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PROJECT APPRAISAL REPORT (PAR)

5p

1. PROJECT NO. 615-11-190-157 and 615-12-130-160	2. PAR FOR PERIOD 5/76 TO 4/77	3. COUNTRY Kenya	4. PAR SERIAL NO. 77-5
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National Range and Ranch Development : project and Livestock Loan

6. PROJECT DURATION: Began FY 73 Ends FY 81	7. DATE LATEST PROP 4/76	8. DATE LATEST PIP N/A	9. DATE PRIOR PAR 4/76
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10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: \$ 2,625,000 Grant Loan \$ 9,600,000	b. Current FY Estimated Budget: \$ 957,000 Grant Loan \$ 3,250,000	c. Estimated Budget to completion After Current FY: \$ 4,532,000 Grant Loan -0-
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11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
USDA	7 PASA AG/KEN-157-08-73
USGS	PASA IC/KEN-157-09-73
NEF	AID/CM/afr-c-1117

I. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION

A. ACTION (X)			B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
USAID	AID/W	HOST		
		X	Reorganize Range Management Division	Sept 77
		X	Complete action to satisfy CP's for Loan Amendment	Oct 77
X	X		Contract team to assist Kenyan institutions for range management and agriculture engineering training	Dec 77
X	X		Recruit two OPEX hydrogeologists	Dec 77
X	X		Recruit one personal services contract Equipment Maintenance Specialist and retain services of second specialist now on board.	Dec 77
X	X		Recruit one personal services contract Equipment Management Specialist	Dec 77
		X	Adjust cattle prices	Jan 78
X	X		Recruit two engineers and one trainer implementer	Jan 78
X		X	Train replacement personnel for heavy machinery specialists and workshops at Kenya Polytechnic Institute.	Jan 78
X	X		Extend TDD for Part A of Loan (cattle purchases) from September 30, 1978 to September 30, 1979.	Aug 78
X	X		Extend TDD for loan-financed technical assistance	August 1979

D. REPLANNING REQUIRES

REVISION OR NEW:

PROP
 PIP
 PRO AG
 PIO/T
 PIO/C
 PIO/P

E. DATE OF MISSION REVIEW

April 18, 1977

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE

F. L. Hoffarth/F. Abercrombie

MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE

Charles J. Nelson

II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. INPUT OR ACTION AGENT (CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY)	B. PERFORMANCE AGAINST PLAN							C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X)					
	UNSATISFACTORY		SATISFACTORY			OUT-STANDING		LOW	MEDIUM		HIGH		
	1	2	3	4	5	6	7	1	2	3	4	5	
1. USDA			X										X
2. USGS				X						X			
3. NEF				X					X				

Comment on key factors determining rating: **USDA has experienced considerable difficulty in providing engineers for the project. This jeopardizes the planning work for both grazing blocks and ranches.**

USGS provides only one technician who will be phased out early in 1978.

NEF provided adequately qualified personnel on a timely basis.

4. PARTICIPANT TRAINING			X										X
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Comment on key factors determining rating: **Range management participants for U.S. training are consistently well qualified and all scholarships are eventually taken. There are 18 scholarships available for local institutions and Range Management is slowly obtaining admissions for their nominal candidates. Participants for engineers and hydrogeologists remain a problem, with long delays occurring before the GOK provides nominations.**

5. COMMODITIES				X								X	
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Comment on key factors determining rating: **Project-financed commodities have all arrived in timely fashion, with the exception of Land Rovers delayed by a strike in the U.K. These Land Rovers are now in country.**

6. COOPERATING COUNTRY	a. PERSONNEL				X									X
	b. OTHER													

Comment on key factors determining rating: **The personnel situation in Range Management is improving as experience is gained. Water development remains very hard pressed for trained technicians. Two livestock economists have been lost to the Ministry of Agriculture (MOA) and the MOA has not requested that they be replaced. It is feared that this loss may have very adverse effects for the management of the project.**

7. OTHER DONORS				X										X
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(See Next Page for Comments on Other Donors)

