

SIDE ONE

ORIGINAL

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

API NO. 15- 185-01043

County Stafford

NW NE SE Sec. 26 Twp. 21S Rge. 12W X East West

2,310 FSL Ft. North from Southeast Corner of Section

990 FEL Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

Lease Name Widener Well # 1

Field Name Max

Producing Formation Viola

Elevation: Ground 1,820' KB 1,830'

Total Depth 3,752 PBSD 3,750

Operator: License # 03672

Name: HELM ENERGY COMPANY

Address 6104 E. 32nd Street

Suite 207

City/State/Zip Tulsa, OK 74135

Purchaser: KOCH Oil Company

Operator Contact Person: John S. Helm

Phone (918) 665-3740

Contractor: Name: Duke Drilling Company

License: 5929

Wellsite Geologist: Karl Kriegh

Designate Type of Completion

 New Well X Re-Entry Workover

 X Oil SWD Temp. Abd.

 Gas Inj Delayed Comp.

 Dry Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:

Operator: Thomas H. Allen

Well Name: Widener #1

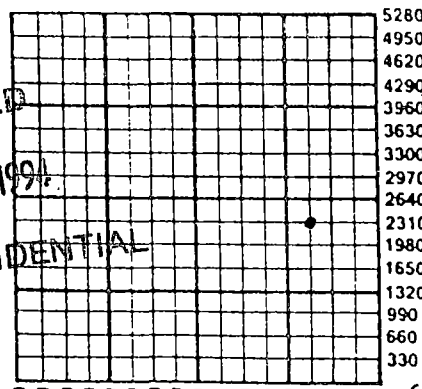
Comp. Date 11-27-56 Old Total Depth 3,655

Drilling Method:

 X Mud Rotary Air Rotary Cable

10-3-91 10-4-91 10-14-91

Spud Date Date Reached TD Completion Date



No ALT 1 or ALT 2

SHORT ON SURFACE PIPE

Amount of Surface Pipe Set and Cemented at 233 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 233

feet depth to Surface w/ 225 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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]

Title President JOHN S. HELM Date 4-14-92

Subscribed and sworn to before me this 14th day of April, 19 92.

Notary Public [Signature]

Date Commission Expires March 7 1993

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

ORIGINAL

SIDE TWO

Operator Name HELM ENERGY COMPANY Lease Name Widener Well # #1
 Sec. 26 Twp. 21 Rge. 12 East County Stafford County, Kansas
 West

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

Name	Formation Description	
	Top	Bottom
Topeka	2,818	3,114
Lansing	3,266	3,501
Viola	3,553	3,594
Arbuckle	3,644	3,752

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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
Original Surface	12 1/4	8 5/8	23	233		225	
Production	7 7/8	5 1/2	14	3,747	40/60 Poz	75	10% Salt,

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	3,554 to 3,594	10-14-92 2,000 gal Fe Acid with 6,000 gal KCL Flush, followed by 44,000 lb Gelled KCL Frac (1,000 bbl) 2-17-92-Drilling Mud Dispersant Treatment 1,000 gal 7.5% FeAcid with 500 Gal N-ver-Sperse "A" 2-22-92 = 6,000 lb Gelled KCL Frac with 238 bbl.	" "

TUBING RECORD Size 2 7/8 Set At 3,544 Packer At None
 Liner Run Yes No

Date of First Production 2-29-92 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	2		7	N/A	40

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled
 Other (Specify) _____

X
JOHN S. HELM
PRESIDENT

HELM ENERGY COMPANY

6104 EAST 32ND STREET
SUITE 207
TULSA, OKLAHOMA 74135

4-14-93
OFFICE 918-665-3740
HOME 918-494-0818

ORIGINAL

April 14, 1992

Kansas Corporation Commission
200 Colorado Derby Building
Wichita, Kansas 67202

Re: Completion Report
Widener #1
NW/4 NE/4 SE/4
Section 26-21S-12W
Stafford County, Kansas

Ladies/Gentlemen:

Please find enclosed, the subject Completion Report, Logs, Cementing Tickets, etc., regarding the subject Well. The Completion Report submission was delayed, due to the fact, that this Well was a Wash-Down and as a result, we experienced substantial Formation Damage which required several Completion Treatments. Additionally, we respectfully request that Page (2) of this Completion Report, be held confidential for a period of twelve (12) months. If you have any questions, please contact the undersigned.

