

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

S

API NO. 15-199-20,136-00-00
County Wallace
Irreg. Section
SW Sec. 1 Twp. 15S Rge. 43W West
2515'
2315'
+1340'
Ft North from Southeast Corner of Section
Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Operator: License # 5171
Name TXO Production Corp.
Address 155 N. Market, Suite 1000
City/State/Zip Wichita, Kansas 67202

Lease Name HIBBERT "A" Well # 4
Field Name Arapahoekan
Producing Formation Morrow
Elevation: Ground 3946' KB 3951'

Purchaser Permian

Operator Contact Person Cory West
Phone 316-269-7600

Contractor: License # 6033
Name Murfin Drilling Co.

Wellsite Geologist None
Phone

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

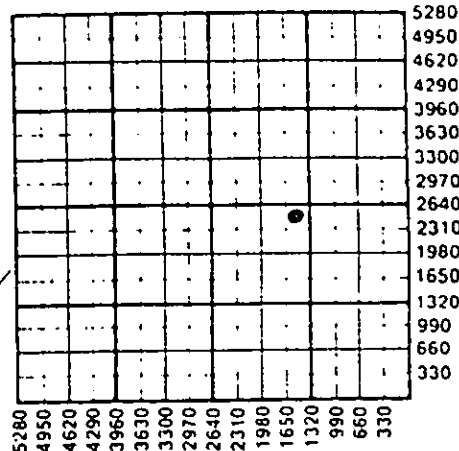
If ONWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
2-9-88 2-17-88 2-26-88
Spud Date Date Reached TD Completion Date
5300' 5284'
Total Depth PBTD

677' 8-5/8"
Amount of Surface Pipe Set and Cemented at...feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

Section Plat



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: Hauled.
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) (purchased from city, R.W.D. #)

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 Doug Clark
Title District Geologist Date 3/15/88

Subscribed and sworn to before me this 15th day of March 1988
Notary Public Nancy R. Lay
Date Commission Expires January 30, 1992

K.C.C. OFFICE USE ONLY
of Confidentiality Attached
Line Log Received
Driller's Time Log Received
Distribution
 SWD/Rep NGPA
 Plug Other
03-17-88 (Specify)
3-17-88

NANCY R. LAY
1/30/92

Sec. 1, Twp. 15S, Rge. 43W

Operator Name TXO Production Corp. Lease Name HIBBERT "A" Well # 4

Sec. 1 Twp. 15S Rge. 43W County Wallace

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 [X] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No

Formation Description [] Log [] Sample

Table with 3 columns: Name, Top, Bottom. Rows include Morrow Shale (5092 to -1141), Stockholm SS (5181 to -1230), Morrow LS (5203 to -1252), and Mississippian (5230 to -1279).

RELEASED

APR 17 1989

FROM CONFIDENTIAL

Form sections: CASING RECORD (New), PERFORATION RECORD (4 JSPF, 5179-93' Morrow, 250 gals 7-1/2% acetic acid), TUBING RECORD (2-3/8", Set At 5235.48'), Date of First Production (2-26-88), Producing Method (Pumping), Estimated Production (267 Bbls).

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Sold [] Used on Lease [] Open Hole [X] Perforation [] Other (Specify) 5179'-93' Morrow [] Dually Completed [] Commingled



A Division of Halliburton Company

FORM 1906 R-11

WELL NO. -- FARM OR LEASE NAME A-4 H. Abbott		COUNTY Wallace	STATE Ks	CITY / OFFSHORE LOCATION	DATE 2-8-88
CHARGE TO TXO Prod.		OWNER Suma	TICKET TYPE (CHECK ONE) SERVICE <input checked="" type="checkbox"/> SALES <input type="checkbox"/>		NITROGEN JOB YES <input type="checkbox"/> NO <input type="checkbox"/>
ADDRESS		CONTRACTOR markin = 20	LOCATION 1 L. ... Co		CODE 50415
CITY, STATE, ZIP		SHIPPED VIA	FREIGHT CHARGES <input type="checkbox"/> PPD <input type="checkbox"/> COLLECT		LOCATION 2
WELL TYPE 01	WELL CATEGORY 01	WELL PERMIT NO.	DELIVERED TO		LOCATION 3
TYPE AND PURPOSE OF JOB 035		B-544829	ORDER NO.		REFERRAL LOCATION

