _____ (_____)

TOWN _____ COUNTY _____ STATE _____

DATE _____ W. O. NUMBER _____

GAS MAIN CONSTRUCTION REPORT

51-56-81 / 5156 - 00-700

FOREMAN'S MAIN EXTENSION REPORT

TOWN Wichita COUNTY Ag STATE Ks SCHOOL DISTRICT 2127

SUB-DIVISION _____ M.E.A. _____ PERMIT NO. _____

LOCATION Install Red. The 902 ABO #612 DATE STARTED 10/25/99
902 - Amu & Mansfield, #612 Cont'd last DATE COMPLETED 01/09/00

LENGTH APPROVED _____ SIZE _____ TYPE _____
 LENGTH LAID _____ PRESSURE _____
 TYPE OF JOINT _____ JOINT LENGTH _____
 DEPTH OF MAIN _____ DRAINS _____
 PERMITS OK _____ PERMIT NO. _____
 UNDERGROUND: POWER _____ PHONE _____ WATER _____ SEWER X

ENGINEERING DATA

WALL THICKNESS _____ PIPE SPECS. _____
 COATING SPECS. & TYPE _____
 JOINT COATING _____ PRIMER _____
 MAXIMUM OPER'T'G PRESS. _____ PSI
 TEST PRESS. _____ PSI FOR _____ HRS. _____ MINS. WITH _____
 WITNESS OF TEST APPROVAL _____ DATE _____
 X-RAY TEST _____ % OF WELDS, BY _____
 WELDING PROCEDURE _____
 REMARKS: INSTALLED NEW DEEP WELL & RECT

COMPLETED:

CLEANUP X
 REPAVING _____
 RESODDED _____
 SEEDING X

COMPANY OR CONTRACT WORK

DITCHING _____ BACKFILL _____
 ROCK: BACKHOE _____ CU. YD.
 SOLID _____ CU. YD.
 CONTRACTOR McLEAN SPS
 FOREMAN _____
 WELDER(S) _____
 INSPECTOR SAMS

FOREMAN SAMS SUPERVISOR Durham

SHEET _____ OF _____

MATERIAL RECEIVED			MATERIAL RECEIVED			MATERIAL RECLAIMED		
SIZE	DESCRIPTION	NO.	SIZE	DESCRIPTION	NO.	SIZE	DESCRIPTION	NO.
10"	PVC CAP	1	40120	UNIVERSAL RECT	N/S			
10"	PVC PIPE (SCH #40)	79'		POLE & HOOPS (MCPBIDE)				
10X10X4	PVC TEE	1						
4X2	PVC REDUCER	1						
2X1 1/2	RUBBER BOOT	1						
1 1/2"	PVC PIPE (SCH #40)	115'						
8 3/4"	DRILLED HOLE	210'						
17 1/2"	DRILLED HOLE	82'						
SWS	LORESKO BACKFILL	-						
TA3	DRICLOR ANODES WITH	10						
-	#6 LEADS	1						
	BENTONITE HOLE PLUG							
	CONCRETE USED FOR	-						
	GROUTING CASING	-						
3"	ANODE CENTRALIZERS	20						
10"	CASING CENTRALIZERS	2						
1 1/2"	PVC PIPE (LARGE SIZE)	120'						
1 1/2"	PVC 90° ELL	4						

Holiday Detection _____
 Date(s): _____
 Coating Thickness: _____
 Operating Voltage: _____
 Voltage Verified: Yes _____ No _____
 Operator(s): _____

MAN HOURS _____

TO TOP OF CAP = 50"
TO 4" OUTLET = 42"