II. 7. Continued: Comment on key factors determining rating of Other Donors

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage Rate, Amount)					END OF PROJECT
		CUMULATIVE PRIOR FY	CURRENT FY		FY 78	FY 79	
			TO DATE	TO END			
5. Reservoirs constructed	PLANNED	106	152	155	175	175	229
	ACTUAL PERFORMANCE	25	40				
	REPLANNED			40	100	150	229
6. Boreholes Drilled	PLANNED	18	25	27	39	41	41
	ACTUAL PERFORMANCE	5	17				
	REPLANNED			17	29	41	41
7. Miles of Track constructed	PLANNED	1000	1900	2000	2600	2600	2600
	ACTUAL PERFORMANCE	640	1100				
	REPLANNED			1200	2000	2600	2600
	PLANNED						
	ACTUAL PERFORMANCE						
	REPLANNED						
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT: All tools and equipment are installed and the work shop is fully operational.						
X ₁ 4. Maintenance capability at Wajir workshops.	COMMENT: Contracts have been signed with the two major suppliers of spare parts						
X ₂ 5. System for providing spare parts	COMMENT: Completed April 1977						
X ₃ 6. Meat and Livestock study.	COMMENT: Completed April 1977						
7. Land use study progress	To be completed by the Kenya Government						

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II. 7. Continued: Comment on key factors determining rating of Other Donors

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage Rate/Amount)					END OF PROJECT
		CUMULATIVE PRIOR FY	CURRENT FY		FY 78	FY 79	
			TO DATE	TO END			
5. Reservoirs constructed	PLANNED	106	152	155	175	175	229
	ACTUAL PERFORMANCE	25	40				
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7. Miles of Track constructed	PLANNED	1000	1900	2000	2600	2600	2600
	ACTUAL PERFORMANCE	640	1100				
	REPLANNED			1200	2000	2600	2600
B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS		COMMENT: All tools and equipment are installed and the work shop is fully operational.					
X ₁	4. Maintenance capability at Wajir workshops.						
X ₂	5. System for providing spare parts	COMMENT: Contracts have been signed with the two major suppliers of spare parts					
X ₃	6. Meat and Livestock study.	COMMENT: Completed April 1977					
X ₄	7. Land use study program	COMMENT: To be completed by the Kenya Government					

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IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged.

2. Same as in PROP? YES NO

To increase livestock production by low income producers

<p>a. 1. Conditions which will exist when above purpose is achieved.</p> <p>Note: Verifiable measurements of production increases are not yet available from ILCA and KREMU (which are the agencies responsible for project monitoring):</p> <ol style="list-style-type: none"> 1. Service system functioning to provide technical assistance to ranches and operation/maintenance of grazing blocks. 2. Small holders participating in commercial livestock production. 3. Marketing systems operating which serve small holder producers. 	<p>2. Evidence to date of progress toward these conditions.</p> <ol style="list-style-type: none"> 1. Range Management has reorganized 3 sections, each to work specifically with the different types of ranches and grazing blocks. 2. Few new loans are being approved due to continued economic difficulties of beef production. 3. During the past year 70,000 animals were marketed through commercial channels from one district Kajiado of the project area. 4. The Livestock Marketing Division is buying livestock by weight at set prices from small holders in remote areas.
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V. PROGRAMMING GOAL

A. Statement of Programming Goal

Increase the income and improve the quality of life for small scale livestock producers in pastoral areas.

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

Accordingly to the World Bank, some 80% of the land surface of Kenya is arid or semi-arid much of which is suitable only for the production of livestock. The project area includes over 14 million acres of range land in North Eastern Province and Ranches in Coast and Rift Valley Provinces. These areas support large numbers of herds of livestock tended by nomads or semi-nomads in North Eastern Province or semi-nomads in Rift Valley; people who follow traditional patterns of husbandry which are extremely wasteful in economic terms. Ranch development in Coast Province is largely on vacant land with little or no previous economic yield. This project will provide major development and management resources which will increase meat supplies for the domestic and export markets. An estimated 50,000 head of additional animals is expected to be channeled through established marketing systems. Achievement of project purpose will make a significant contribution toward bringing previously low productive areas into higher production and thereby raise producer incomes in the project area.