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	55	mi			2.10	115	50
001-016				Pump Charge	5279	FT				1111	00
030-016				TOP plug	42	in			31.00	31	00
24A	815-19101			Insert	42	in			49.00	69	00
27	815-19111			Fill up	1	ea			27.50	27	50
40	807-91002			Control valve	6	ea			41.00	246	00
040-014				Rotating Head	42	in			152.00	155	00
23	813-0141			Top Connector	42	in			112.50	1155	00
320	800-8881			Basket	42	in			83.00	85	00
314-153				KCL	300	lb			.17	51	00

THIS IS NOT AN INVOICE

RECEIVED
STATE CORPORATION COMMISSION

JUL 1 1988

CONSERVATION DIVISION
Wichita Kansas

AS PER ATTACHED BULK MATERIAL DELIVERY TICKET NO. **B-544829**

1982 38

WAS JOB SATISFACTORILY COMPLETED?
 WAS OPERATION OF EQUIPMENT SATISFACTORY?
 WAS PERFORMANCE OF PERSONNEL SATISFACTORY?
 LEONARD ROBINSON
 CUSTOMER OR HIS AGENT (PLEASE PRINT)
 [Signature]
 CUSTOMER OR HIS AGENT (SIGNATURE)

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.

Harmon Slatten
HALLIBURTON OPERATOR

HALLIBURTON APPROVAL
CUSTOMER

SUB TOTAL
4928 38
APPLICABLE TAXES WILL BE ADDED ON INVOICE.

CUSTOMER

HALLIBURTON SERVICES
JOB LOG

WELL NO. A-4 LEASE H. S. Ber TICKET NO. 674-134
 CUSTOMER T&O Prod PAGE NO. _____
 JOB TYPE T/L Long String DATE 2-18-88

FORM 2013 R-2

CHART NO.	TIME	RATE (BPM)	VOLUME (BSL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0100							on loc.
								rig crew waiting
	0115							Start CSG
	0130							150 psi 13 ft. on
	0145							check out rig pump
	0155							check out house
	0210		40				250-psi	Start 20' Red H.L. ahead
	0225		20				250	Start Case
	0240						0	Stop string + check pump + lines
	0250		80				100	Start Dis.
	0310						500	Plug Down
								Down to 1200 PSI
								Release pump 1200 PSI hold

CUSTOMER

BULK MATERIALS DELIVERY AND TICKET CONTINUATION



FOR INVOICE AND
TICKET NO. 646104

DATE 2-17-88	CUSTOMER ORDER NO.	WELL NO. AND FARM A-4 Hibbert	COUNTY Wallace	STATE KS.
CHARGE TO TXO		OWNER Same	CONTRACTOR No. B 544829	
MAILING ADDRESS		DELIVERED FROM Lamar	LOCATION CODE 50415	PREPARED BY MCINTYRE
CITY & STATE		DELIVERED TO LOC.	TRUCK NO. 0537-5070	RECEIVED BY Sla He ~

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE		DESCRIPTION	UNITS 1		UNITS 2		UNIT PRICE	AMOUNT	
		L	D		QTY.	MEAS.	QTY.	MEAS.			
504-043				Southwestern Premium Cement	150	sks			6.85	1027.50	
507-145				CFR-2 3/4#	106	#			3.70	392.20	
507-210				Flocele 1/4#	38	#			1.21	45.98	
Returned Mileage Charge					TOTAL WEIGHT	LOADED MILES	TON MILES				
SERVICE CHARGE ON MATERIALS RETURNED							CU. FEET				
500-207				SERVICE CHARGE			CU. FEET	150	.95	142.50	
500-306				Mileage Charge	14244	TOTAL WEIGHT	55	LOADED MILES	391.71	.70	274.20
No. B 544829		CARRY FORWARD TO INVOICE					SUB-TOTAL			1882.38	

THIS IS NOT AN INVOICE

**WORK ORDER CONTRACT
 AND PRE-TREATMENT DATA**

FORM 1908 R-5

ATTACH TO INVOICE & TICKET NO. 446104

DISTRICT Liberal KS

DATE 2-15-88

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: T&O Prod. (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 23-4 LEASE H. B. Hart SEC. 1 TWP. 15 RANGE 43

FIELD Acropolis COUNTY Wallace STATE KS OWNED BY T&O Prod.

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	<u>new</u>	<u>10.5</u>	<u>4 1/2</u>	<u>KTB</u>	<u>5279</u>	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ANNULUS CASING TUBING/ANNULUS HYDRAULIC HORSEPOWER ORDERED Com + 4 1/2 long string with 150 sec. proc. 225' CER-2 1/4" (check)

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

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

- As consideration, the above-named Customer agrees:
- (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 (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.
 - (c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.
 - (d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.
 - (e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.
 - (f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.
 - (g) 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 for marine 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 and the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.
 - (h) 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 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 responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.
 - (i) 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.
 - (j) 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.
 - (k) This contract shall be governed by the law of the state where services are performed or equipment or materials are furnished.
 - (l) 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 _____ DATE 2-15-88 CUSTOMER

TIME 4:00 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.