FIELD SKETCH

GRD-BED
10 M.G. ORTE
24 E.G. MANHOLE

EXISTING DIP T/S
3 M.G. ORTE
1 W.R. MANHOLE

ORGANON DITCH

SET & JCT BOX
9 B.G. ORTE
18 E.G. MANHOLE

INDIANAPOLIS

ANODE LOCATIONS

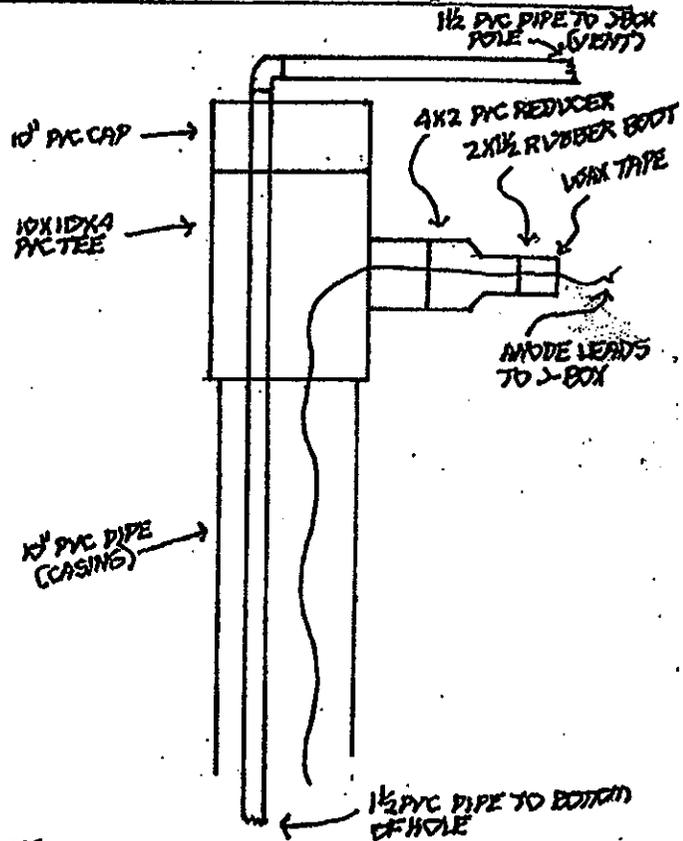
- 1 - 198
- 2 - 108
- 3 - 178
- 4 - 168
- 5 - 158
- 6 - 148
- 7 - 138
- 8 - 128
- 9 - 118
- 10 - 108

(TOP OF ANODE)

CENTRALIZERS ON CASING
ARE AT 40 & 80 FT.

INDIANAPOLIS

ORTE



PIPE CONDITION

BARE: CORROSION: LIGHT: MODERATE:

COATED: COATING: GOOD: POOR: DAMAGED:

COATING TYPE

MILL: THIN FILM: PAINTED: MASTIC:

CATHODIC PROTECTION: RECTIFIER _____ PIPE TO SOIL POTENTIAL: _____

NO. OF ANODES _____ CURRENT DRAIN _____ NEW MAIN: _____ OLD MAIN: _____

ANODE SIZE _____ TYPE OF SOIL _____ VOLTS _____ BEFORE _____ VOLTS

ANODE DEPTH _____ MAIN DEPTH _____ AFTER _____ VOLTS

FOR _____ OFFICE _____ PERSONNEL _____ ONLY _____

TO LAY _____ OF _____ (_____)

