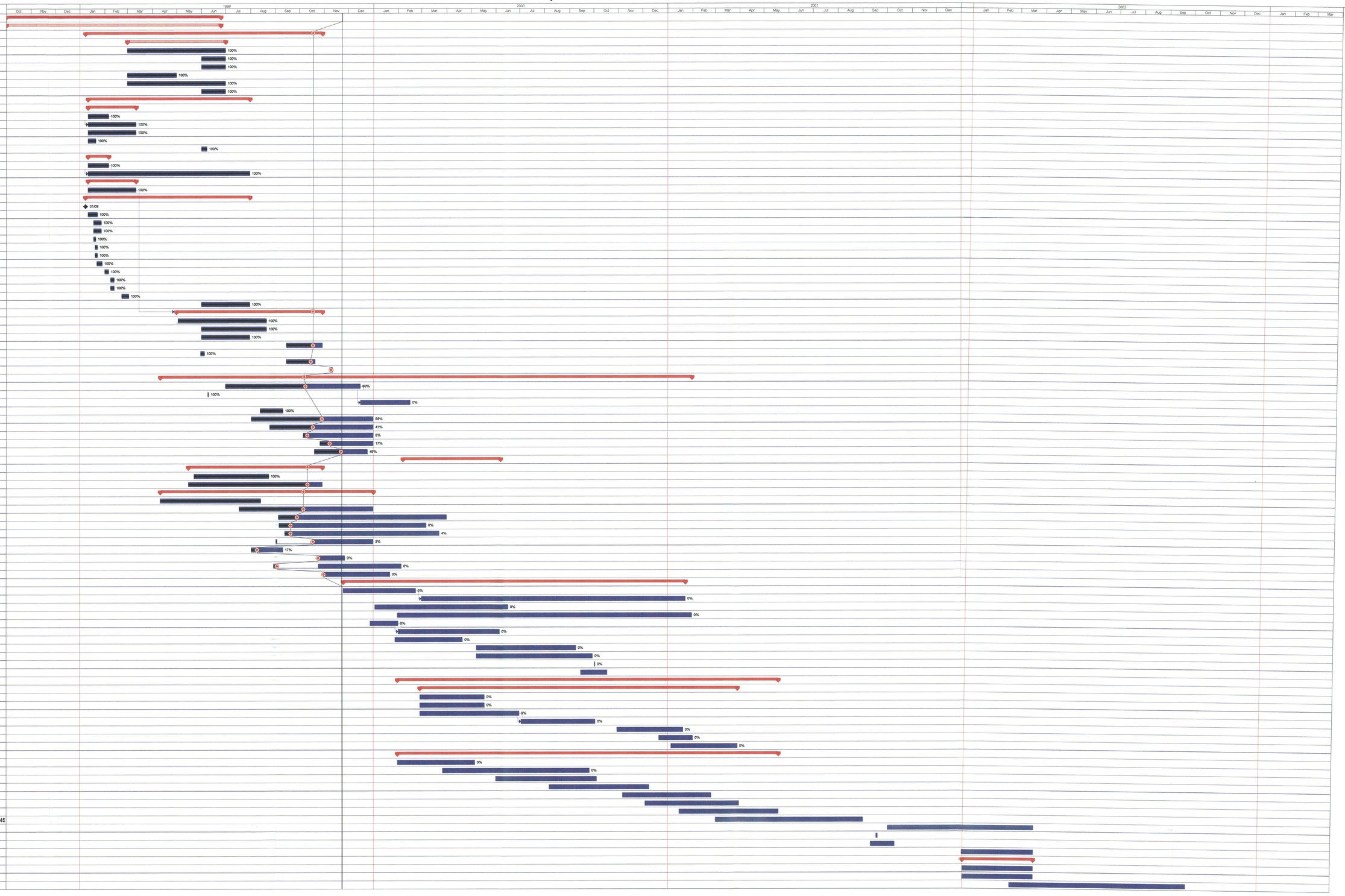
Plate 1. Detailed Gantt chart illustrating projected time line for technical analysis of project study field, Starfak, and associated areas.

Offshore Secondary Gas Recovery Project
Project Task Timeline 1999-2002

ID	Task Name
1	**PHASE 1. PROJECT PREPARATION**
2	**1A. ESTABLISH RESOURCES**
17	**PHASE 2. DATA GATHERING AND LOADING**
18	**2A. GATHER AND LOAD GEOLOGIC DATA**
19	1) Well Logs (Qced, merged, edited)
20	2) Rock Data (Core and Cuttings)
