

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

API NO. 15-129-20,894-0000  
County Morton  
C NE SW Sec 20 Twp 32S Rge 40W East West

Operator: License # 4969  
Name Barnes Hugoton Corporation  
Address 370 17th St., Suite 3200  
City/State/Zip Denver, CO 80202

1980  
3300 Ft North from Southeast Corner of Section  
Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser Gas - Colony Energy Corp.

Lease Name Light Well # 1-20

Operator Contact Person Layle L. Robb  
Phone (303) 629-1447

Field Name

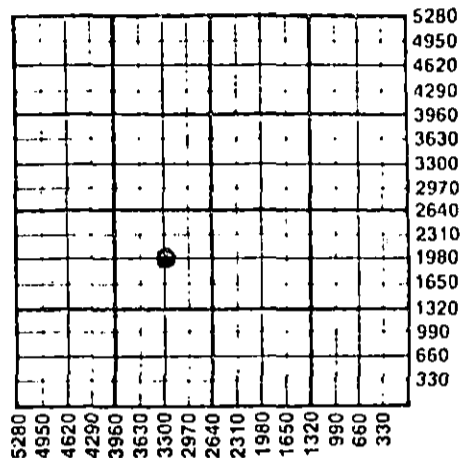
Producing Formation Morrow

Contractor: License # 5147  
Name Beredco, Inc.

Elevation: Ground 3350' KB

Wellsite Geologist Soli Shapurji  
Phone (303) 629-1447

Section Plat



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

WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket #  Repressuring

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

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
10/30/87 11/11/87 3/29/88  
Spud Date Date Reached TD Completion Date  
5820' 5785'  
Total Depth PBTD

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit #  
 Groundwater.....Ft North from Southeast Corner  
(Well) .....Ft West from Southeast Corner of  
Sec Twp Rge East West  
 Surface Water.....Ft North from Southeast Corner  
(Stream, pond etc).....Ft West from Southeast Corner  
Sec Twp Rge East West  
 Other (explain) Water pumped from farmers pond  
(purchased from city, R.W.D. #)

Amount of Surface Pipe Set and Cemented at 1650 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 2994 feet  
If alternate 2 completion, cement circulated  
from 2994 feet depth to 800 w/ 460 SX cmt  
Cement Company Name Halliburton  
Invoice # 585303  
A/I

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. 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 Layle L. Robb  
Title Operations Manager Date 4/05/88

Subscribed and sworn to before me this 5th day of April 1988  
Notary Public J. S. Pacheco  
Date Commission Expires 3-9-89

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Drillers Timelog Received  
Distribution  
SWD/Rep NGPA  
Plug Other  
(Specify)  
RECEIVED  
STATE CORPORATION COMMISSION  
APR - 7 1988  
4-7-88

CONSERVATION DIVISION  
Wichita, Kansas  
Form ACO-1 (5-86)

Sec 20 Twp 32 Rge 40W

Operator Name ..... Barnes Hugoton Corporation ..... Lease Name..... Light ..... Well #..... 1-20

Sec..... 20 ..... Twp..... 32W ..... Rge..... 40W .....  East  West ..... County..... Morton .....

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

Formation Description  
 Log  Sample

DST #1 @ 5360'-5436', 30"-60"-60"-120". IHP 2483#, IFP 93-114#, ISIP 1340#, FFP 72-104#, FSIP 1319#, FHP 2483#. BHT 132°F. Rec 180' mud. Flowed gas at surface at 248 MCFD rate.

DST #2 @ 5477'-88', 30"-60"-90"-120". IHP 2578#, IFP plugged, ISIP 1184#, FFP 177-364#, FSIP 1184#, FHP 2578#, BHT 142°F. Rec 95' SOCM and 270' SOCMW. Flowed gas at surface 1379 MCFD rate.

Name	Top	Bottom
Top Soil/Sand	0	68
Sand & Red bed	68	1140
Red Bed & Anhy.	1140	1651
Steel Wall Cake		
Shale & Lime	1651	2002
Lime & Shale	2002	2395
Shale & Lime	2395	4977
Shale	4977	5150
Shale & Lime	5150	5464
Shale	5464	5488
Lime/shale	5488	5530
Shale	5530	5638
Shale/Lime	5638	TD

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
Surface	12-1/4"	8-5/8"	24#	1650'	HLC Class C	525	2% CC, 2# Flowseal
Production	7-7/8"	5-1/2"	14#	5819'	50-50 Poz	400	2% CC
Halide 322, 1/4# Flowseal and 5# Gilsomite	12-1/2"	Gilsomite/Sec. stage 460			50-50 Poz	400	2% Gel, 3% KCL, .4% CFR2

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	5426-28 and 5432-36	600 gallons 7.5% FF	5426
2	5472-80	w/50 RCNB's	to 5480

TUBING RECORD Size 2-3/8" OD Set At 5304' Packer at 5290' Liner Run  Yes  No

Date of First Production March 29, 1988 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity
	1	893	Tr.		