LAI _____

TOWN _____ COUNTY _____ STATE _____

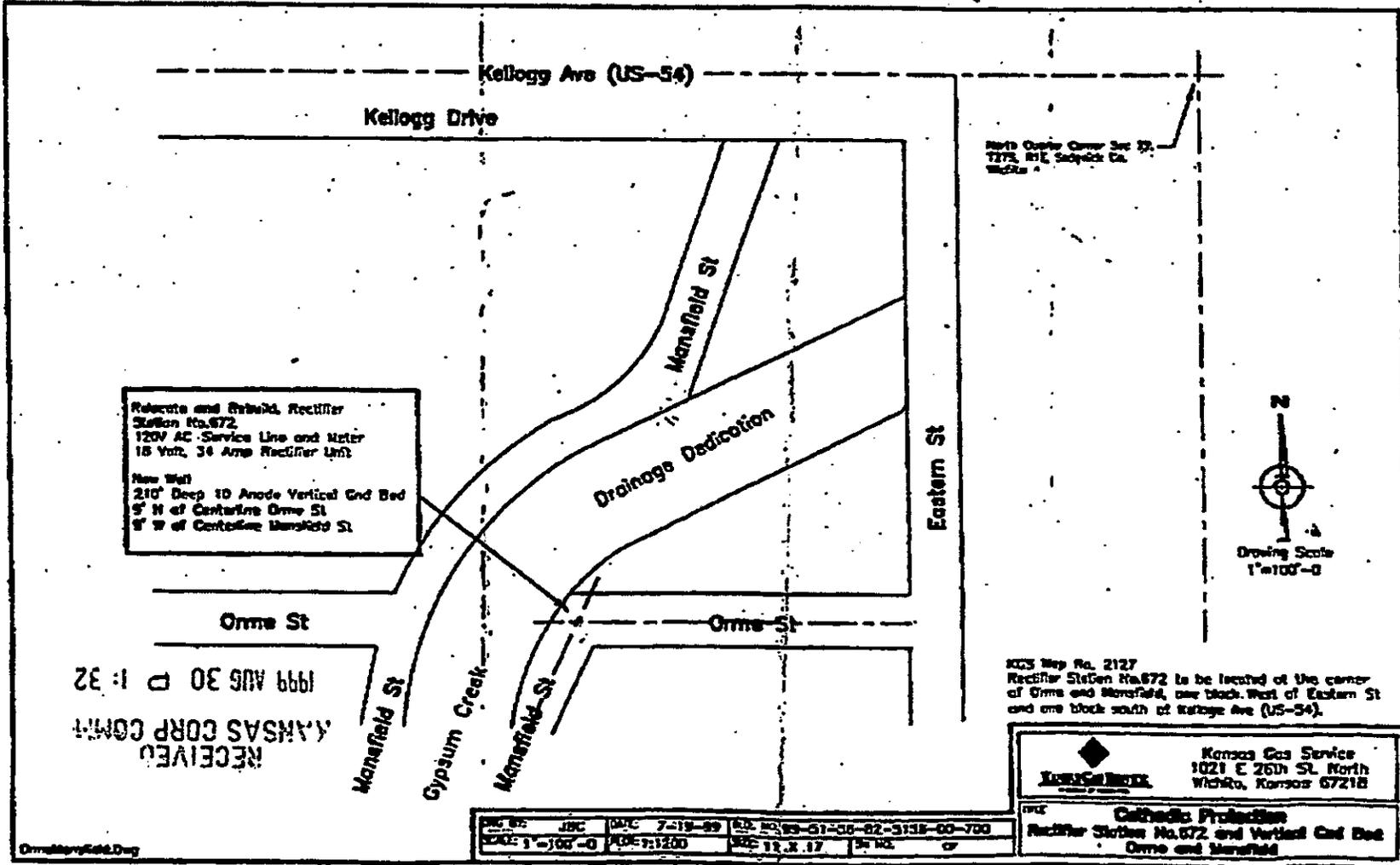
DATE _____ W.O. _____

AUG. - 23' 99 (MON) 14:23

KANSAS GAS SERVICE

TEL: 316 832 3175

P. 007



RECEIVED
 KANSAS CORP COM
 1999 AUG 30 P 1:32

DATE: 1-30-00	TIME: 12:00	DATE: 7-19-99	DATE: 09-01-98-02-3135-00-700
DATE: 11.2.17	DATE:	DATE:	DATE:

KANSAS GAS SERVICE
 1021 E 26th St North
 Wichita, Kansas 67218

Catholic Protection
 Rectifier Station No. 672 and Vertical Cnd Bed
 Orme and Mansfield

OrmeMap.dwg