Your cooperation is sincerely appreciated.

Very truly yours,



JOHN S. HELM

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JUL 25 1994

FROM CONFIDENTIAL

JSH/jh

RECEIVED
STATE CORPORATION COMMISSION
APR 22 1992
CONSERVATION DIVISION
Wichita, Kansas

WORK ORDER CONTRACT
AND PRE-TREATMENT DATA

FORM 1908 R-7

A Division of Halliburton Company

ATTACH TO INVOICE & TICKET NO. 185581

DISTRICT Pr.H, Ks

DATE 10 4 91

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Helm Energy Company (CUSTOMER)
AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

ORIGINAL

WELL NO. #1 LEASE Wiedner SEC. 26 TWP. 21 RANGE 12

FIELD _____ COUNTY Stafford STATE Ks OWNED BY Some

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS FROM _____ TO _____
PACKER: TYPE _____ SET AT _____
TOTAL DEPTH _____ MUD WEIGHT _____
BORE HOLE _____
INITIAL PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF
PRESENT PROD: OIL _____ BPD, H₂O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING	N	15.5	5 1/2	KB	3747	
LINER						
TUBING						
OPEN HOLE			7 1/2		3750	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED _____

Set 5 1/2 @ 3747' w/ 75 sks (40-60) Pozmix 10% salt, 75% H-1-d 322
75 sks (40-60) Pozmix 10% salt, 75% H-1-d 322, 5 1/2
400' salt for 20 bbl salt flush

CUSTOMER OR HIS AGENT WARRANTS THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

As consideration, the above-named Customer agrees: THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price list. Invoices are payable NET by the 20th day of the month following the date of invoice. Upon Customer's default in 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 costs and attorney fees in the amount of 20% of the amount of the unpaid account.
- b) To defend, indemnify, release and hold harmless Halliburton, 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, attorneys 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 or 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.

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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 Halliburton's negligence, strict liability, or the unseaworthiness of any vessel owned, operated, or furnished by Halliburton or any defect in the data, products, supplies, materials, or equipment of Halliburton whether in 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 Halliburton. The term "Halliburton" as used in said Sections b) and c) shall mean Halliburton, 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, Halliburton 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 Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be liable for and Customer shall indemnify Halliburton against any damages arising from the use of such information.
- d) That Halliburton 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. Halliburton's liability and Customer's exclusive remedy in any 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 is expressly limited to the replacement of such products, supplies, or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect punitive or consequential damages.
- e) That Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments used in the operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing unit, returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
- f) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law.
- g) That this contract shall be governed by the law of the state where services are performed or materials are furnished.
- h) That Halliburton 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 executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED _____ CUSTOMER
DATE 10-4-91
TIME _____ A.M. P.M.

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 services furnished under this contract.

CUSTOMER

STATE OF OKLAHOMA
APR 25 1994
CONSERVATION DIVISION
WELL SERVICES



JOB SUMMARY

HALLIBURTON DIVISION Oklahoma City
HALLIBURTON LOCATION Great Bend, Ks.