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  Open Hole  Perforation  Other (Specify) ..... 5426' to 5480'  Dually Completed  Commingled

*Will file*

FORM 1966 R-10 PAGE 1 OF \_\_\_\_\_ PAGES

WELL NO. - FARM OR LEASE NAME <b>1-20 Light</b>		COUNTY <b>Marion</b>	STATE <b>Ks</b>	CITY/OFFSHORE LOCATION	DATE <b>11-12-87</b>
CHARGE TO <b>BAINES Hugoton</b>		OWNER <b>SAME</b>	TICKET TYPE (CHECK ONE) SERVICE <input type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input type="checkbox"/>
ADDRESS		CONTRACTOR <b>Basdeo #6</b>	LOCATION <b>1 Liberal Ks</b>		CODE <b>50340</b>
CITY, STATE, ZIP		SHIPPED VIA <b>HANCO</b>	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT	LOCATION <b>2 Hugoton, Ks</b>	CODE <b>50335</b>
DUNCAN USE ONLY	DELIVERED TO <b>location</b>		LOCATION <b>3</b>		CODE
	ORDER NO.		REFERRAL LOCATION		
	WELL TYPE <b>01</b>	WELL CATEGORY <b>01</b>	WELL PERMIT NO.		
	TYPE AND PURPOSE OF JOB <b>055 2-stage 5 1/2 hrs staging</b>				<b>B-661716</b>

As consideration, the above-named Customer agrees to pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists. Invoices payable NET by the 20th of the following month after 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 an attorney 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. These terms and conditions shall be governed by the law of the state where services are performed or equipment or materials are furnished.

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 FOR A PARTICULAR PURPOSE 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, product liability, 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.

PRICE REFERENCE	SECONDARY REF OR PART NO.	L O C.	ACCOUNT	DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
					QTY	MEAS	QTY	MEAS			
000-117				MILEAGE	25	mi			2.10	52	50
007-013				Pump Charge 1st stage	5720	ft				1183	00
007-161				Pump Charge 2nd stage						660	00

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-661716** RECEIVED 10551 06

WAS JOB SATISFACTORILY COMPLETED? \_\_\_\_\_

WAS OPERATION OF EQUIPMENT SATISFACTORY? \_\_\_\_\_

WAS PERFORMANCE OF PERSONNEL SATISFACTORY? \_\_\_\_\_

X *[Signature]*  
CUSTOMER OR HIS AGENT (PLEASE PRINT)

X \_\_\_\_\_  
CUSTOMER OR HIS AGENT (SIGNATURE)

TAX REFERENCES

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*John Ebersak*  
HALLIBURTON OPERATOR

RECEIVED 10551 06

APR 1 1 1988

CONSERVATION DIVISION TAX  
Wichita, Kansas

TOTAL

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.

HALLIBURTON APPROVAL *[Signature]*

CUSTOMER

12446 56

JOB LOG

CL JMER Salinas, Aug 10

PAGE NO.

JOB TYPE 2 Stage 5<sup>1/2</sup> In. string

DATE 1-12-81

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	030							Called out
	040							on location, rig long down drill pipe
	0730							Drill pipe out
	0830							Start casing
	1153							Hook up swells and circulate to find bottom
	1245							Passing in circulate with rig pump
	1345	2	6				150	Pump get spacer
	1349	6	107				450	Pump cement, 400 sack 50% Pz
	1408							Displace, wash pumps + lines
	1412	6					250	Displace - flow
	1421	7	90				50	Start displacement
	1432	2	131				450/500	Reduce rate
	1437		141				750/500	Plug cement
	1438							Release pressure, no flow back
	1445							Drop opening block
	1503						450	Open stage tool
	1510							Circulate with rig pump till 1800 hrs
	1805							Hook up pump truck
	1807	2	6				50	Pump get spacer
	1811	6.5	122				200	Cement - 450 sack 6 cement
	1837							Drop cleaning plug
	1840	5						Displace - wash pump + lines on top of plug
	1852	3	62				600/500	Reduce Rate
	1855		73				600/200	Plug cement
	1856							Release pressure, no flow back
								Completion tooling equip
								Baker SV Tool at 2942'
								Release pressure throughout job
								But not get cement to surface

STATE OF KANSAS RECEIVED

APR 11 1988

CONSERVATION DIVISION  
Wichita, Kansas

CUSTOMER

DISTRICT Liberal

DATE 11-12-87

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

THE SAME AS AN INDEPENDENT CONTRACTOR TO: Barbara Hugoton (CUSTOMER)

AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 1-20 LEASE Light SEC. 20 TWP. 32S RANGE 40W

FIELD \_\_\_\_\_ COUNTY Moctau STATE Ks OWNED BY Barbara Hugoton

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

Table with columns: FORMATION NAME, TYPE, THICKNESS, FROM, TO, PACKER, TYPE, SET AT, TOTAL DEPTH, MUD WEIGHT, BORE HOLE, INITIAL PROD, PRESENT PROD, NEW USED, WEIGHT, SIZE, FROM, TO, MAX. ALLOW. P.S.I.