HALLIBURTON SERVICES
JOB SUMMARY
FORM 1025

HALLIBURTON DIVISION Wichita KS
HALLIBURTON LOCATION Lamar Co

BILLED ON TICKET NO. 646104

FIELD Arapahoe Kan SEC. 1 TWP. 15 RNO. 43 COUNTY Wallace STATE KS

FORMATION NAME _____ TYPE _____
FORMATION THICKNESS _____ FROM _____ TO _____
INITIAL PROD: OIL _____ SPD. WATER _____ SPD. GAS _____ MCFD
PRESENT PROD: OIL _____ SPD. WATER _____ SPD. 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	17	10.5	4 1/2	K.S.	S2709	
LINER						
TUBING						
OPEN HOLE						SHOTS/FT.
PERFORATIONS						
PERFORATIONS						
PERFORATIONS						

JOB DATA

CALLER OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE <u>2-17</u>	DATE <u>2-18</u>	DATE <u>2-14</u>	DATE <u>2-19</u>
TIME <u>2200</u>	TIME <u>3100</u>	TIME <u>3115</u>	TIME <u>3610</u>

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
PLANNING INSERT <u>1.11 up</u>	<u>1</u>	<u>HawCo</u>
GUIDE SHOE <u>4 1/2</u>	<u>2</u>	<u>HawCo</u>
CENTRALIZERS <u>5-4 4 1/2</u>	<u>6</u>	<u>HawCo</u>
BOTTOM PLUG		
TOP PLUG <u>SW 4 1/2</u>	<u>1</u>	<u>HawCo</u>
HEAD <u>Rotating</u>		
PACKER		
OTHER <u>FO Cementer</u>	<u>1</u>	<u>HawCo</u>

PERSONNEL AND SERVICE UNITS

NAME	UNIT NO. & TYPE	LOCATION
<u>Slatten</u>	<u>33670</u>	<u>Lamar Co.</u>
<u>Moore</u>	<u>4664</u>	<u>"</u>
<u>Roberts</u>	<u>3801</u>	<u>"</u>
	<u>5070</u>	<u>"</u>

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
PRIC. RED. AGENT TYPE _____ GAL.-LB. _____ IN
BREAKER TYPE _____ GAL.-LB. _____ IN
BLOCKING AGENT TYPE _____ GAL.-LB. _____
PERF PAC BALLS TYPE _____ QTY. _____
OTHER _____
OTHER _____

DEPARTMENT Cement
DESCRIPTION OF JOB Cut 4 1/2 Longstring FO Tool AT 1973
JOB DONE THRU: TUBING CASING ANNULUS TOB./ANN.
CUSTOMER REPRESENTATIVE X / [Signature]
HALLIBURTON OPERATOR Herman Slatten COPIES REQUESTED _____

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
<u>1</u>	<u>150</u>	<u>Prem</u>		<u>SW</u>		<u>75% CFR-2 4 1/2 SK Floccs</u>	<u>1.06</u>	<u>16.7</u>

PRESSURES IN PSI

SUMMARY

VOLUMES

CIRCULATING _____ DISPLACEMENT _____ PREFLUSH: BBL.-GAL. _____ TYPE _____
BREAKDOWN _____ MAXIMUM _____ LOAD & BKDHI BBL.-GAL. _____ PADI BBL.-GAL. _____
AVERAGE _____ FRACTURE GRADIENT _____ TREATMENT: BBL.-GAL. _____ DISPLI BBL.-GAL. 93.7
SHUT-IN INSTANT _____ 5-MIN. _____ 15-MIN. _____ CEMENT SLURRY: BBL.-GAL. 28.3
HYDRAULIC HORSEPOWER _____ TOTAL VOLUME: BBL.-GAL. _____
ORDERED _____ AVAILABLE _____ USED _____ REMARKS _____
AVERAGE RATES IN BPM _____
TREATING _____ DISPL. _____ OVERALL _____
CEMENT LEFT IN PIPE _____
FEET 14 REASON Shoe Point

CUSTOMER

CUSTOMER: IRO Prod
LEASE: H. B. Bart
WELL NO.: A-4
JOB TYPE: 4 1/2 Longstring, 1973, 2-19-69