BILLED ON TICKET NO. 155551

WELL DATA

FIELD _____ SEC. 26 TWP. 21 RNG. 12 COUNTY Stafford STATE Ks

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
PRESENT PROD: OIL _____ BPD. WATER _____ BPD. GAS _____ MCFD
COMPLETION DATE _____ MUD TYPE _____ MUD WT. _____
PACKER TYPE _____ SET AT _____
BOTTOM HOLE TEMP. _____ PRESSURE _____
MISC. DATA _____ TOTAL DEPTH _____

	NEW USED	WEIGHT	SIZE	FROM	TO	MAXIMUM PSI ALLOWABLE
CASING	N	15.5	5 7/8	KB	3747	
LINER						
TUBING						
OPEN HOLE			7 7/8		3750	SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

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JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>10-4</u>	DATE <u>10-4</u>	DATE <u>10-4</u>	DATE <u>10-4</u>
TIME <u>1510</u>	TIME <u>1615</u>	TIME <u>1930</u>	TIME <u>2215</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE <u>Insert</u>	<u>1</u>	<u>Howe</u>
GUIDE SHOE	<u>1</u>	<u>"</u>
CENTRALIZERS <u>1, 3, 6, 9</u>	<u>8</u>	<u>"</u>
BOTTOM PLUG		
TOP PLUG <u>5-W</u>	<u>1</u>	<u>"</u>
HEAD <u>Manifold</u>	<u>1</u>	<u>"</u>
PACKER		
OTHER <u>Auto Fillup</u>	<u>1</u>	<u>"</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>J Bennett</u>	<u>REM-ABC</u>	
<u>R Gordley</u>	<u>51936</u>	<u>25520</u>
	<u>801R</u>	
<u>D Debreutz</u>	<u>4604</u>	<u>25520</u>

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MATERIALS

TREAT. FLUID _____ DENSITY _____ LB./GAL.-API _____
 DISPL. FLUID _____ DENSITY _____ LB./GAL.-API _____
 PROP. TYPE _____ SIZE _____ LB. _____
 PROP. TYPE _____ SIZE _____ LB. _____
 ACID TYPE _____ GAL. _____ % _____
 ACID TYPE _____ GAL. _____ % _____
 ACID TYPE _____ GAL. _____ % _____
 SURFACTANT TYPE _____ GAL. _____ IN. _____
 NE AGENT TYPE _____ GAL. _____ IN. _____
 FLUID LOSS ADD. TYPE _____ GAL.-LB. _____ IN. _____
 GELLING AGENT TYPE _____ GAL.-LB. _____ IN. _____
 FRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN. _____
 BREAKER TYPE _____ GAL.-LB. _____ IN. _____
 BLOCKING AGENT TYPE _____ GAL.-LB. _____
 PERFPAC BALLS TYPE _____ QTY. _____
 OTHER _____
 OTHER _____

DEPARTMENT Cement

DESCRIPTION OF JOB 5% Production

JOB DONE THROUGH TUBING CASING ANNULUS TBG/ANN.

CUSTOMER REPRESENTATIVE Jerry Bennett

HALLIBURTON OPERATOR _____ COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	CEMENT	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	<u>75</u>	<u>40-66</u>	<u>Pozmix</u>	<u>B</u>	<u>10% salt, .75% Haled 322</u>	<u>1.30</u>	<u>14.55</u>
	<u>75</u>	<u>40-60</u>	<u>Pozmix</u>	<u>B</u>	<u>10% salt, .75% Haled 322, 5% gel</u>	<u>1.40</u>	<u>14.15</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PRES LUSH (BBL) GAL. 20 TYPE S.H.H.ush
 BREAKDOWN _____ MAXIMUM _____ LOAD & BKDN: BBL-GAL. _____ PAD: BBL-GAL. _____
 AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL-GAL. _____ DISPL (BBL) GAL. 89
 SHUT-IN: INSTANT _____ 5-MIN _____ 15-MIN. _____ CEMENT SLURRY (BBL) GAL. 11.4 - 18.7 = 36.1
 HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL-GAL. _____
 ORDERED _____ AVAILABLE _____ USED _____ REMARKS T-1 Casing 3750.78
 AVERAGE RATES IN BPM _____
 TREATING _____ DISPL. _____ OVERALL _____
 CEMENT LEFT IN PIPE _____
 FEET 14 REASON Insert