PREVIOUS TREATMENT: DATE \_\_\_\_\_ TYPE \_\_\_\_\_ MATERIALS \_\_\_\_\_

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

Comment 5 1/2 casing in two stages. 1st stage - 400 sack 5 1/2 Puz w/ 7% Totalgel, 10 1/2 1/2 galtonite, 3% KCl, 1 1/2 Hald 222 Displace w/ H2O and Drilling fluid. Second stage, 460 sack Arminio Plus HIC w/ 1 1/2 Hald-Cl, 1 1/2 CFA-2, 1/2 Fluocel, 5 1/2 galtonite. Displace w/ H2O. Wash pumps and lines on top of 2nd Plug - Baker DV Tool at 2992'

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 lists.
(b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner...
(m) Halliburton shall not be bound by any changes or modifications in this contract, except where a change or modification is made in writing by a duly authorized executive officer of Halliburton.

APR 1 1 1988

CONSERVATION DIVISION Wichita, Kansas

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

SIGNED [Signature] CUSTOMER

DATE 11-12-87

TIME 6:00 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



# BULK MATERIALS DELIVERY AND TICKET CONTINUATION

FOR INVOICE AND  
TICKET NO. 585 303

A Division of Halliburton Company  
DUNCAN, OKLAHOMA 73830

DATE <b>11-12-87</b>	CUSTOMER ORDER NO.	WELL NO. AND FARM <b>Light 1-20</b>	COUNTY <b>Morton</b>	STATE <b>KS</b>
CHARGE TO <b>Barnes - Hugoton</b>		OWNER <b>Same</b>	CONTRACTOR <b>No. B 661716</b>	
MAILING ADDRESS		DELIVERED FROM <b>Hugoton</b>	LOCATION CODE <b>50335</b>	PREPARED BY <b>Rick Rawlins</b>
CITY & STATE		DELIVERED TO <b>Loc. NW/Rolla, KS</b>	TRUCK NO.	RECEIVED BY <b>Ebersole</b>

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT		
		L	D		QTY.	MEAS.	QTY.	MEAS.				
504-120		2	B	Halliburton Light Cement	400	sk			6.29	2516	00	
				400 cft Pozmix Cement 50/50								
504-043	516.00272	2	B	Premium Cement	200	sk			6.85	1370	00	
506-105	516.00286	2	B	Pozmix "A"	200	sk			3.91	782	00	
506-121	516.00259	2	B	Halliburton Gel blended 2%	7	sk					NC	
507-210	890.50071	2	B	Floccle blended w/400	100	lb			1.21	121	00	
508-291	516.00337	2	B	Gilsonite blended w/800	7800	lb			.33	2310	00	
507-661	516.00003	2	B	Halad-4 blended w/400	139	lb			6.35	882	65	
507-775	516.00144	2	B	Halad-322 blended w/400	134	lb			5.40	723	60	
507-145	70.15329	2	B	CFR-2 blended w/400	28	lb			3.70	81	40	
508-002	70.15302	2	B	Potassium Chloride blended w/400	600	lb			.17	102	00	
509-554	890.50051	2	B	Halliburton Gel on grade	4	sk			6.30	25	20	
THIS IS NOT AN INVOICE												
					STATE RECEIVED							
					APR 17 1988							
		Returned Mileage Charge	TOTAL WEIGHT			CUMULATIVE MILES DIVISION						
						Tochita, Kansas						
SERVICE CHARGE ON MATERIALS RETURNED							CU. FEET					
500-207		2	B	SERVICE CHARGE			CU. FEET	940	.95	893	00	
500-306		2	B	Mileage Charge	TOTAL WEIGHT	79,555	LOADED MILES	25	994.4375	.70	696	11
No. <b>B 661716</b>		CARRY FORWARD TO INVOICE					SUB-TOTAL		10557 06			