21	3) Paleo, Paly, O isotope data
22	4) Directional Data
23	5) Dipmeter data
24	6) Other data
25	**2B. GATHER AND LOAD ENGINEERING DATA**
26	Obtain Production History Data Base
27	1) Drilling Reports
28	2) Mud Weight Data
29	3) DST and RFT data
30	4) Obtain Perforation Records
31	Obtain Well Data Base (OFM) with SI, FTP, Gauge Data, etc.
32	Obtain Bottom-Hole Pressure Data Base
33	1) Drilling Reports
34	Obtain Core Analysis Data Base
35	Obtain PVT and any Other Special Analysis
36	1) Gas and Condensate Data
37	**2C. GATHER AND LOAD GEOPHYSICAL DATA**
38	32-bit Data Tape Received from Texaco
39	3D Seismic Data Loaded
40	Cultural Data (offshore blocks) Loaded
41	Spheroid, World Coordinates, etc. Entered
42	Line/Trace Byte Positions Identified
43	Sample Format/Rate identified
44	Header Records/EOF's Identified
45	Deviation Data Processed and Checked
46	Seisworks Data Base of Well Positions Verified
47	Checkshot Data Loaded
48	VSP and Sonic Log Data Loaded for T/D Conversion
49	Acquisition/Processing Data Received from Texaco
50	Edit sonic Logs as necessary
51	**2D. CREATE OPENWORKS AND GEOGRAPHIX PROJECTS**
52	Create Workstation and PC Base Maps
53	Load Data in Task 2A, 2B and 2C to appropriate environment
54	QC Base Maps and Correct Discrepencies
55	Create Access Master Database
56	Obtain Field Development Plan and Time Opportunity for Data Acquisition
57	**1999 ANNUAL TECHNICAL PROGRESS REPORT**
58	**REVIEW WITH TEXACO**
59	**PHASE 3. DATA ANALYSIS**
60	1) Fault Plane Interpretation (GP)
61	2) Coordinate Objectives with DOE and Texaco
62	3) Produce Fault Plane Maps (GP)
63	4) Produce Synthetics (GP)
64	5) Horizon Correlations and Well Ties (GP)(G)
65	6) 3D Time Horizon Interpretations (GP)
66	7) Produce Time Structure Maps (GP)
67	8) Produce Attribute Maps (GP)
68	9) Evaluate Velocity Data (GP)
69	**10) AVO (GP)**
73	**11) Horizon interpretation - Loge (G)**
74	Interpret Regional Correlation Surfaces (G)
75	Interpret stacking patterns, systems tracts and seq
76	**12) Construct Correlation Panels (G)**
77	Construct Regional Cross-sections
78	Construct field-scale seq strat panels
79	13) Seismic facies and strata slice analysis
80	14) Construct Structural Cross-section (G)
81	15) Interpret Structure Cross-sections (G)
82	16) Analyze Core and Cuttings Data (G)
83	17) Analyze Dipmeter Data (G)(ETM)
84	18) Evaluate DST/RFT for Productivity (G)(E)
85	19) Paleo and Palynology Analysis (G)
86	20) Geochemistry work (G)
87	**21) Petrophysical Analysis**
88	Gross/Net Sand Determinations (G)(E)(GP)
89	Reservoir Parameters (G)(E)(GP)
90	22) Generate and Interpret Impedance Cube
91	23) FAPS Seal Analysis (G)(E)(GP)
92	24) Analyze Gas and Condensate Data (G)(E)
93	25) Evaluate existing pressure data
94	26) Employ Pore Pressure Prediction Techniques (G)(E)(GP)
95	27) Define Recompletions (E)(G)
96	28) Preliminary Identification and Risking of Prospects
97	**REVIEW WITH TEXACO**
98	**2000 ANNUAL TECHNICAL PROGRESS REPORT**
99	**PHASE 4. INTEGRATION & PROSPECT DEVELOPMENT**
100	1) Integration of:
101	a) AVO & seismic attributes analysis with structural and stratigraphic prospects
102	b) Pore pressure and prediction with geologic framework
103	c) HC migration analysis with fault seal study
104	d) Reservoir description (O, Sw, sand isopach with structural maps)
105	e) Reservoir description w/ engineering concerns
106	f) Prospect risk analysis and ranking
107	g) Reserve estimates per prospect
108	2) Produce:
109	a) Depth maps
111	b) Isopach maps
110	c) Paleo-environment maps
112	e) Biostratigraphy displays
113	f) Pore pressure prediction displays
114	g) Geochemical displays
115	h) Risk analysis products
116	**PHASE 5. INITIAL CONCLUSIONS AND RECOMMENDATIONS**
117	**PHASE 6. CONSTRUCT INTEGRATED RESERVOIR MODEL**
118	**REVIEW WITH TEXACO**
119	**2001 ANNUAL TECHNICAL PROGRESS REPORT**
120	**PHASE 7. FINAL RECOMMEN. FOR DRLG AND RECOMP**
121	**PHASE 8. FINAL RECOMMEN. FOR UPSIDE POTENTIAL**
122	Quantify upside reserves potential
123	Document total remaining recoverable
124	**PHASE 9. FINAL DOCUMENTATION AND TECH TRANSFER**