CUSTOMER Helen Energy Co. LEASE Wieder WELL NO. 11 JOB TYPE 5% Production DATE 10-9-91

HALLIBURTON SERVICES
JOB LOG

WELL NO. 211 LEASE Wiedner TICKET NO. 185581
 CUST. Helm Energy Co GE NO. 1
 JOB TYPE 5 1/2 Longstring DATE 10.4.91

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1530							Called out
	1730							On location
	1800							Set up truck
	1950							Break circulation
	2042	4.5	20		✓			Run Salt Flush
	2045	6	1		✓		380	Start mixing cement
	2047							Plugged Rehole w/ 15 sks
	2053	6.2	36.1		✓		214	Finish mixing cement
	2055							Clear lines + Release Plug
	2056	1	1		✓		273	Start displacement
	2106						700-0	Blow line on rig line
	2113	8.6	89		✓		1180	Plug down &
							No	By Wireline
	2115						OK	Release Float Head
								RELEASED
								JUL 25 1994
	2130							Wash + Rack up
								FROM CONFIDENTIAL
	2200							Job complete
								Thank You
								51936-P
								81870 Jerry Bennett
								08500 Kevin Gordley
								80032 Don Debrate

ORIGINAL

CUSTOMER

ORIGINAL

HALLIBURTON DATA LOG

THIS REPORT IS BASED ON SOUND ENGINEERING PRACTICES, BUT BECAUSE OF VARIABLE WELL CONDITIONS AND OTHER INFORMATION WHICH MUST BE RELIED UPON, HALLIBURTON MAKES NO WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THE DATA OR ANY CALCULATIONS OR OPINIONS EXPRESSED HEREIN. YOU AGREE THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DUE TO NEGLIGENCE OR OTHERWISE, ARISING OUT OF OR IN CONNECTION WITH SUCH DATA, CALCULATIONS OR OPINIONS.

COMPUPAC Ver. 1.54 10/04/91

Customer: Helm Energy Company Ticket Number: 185581
Contractor: Lobo Drlg Permit Number:
Lease: Wiedner Well #: #1
Location: Ellinwood, Ks. 12 3/4 South Sec.: 26
Field: Twr.: 21
Country: USA Rng.: 12
County: Stafford State: KANSAS
Job Type: 5 1/2 Production

WELL DESCRIPTION

Table with 4 columns: HOLE DEPTH, TYPE, SIZE, WEIGHT. Rows include KB - 3747 (Casing, 5 1/2, 15.5) and 3747 - 3750 (Open Hole, 7 7/8).

Table with 4 columns: PERF DEPTH, NUMBER, SIZE, FORMATION.

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Open Hole I.D.: 7 7/8 Total Depth: 3750
Zone #: Formation:
Packer Depth: Packer Type: APR 25 1994
Baffle/MSC Depth: 3733 Baffle Size: 5 1/2
BHST: Frac Gradient: FROM CONFIDENTIAL

CEMENTING DATA

Table with 4 columns: FLUID TYPE, COMPOSITION, DENSITY, VOLUME. Rows include 75 Sacks of (40-60) Pozmix 10% Salt, .75% Halad 322 (14.55, 17.4 BBL) and 75 Sacks of (40-60) Pozmix 10% Salt, .75% Halad 322, 5 # Gilsonite per Sk (14.15, 18.0 BBL).