WELL DATA

FIELD \_\_\_\_\_ SEC. 20 TWP. 32S RNG. 40W COUNTY Marion STATE Ks

FORMATION NAME \_\_\_\_\_ TYPE \_\_\_\_\_

FORMATION THICKNESS \_\_\_\_\_ FROM \_\_\_\_\_ TO \_\_\_\_\_

INITIAL PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ DPD. GAS \_\_\_\_\_ MCFD

PRESENT PROD: OIL \_\_\_\_\_ BPD. WATER \_\_\_\_\_ DPD. GAS \_\_\_\_\_ MCFD

COMPLETION DATE \_\_\_\_\_ MUD TYPE \_\_\_\_\_ MUD WT. \_\_\_\_\_

PACKER TYPE \_\_\_\_\_ SET AT \_\_\_\_\_

BOTTOM HOLE TEMP. \_\_\_\_\_ PRESSURE \_\_\_\_\_

MISC. DATA \_\_\_\_\_ TOTAL DEPTH \_\_\_\_\_

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>11-12-87</u>	DATE <u>11-12-87</u>	DATE <u>11-12-87</u>	DATE <u>11-12-87</u>
TIME <u>0800</u>	TIME <u>0700</u>	TIME <u>1315</u>	TIME <u>1900</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>John Elmsick 62075</u>	<u>3414</u>	<u>Liberal, Ks</u>
<u>Jeff Phillips 63115</u>	<u>3414</u>	<u>Liberal, Ks</u>
<u>Don Phillips 60438</u>	<u>1546-5342</u>	<u>Hugoton, Ks</u>
<u>Steve Abo 64070</u>	<u>3886-75817</u>	<u>Liberal, Ks</u>
<u>Cement Hanger 64132</u>	<u>0323-5303</u>	<u>Liberal, Ks</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

**COMP**

MATERIALS

TREAT. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

DISPL. FLUID \_\_\_\_\_ DENSITY \_\_\_\_\_ LB/GAL. API

PROP. TYPE \_\_\_\_\_ SIZE \_\_\_\_\_ LG. \_\_\_\_\_

ACID TYPE \_\_\_\_\_ GAL. \_\_\_\_\_ %

SURFACTANT 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. \_\_\_\_\_ IN

PERFPAC BALLS TYPE \_\_\_\_\_ QTY. \_\_\_\_\_

OTHER \_\_\_\_\_

DEPARTMENT Cement

DESCRIPTION OF JOB 2-stage 5 1/2" long string

JOB DONE THRU: TUDING  CASING  ANNULUS  TBG./ANN.

CUSTOMER REPRESENTATIVE X Taylor J. Rose

HALLIBURTON OPERATOR John Elmsick COPIES REQUESTED \_\_\_\_\_

CEMENT DATA

STAGE	NUMBER OF BAGS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU. FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>400</u>	<u>5 1/2" sp2</u>	<u>Aem</u>	<u>em</u>	<u>B</u>	<u>2% Total gel, 12% Gelsol, 8% KCl, All other 302</u>	<u>1.51</u>	<u>13.4</u>
<u>2</u>	<u>460</u>	<u>HCC</u>	<u>High</u>	<u>High</u>	<u>B</u>	<u>1% Halad, 4% CFR-2, 5% Frack, 5% Gelsol</u>	<u>2.1</u>	<u>12.3</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ PRESURIZED \_\_\_\_\_ GAL. 6-1st 6 1/2" sp2 type 961 1000

BREAKDOWN \_\_\_\_\_ MAXIMUM \_\_\_\_\_ GAL. 141-1st

AVERAGE \_\_\_\_\_ FRACTURE GRADIENT \_\_\_\_\_ TREATMENT: \_\_\_\_\_ GAL. 75-2nd

SHUT-IN: INSTANT \_\_\_\_\_ 5-MIN. \_\_\_\_\_ 15-MIN. \_\_\_\_\_ CEMENT SLURRY: \_\_\_\_\_ GAL. 245

HYDRAULIC HORSEPOWER \_\_\_\_\_ APR 11 1988 \_\_\_\_\_ GAL VOLUME: \_\_\_\_\_ GAL.

ORDERED \_\_\_\_\_ AVAILABLE \_\_\_\_\_ USED \_\_\_\_\_ REMARKS \_\_\_\_\_

AVERAGE RATES IN BPM \_\_\_\_\_

TREATING \_\_\_\_\_ DISPL. \_\_\_\_\_ OVERALL \_\_\_\_\_

CEMENT LEFT IN PIPE \_\_\_\_\_

FEET 26 REASON Shss joint

RECEIVED STATE CORPORATION COMMISSION WICHITA, KANSAS APR 11 1988 CONSERVATION DIVISION

CUSTOMER: Barnes Hugoton  
LEASE: Link +  
WELL NO.: 1-22  
JOB TYPE: 2-stage 5 1/2" long string  
DATE: 11-12-87