N2 VOLUME: N2 RATIO:
PLASTIC VISC: YIELD POINT:
CIRC TIME: GEL STRENGTH:

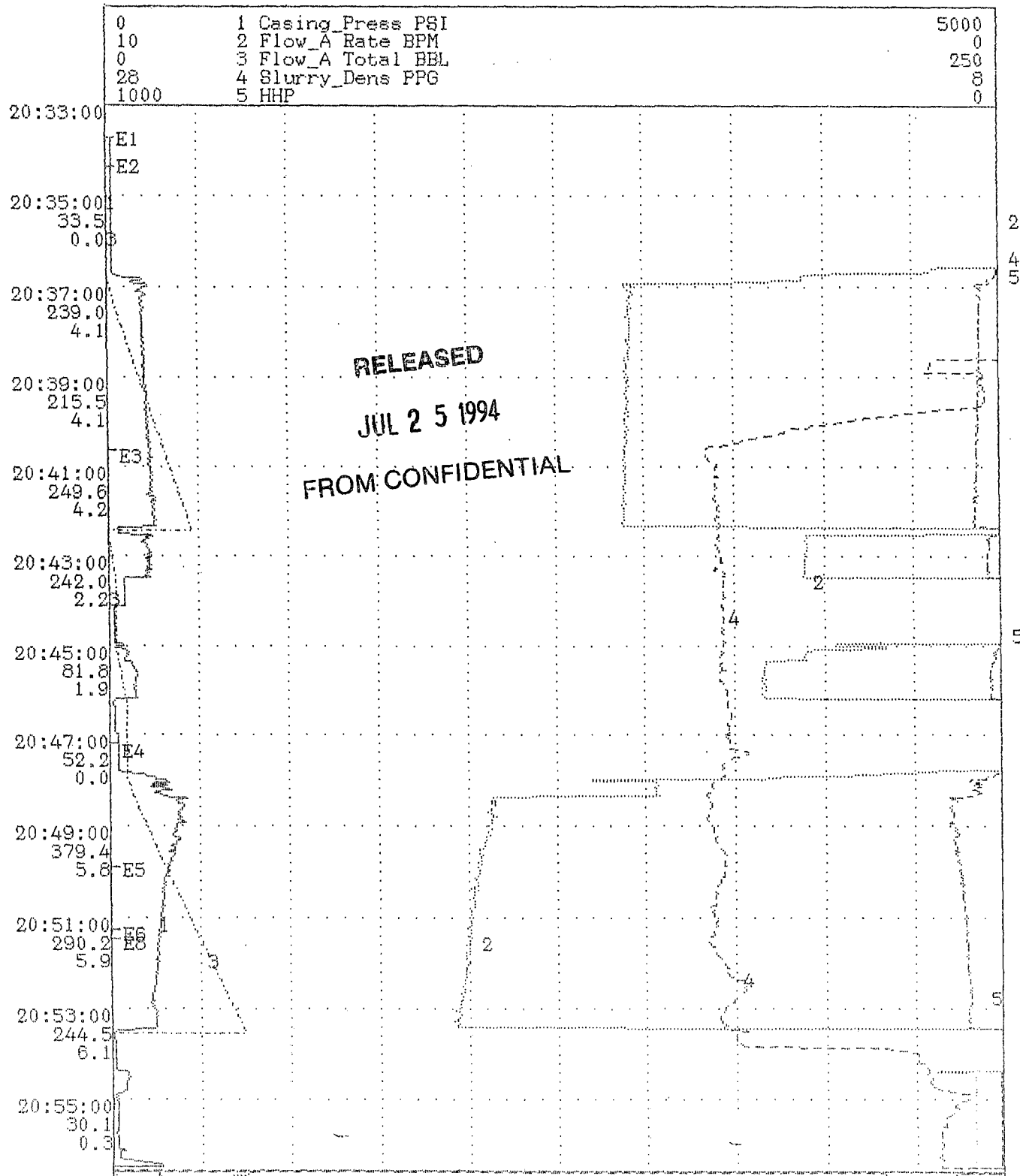
Comments:

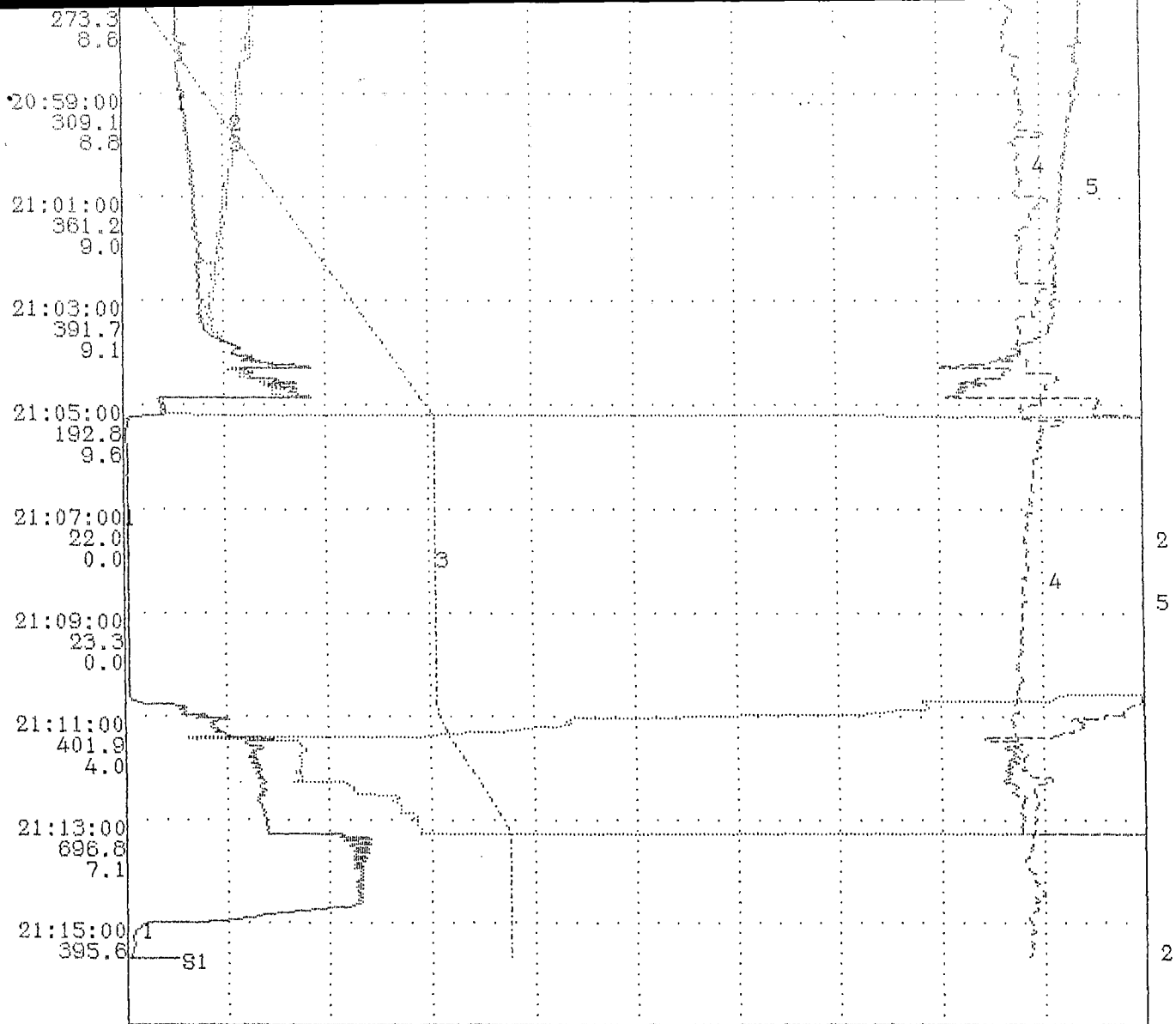
RECEIVED STATE COMMISSION WICHITA, KANSAS APR 22 1994 CONSERVATION DIVISION

ORIGINAL

Legend for Side

- 1. Time
- 2. Casing_Press PSI
- 3. Flow_A Rate BPM
- 4. None
- 5. None





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JUL 25 1994

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